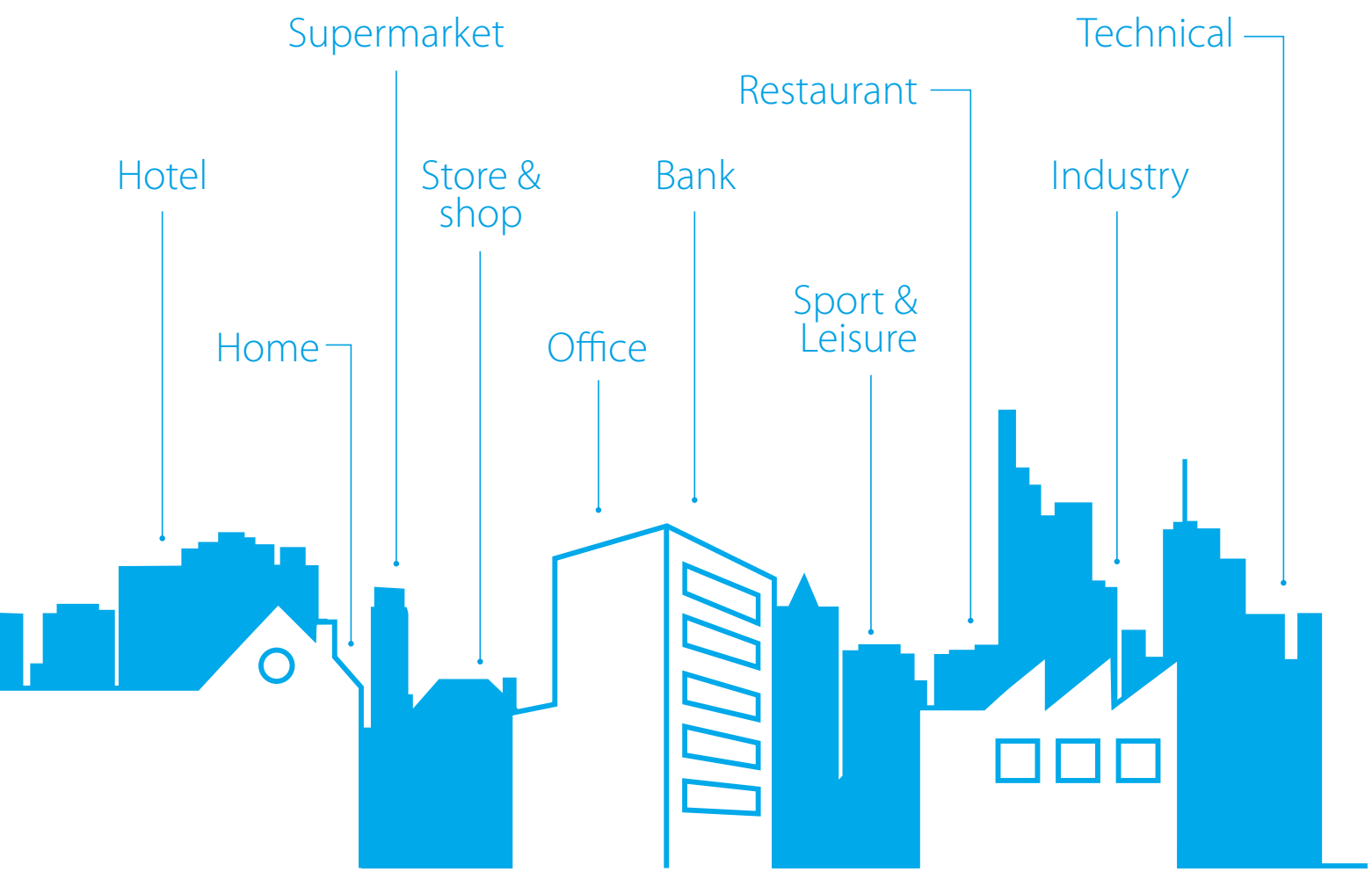
DAIKIN

General catalogue

2017

Daikin world



The perfect working environment is essential for all businesses. From supermarkets to offices, from public buildings to hotels, from restaurants to shops it is essential that the quality of the air is optimised at all times – but no space is used in exactly the same way and that calls for flexible, tailored and economic solutions. Daikin, the innovation leader for more than 90 years, understands this and its 'total solution' concept is built around customised solutions for individual clients. Whether cooling, heating, ventilation, air curtains or refrigeration with intelligent control systems.

Daikin has the units, the experience and the solution for you. Learn all about our solutions for your business and read more about customer experiences.

Our promise...

... is to ensure that customers can depend on Daikin for the ultimate in comfort, so that they are free to focus on their own working and home lives.

We promise to dedicate ourselves to technological excellence, a design focus and the highest quality standards so that our customers can trust and rely on the comfort we deliver.

Our promise to the planet is absolute. Our products are at the forefront of low energy-usage and we will innovate to further reduce the environmental impact of HVACR (Heating, Ventilation, Air conditioning, Refrigeration) solutions.
We lead where others follow.

We will continue our global leadership in HVACR solutions as our specialist expertise in all market sectors combined with over 90 years' experience enable us to deliver added value in long-lasting relationships based on trust, respect and credibility.

We promise to continue our forward-thinking ethos, treating challenges as opportunities to produce ever-better solutions.
We will drive innovation and go the extra distance for our customers and our company.
We will be smart and ready to do things differently.

We will deliver on these core values of our brand and enjoy sustainable success with continued growth.

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Control Systems

For latest data, please consult my.daikin.eu

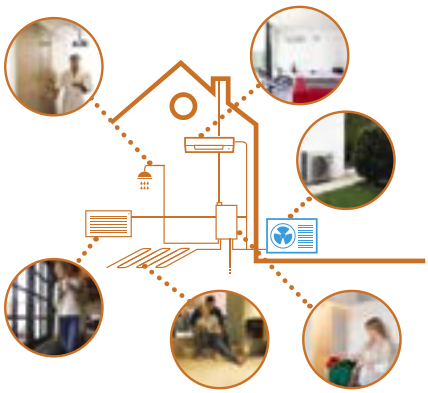
What's new in 2017

p.23 NEW **Online controller for heating BRP069A61/62**

› Monitors the status and power consumption of your heating system
› Schedules the set temperature and operation mode
› Controls your system and domestic hot water

p.80 NEW **Gas condensing boiler D2CND/D2TND-A1/4A Supremely compact, controllable via app**

› Very compact and versatile unit suitable for nearly all room conditions
› Online controller (optional): manage your room temperature and oversee energy consumption from any location
› Easy installation and service: all parts are accessible from the front
› Low maintenance thanks to gas-adaptive combustion system
› Lambda Gx with fully electronic gas-air combination
› Solar thermal connection possible



p.110 NEW **Hybrid multi**

› The Hybrid Multi combines 3, 4 and 5 port multi outdoor units with a hybrid heat pump
› The hybrid heat pump (gas and air) produces hot water to generate heat for radiators and underfloor heating
› Space heating: the hybrid indoor unit selects the most economical mode based on energy prices, outdoor temperature and internal heat load
› Domestic hot water: uses gas condensing technology to produce hot water

p.108
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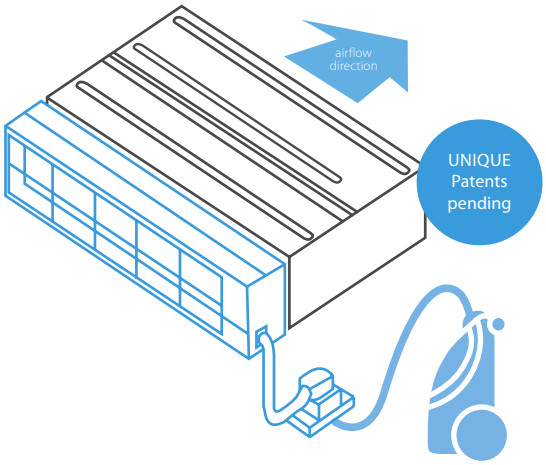
p.126 NEW **Bluevolution - Pair connection for FTXP-K3, FDXM-F3, ATXP-K3**

› Bluevolution FTXP-K3, FDXM-F3 and ATXP-K3 are all multi connectable and can now be ordered in pair combination

p.100 NEW
p.226
p.294

Auto cleaning function for slim concealed ceiling units

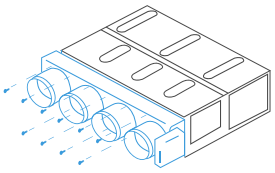


- Unique and proven technology now available for homes and commercial buildings
- Automatic filter cleaning ensures less operation costs and easier maintenance
- Optimal air flow improves a room's air quality and customer satisfaction
- Available for split and Sky Air (FDXM-F3) and VRV (FXDQ-A3) slim concealed ceiling units

p.101 NEW
p.227
p.295

Multi zoning kit for Sky Air and VRV

- Increase flexibility: supply multiple rooms with one indoor unit
- Decrease the amount of refrigerant in the system
- Serves up to eight individual zones with separate modulating dampers
- Convenient setup: plenum comes fully assembled with dampers, pcb, etc.
- Available for split (FDXM-F3), Sky Air (FBQ-D, ADEQ-C) and VRV (FXDQ-A3, FXSQ-A) concealed ceiling units



Plug and play plenum

Extention of connectable indoor units for AZQS inverter unit

ROUND FLOW

Siesta

p.242 NEW

- **FCQG-F - Unique Daikin auto cleaning round flow cassette now connectable to AZQS**
  - Auto cleaning panel delivers up to 50% energy savings and easier maintenance
  - 360° air distribution for optimum comfort
  - Intelligent sensors save energy and maximise comfort

p.257 NEW

- **ADEQ-C - Concealed ceiling unit with medium ESP for AZQS**
  - Slimmest unit on the market
  - ESP up to 150 Pa
  - Automatic airflow adjustment function facilitating installation

p.317

SB.RKXYQ-T - VRV IV heat pump for indoor installation range extended

VRV IV i-series

Variable Refrigerant Temperature

- The invisible VRV
- Unique VRV heat pump for indoor installation
- NEW Range extended with 8 HP unit
- Flexible for any location and building type; the outdoor unit is invisible and split into two parts

8 HP

p.326

RWEYQ-T(B)9 - Water cooled VRV IV update

NEW › More flexibility
- Mixed connection of LT and HT hydroboxes and VRV indoor units
- Either connect stylish indoor units (Daikin Emura, Nexura, …) or VRV indoor units
- Extension of the range: 8 to 14HP modules can be combined up to 42HP
- No heat dissipation from outdoor unit

NEW › Easier commission and customisation
- 7 segment display
- Two analogue input signals allow external control

HXHD200A8

p.359

HXHD-A8 - HT hydrobox range extension

NEW › Extension of the range now reaches up to 22,4 kW heating capacity
› Allows large quantities of hot water to be produced with a small footprint
› Leaving water temperature range from 25 to 80°C
› Wide operation range from -20 to +43°C abmient outdoor temperature

p.377

NEW ADT-FDI - Pre-sized fresh air unit with DX connection

› 9 pre-selected combinations, to cover all fresh air needs in Europe
› Fully selectable in Xpress based on fresh air volume like any other fresh air unit
› The right VRV outdoor unit and connection kits are automatically outfitted, factory mounted and configured

p.444
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NEW EWAD-TZB - Air cooled inverter chiller

› High efficiencies both at full load and part load: ESEER up to 5.5 & EER up to 3.6
› Rapid return on investment
› Application flexibility
› Compact design
› Lowest sound levels: down to 90 dB(A)
› Proven reliability
› Extensive option list

p.478 NEW EWWD-VZ - Water cooled inverter chiller
p.479
p.480

› Top class efficiency: ESEER up to 8.5 and EER up to 5.8:
  • New generation Daikin inverter screw compressors & high-efficiency heat exchangers
  • Variable volume ratio technology
  • Optimised refrigerant circuit design
› Compact unit: 40% footprint reduction
  • New single pass condenser technology
  • New integrated oil separator technology
  • Optional knock down panel which reduces the unit width
› Application flexibility: widest operating envelope in its range
› Connectivity: Daikin on site platform
› Future readiness: Choose today's best solution and be ready for the future!

VZ CHILLER SERIES

p.559 NEW Zanotti - Refrigeration line-up

› Extension of Daikin's refrigeration product portfolio with products for commercial, transport and industrial applications
› Zanotti's diverse product line-up covers all aspects of the cold chain in the worldwide market for refrigeration equipment

ZANOTTI
a member of DAIKIN group

p.580 NEW DCC601A51 - intelligent Tablet Controller with cloud connection

› Centrally control your building (air conditioning, window contact, ...)
› Intuitive and user-friendly interface
› Stylish optional screen fits any interior
› Plug&play installation

Cloud package options:
› Online control: manage your system from anywhere
› Multi site: control and compare the energy use of multiple sites
› Energy saving: keep track of energy use

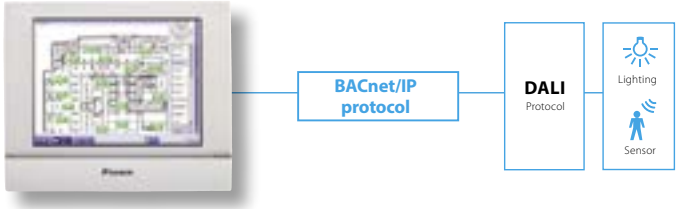
intelligent Tablet Controller

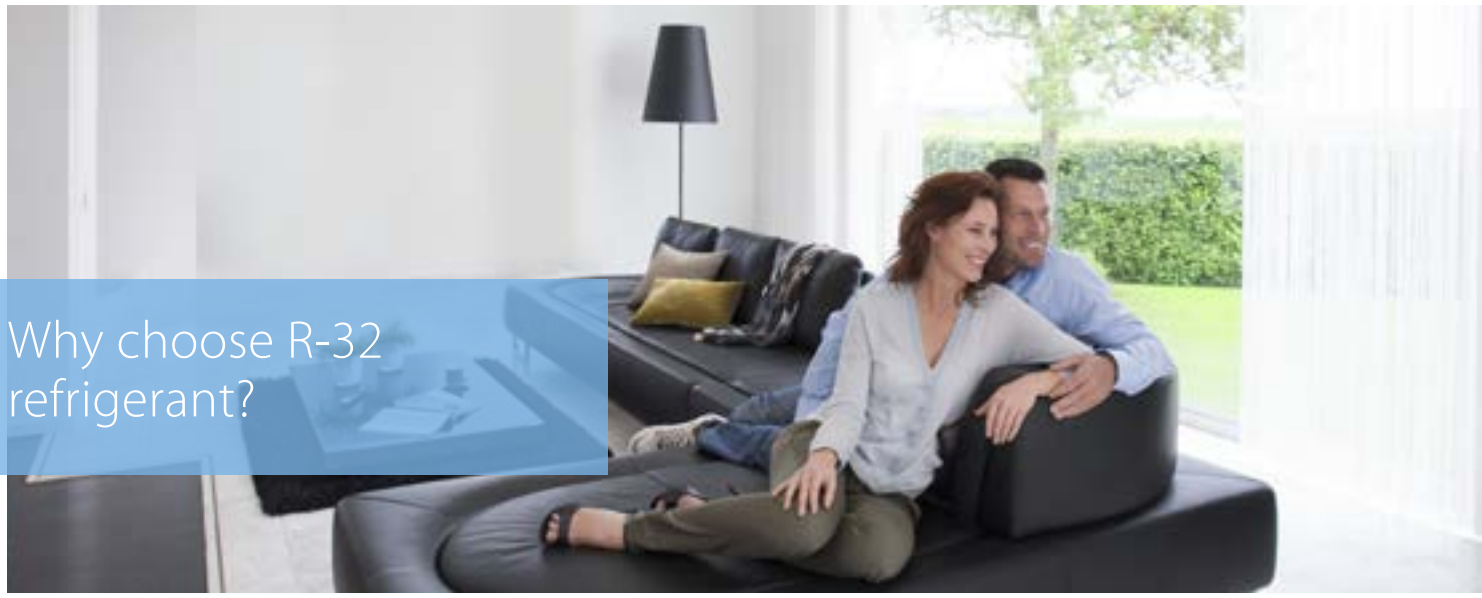
DAIKIN CLOUD SERVICE

p.582 NEW DCM601A51 - intelligent Touch Manager connectable to DALI lighting protocol

• Easier facility management: receive an error signal when light or light controller has a malfunction
• Flexible approach and less wiring needed, compared to classic light scheme
• Easier to make groups and control scenes

intelligent Touch Manager





Why choose R-32 refrigerant?

Leading the market

Ten years ahead of legislation

Improving indoor comfort while having a low environmental impact. With this in mind, Daikin launched the first worldwide air conditioners with R-32 refrigerant in Japan at the end of 2012, where millions have since been installed. Meanwhile, R-32 models have been introduced in many other countries and since 2013 as a first in Europe. From 2017 onwards the **full Sky Air and a large heating portfolio** will be available in R-32 as the first in Europe

Ururu Sarara | Daikin Emura | FTXM | Round Flow Cassette

Did you know?

The new European F-gas regulation 517/2014 includes a ban on some refrigerants in certain applications. R-32 is a perfect answer to this. **Daikin has introduced R-32 models 10 years ahead of time. The sooner the industry changes to lower GWP refrigerants, the better for the environment**.

GWP is not the only parameter

There is no refrigerant which can meet the needs of every kind of application. This means that Daikin had to evaluate its options carefully, taking into account not only the GWP or amount of refrigerant used, but also aspects such as energy efficiency, safety and affordability.

For example, selecting a refrigerant with a lower GWP but which uses more energy would not be a good choice, as it would be counterproductive for the total product's global warming impact.

Daikin, followed by other industry players, selected R-32 because it contributes to the EU F gas regulation targets, whilst being energy efficient, safe and affordable.

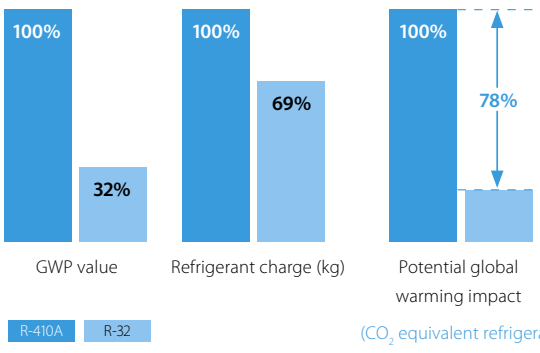
Advantages of R-32

The chemical name for R-32 is difluoromethane. It has been used for many years as a component of the refrigerant blend R-410A. Daikin and others in the industry recognise the advantages of using R-32 in its pure form.

	R-410A	R-32
Composition	Blend of 50% R-32 + 50% R-125	Pure R-32 (no blend)
GWP (Global Warming Potential)	2087.5	675
ODP (Ozone Depletion Potential)	0	0

Compared to R-410A, the GWP (Global Warming Potential) of R-32 is only one third, while it allows for a much smaller refrigerant volume. It contributes to the EU F-gas regulation targets, while being energy efficient, safe and affordable. R-32 is also easier to recycle and re-use. In addition, R-32 is easy to handle for installers and service technicians as it can be charged in both liquid and gas phase. And there is no need to worry about fractionation or glide problems.

Comparison example for Daikin Emura 3.5 kW model available in R-410A and R-32 version



(CO_2 equivalent refrigerant charge: kg x GWP)

Replacement technology Drastically improve your efficiency, comfort and reliability

Avoid unexpected downtime for your customers and upgrade their air conditioning systems now!

Installer benefits

Less installation time

Tackle more projects in less time thanks to **faster installation**. It is more profitable than replacing the full system with new piping.

Lower installation costs

Reducing installation costs enables you to offer customers the most **cost-effective** solution and improve your competitive edge.

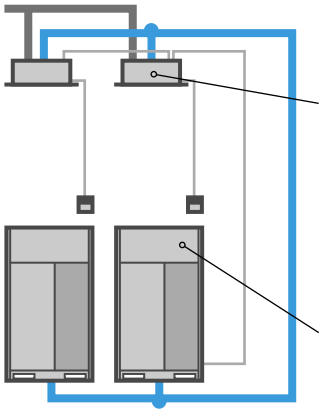
Replace competitor systems

It is a trouble-free replacement solution for Daikin systems and for systems made by other manufacturers.

Optimize your business

A simple solution for replacement technology enables you **to handle more projects** for more customers in less time and offer them the best price! Everybody gains.

Keep your refrigerant piping



The Daikin low-cost upgrade solution

! Replace indoor units (and BS boxes)

Contact your local dealer to check compatibility in case you need to keep the indoor units.

! Replace outdoor units

Customer benefits

Save on running costs

By upgrading your sytem, you install the units of today which have the latest technology providing even more energy savings.

Comparison based on EER

(efficiency of a residential product in cooling mode)

Comparison based on SEER

(efficiency of a residential product according to current seasonal legislation of a product in cooling mode)

No disturbance

Re-use your **existing piping** ensuring a quick and quality replacement allowing work to be done without affecting your comfort or business

Upgrade your comfort

Upgrade your comfort with cutting-edge design, low noise levels, WIFI controls and more…

It's all about A

Energy labels for heat generators and water heaters

From September 26, 2015, all space heating and hot water systems are required to display a label which clearly indicates the system's efficiency class. The new labelling requirements follow on from the adoption in 2010 of the energy labelling Directive (2010/30/EU). The primary aim of the Directive has been to remove poorly performing, energy inefficient products from the market. Only heat pumps with an efficiency class of A+ (for 55°C) or A (for low temperature heat pumps declared at 35°C) and better will be allowed in the market. Condensing gas and oil boilers will need at least a B label.
Daikin has been proactive in addressing the new energy requirements, through further improvements and additions to Daikin heating and hot water systems which guarantee energy efficiency to an `A' grade or higher.

Find out more on www.daikineurope.com

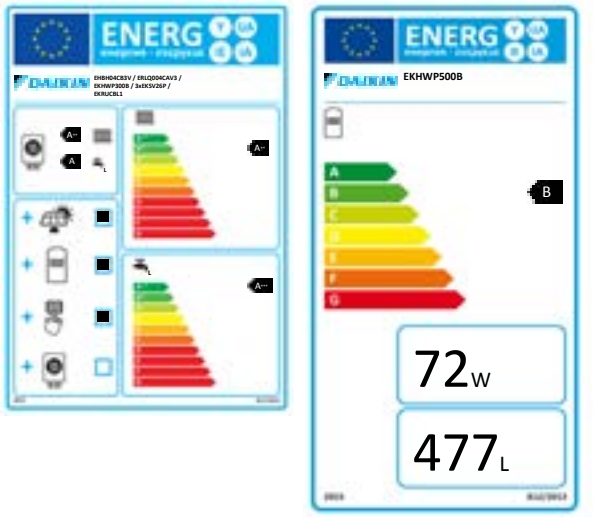
DAIKIN

Seasonal efficiency,

Smart use of energy

Challenging 20-20-20 environmental targets with Europe's energy label

The European Commission has set challenging targets for improving energy efficiency in the EU. These so-called 20-20-20 targets aim at a 20% reduction in CO_2 emissions, 20% share of renewable energy and a 20% reduction in the use of primary energy, all by the year 2020. To realise these objectives, Europe issued the Eco-Design Directive [2009/125/EC]. This sets minimum efficiency requirements for energy related products.



Air-to-Air heat pumps

Since 2013, all air conditioners and air-to-air heat pumps under 12 kW are in scope of this Eco-Design Directive. Products unable to comply with the minimum efficiency requirement (such as non-inverter air conditioners) will lose their CE marking and thus may no longer be sold in the European Union.

To inform consumers concerning these new energy performance standards, Europe also introduced a new energy label. The former European energy label, introduced in 1992, has had its effect. Consumers were able to compare and make purchasing decisions based on uniform labelling criteria. The new label that came into force on 1 January 2013 allows end-users to make even better informed choices, since seasonal efficiency reflects air conditioner efficiency over an entire season.

The energy label includes multiple classifications from A+++ to D reflected in colour shadings ranging from dark green (most energy efficient) to red (least efficient). Information on the label includes not only the new seasonal efficiency ratings for heating (SCOP) and cooling (SEER), but also annual energy consumption and sound levels.

Heating systems

Since September 2015, space heaters, combi heaters (Lot 1) and domestic hot water heaters (Lot 2) need to comply with these 20-20-20 targets. This gives the opportunity to the end user to choose the most efficient heating system for his specific solution by for example comparing oil boilers with air-to-water heat pumps.

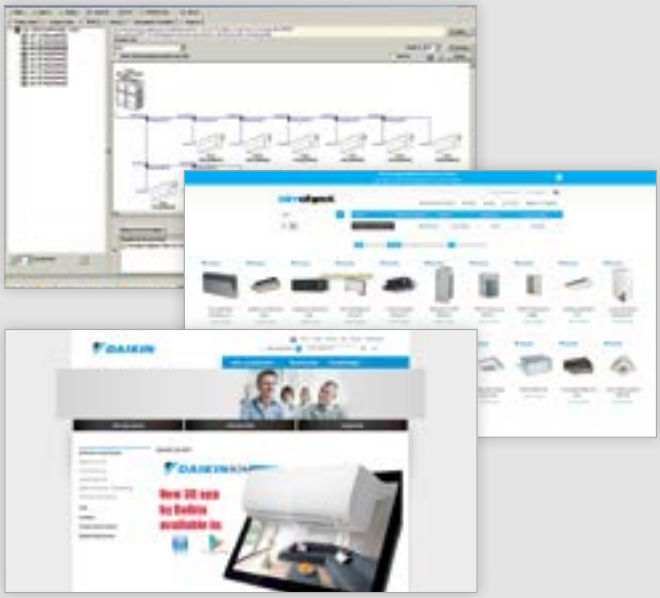
Ventilation

The EU has decided to extend this system of minimum seasonal efficiency requirements and energy labels also to ventilation systems, from January 2016 onwards. In this product range you will be able to download energy labels for VAM units.

Refrigeration

From July 2016 onwards, commercial condensing units and ZEAS are in scope of the EU legislation.

Tools and platforms



We're here to help you!

Literature

See all the literature available (catalogues, flyers, solution guides, product profiles, product portfolios, reference book ...)
› for you
› for your customers

www.daikineurope.com/support-and-manuals/catalogues

Sales supporting apps

We offer a variety of building modelling, selection, simulation and quotation software tools to support your sales.

The **Psychrometric Diagram Viewer** helps designers, consultants, students and other professionals to get more insight in our fields of activities: "the air that we condition"

www.daikineurope.com/support-and-manuals/software-downloads

Some of our most used apps:

There's an app for that

› **Daikin Altherma simulator:** for appropriate heat pump selection
› **3D app:** Allows you to choose the air conditioning and watch it at home BEFORE you buy!
› **Error code app:** quickly know the meaning of fault codes for each product family
› **Load calculation tool:** helps you to calculate the heat and cool laod of your building
› **Multi selection tool:** for quick calculation of multi split combinations & piping lengths
› **Xpress:** quick quotaton tool for VRV
› **Astra:** AHU design software
› **BIM models** for VRV units
› ...

Online support

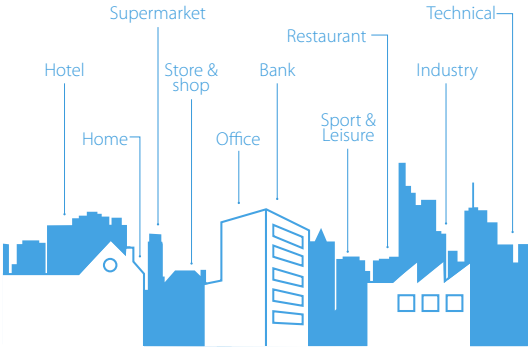
Business portal

- Experience our new extranet that thinks with you at my.daikin.eu
- Find information in seconds via a powerful search
- Customise the options so you see only info relevant for you
- Access via mobile device or desktop

my.daikin.eu

Internet

Find our solution for different applications:



- Get more commercial details on our flagship products via our dedicated minisites

www.daikineurope.com/commercial/applications

www.daikineurope.com/industrial/applications

- See our references

www.daikineurope.com/references

Pure air

Because Daikin cares

MC70L

The streamer technology air purifier, a blend of new technology, improved performance, and ultra quiet operation, is designed to care for you by unobtrusively providing **purified air** to produce a healthy home environment. Purified air improves the perception of **comfort** and, by **removing** and destroying **contaminants** and **odours**, the streamer technology air purifier also plays an essential role for those who suffer from **asthma** or **allergies**. These efforts place the streamer technology air purifier among the best residential air purifiers on the market today.

Three times purification, a good deed for your health

Pollen, dust and pet hair are just some of the potential causes of allergies, asthma and respiratory problems. A Daikin air purifier cleans the air and relieves you of these troubles thanks to a three-part operation:

- allergen removal
- virus and bacteria removal
- odour removal

What is the Daikin streamer technology ?

"Streamer Discharge" is a type of plasma discharge in which high speed electrons capable of **oxidative decomposition** are generated. It has the ability to **eliminate bacteria** and **mould** as well as hazardous **chemical substances** and **allergens**, etc. Compared to standard plasma discharge (glow discharge), the discharge range of Daikin's Streamer Discharge is wider, which makes it easier for electrons to collide with oxygen and nitrogen in the air. This enables high speed electrons to be generated three dimensionally over a wide area, which results in an oxidative decomposition speed that is over 1,000 times greater with the same electrical power. Daikin's Streamer Discharge technology has proven successful in stably generating high speed electrons, a feat that has been considered difficult up to now.

Main specifications

Daikin has already received great praise for its air purifiers: a British Allergy Foundation seal of approval and the TÜV Nord test mark confirm the efficiency of our units.

Six-layer powerful decomposition and removal configuration

1

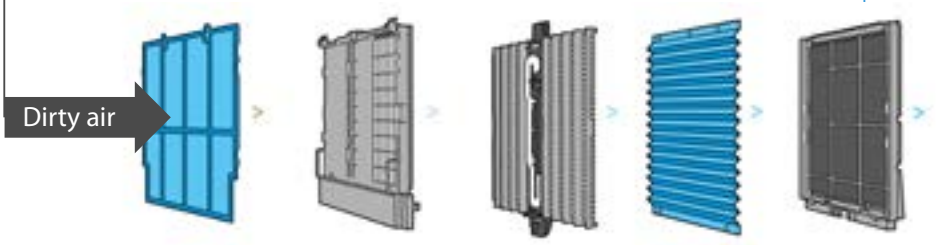
High-speed electrons are discharged [1] that enable decomposition and removal

Streamer discharge unit

6

Formaldehyde [4] and odours are decomposed

Deodorizing catalyst filter



2

Large dust particles are captured and pet hairs, bacteria and allergens are removed [2]

Prefilter

3

Dust and pollen are electrically charged and then sent to the filter

Plasma ionizer

4

Dust and pollen are absorbed by the electrically charged filter

Electrostatic dust collection filter (front of pleated dust collection filter)

5

Odours and viruses are caught

Titanium apatite filter (back of pleated dust collection filter)

- Stylish design
- Improved performance
- Unprecedented comfort
- Super quiet operation
- Easy to maintain
- Portable
- No installation

Indoor unit				MC70L
Applicable room area			m^2	46
Dimensions	Unit	HeightxWidthxDepth	mm	576x403x241
Weight	Unit		kg	8.5
Casing	Colour			White
Fan	Type			Multi Blade Fan (Sirocco fan with shroud assembly)
	Air flow rate	Air purifying operation Turbo/High/Medium/Low/Silent	m^3/h	420/285/210/130/55
Sound pressure level	Air purifying operation	Turbo/High/Medium/Low/Silent	dBA	48.0/39.0/32.0/24.0/16.0
Air purifying operation	Power input	Turbo/H/M/L/Silent	kW	0.065/0.026/0.016/0.010/0.007
Deodorizing method				Flash streamer / Titanium apatite deodorising filter / Deodorising catalyst
Bacteria filtering method				Flash streamer / Titanium apatite deodorising filter
Dust collecting method				Plasma ionizer / Electrostatic dust collection filter
Sign	Item	01/02/03/04/05/06/07/08/09/10/11		Dust: 3 stages/Odour: 3 stages/Automatic operation (LL-H)/Airflow rate (LL/L/M/H)/Turbo mode (HH)/Anti-pollen mode/Sleep mode/Lock (Anti-tamper)/Off timer (1.2.4h)/Maintenance: Filter replacement/Maintenance: Cleaning of ionization/streamer
Power supply	Phase/Voltage		V	1~/220-240/220-230

Humidification and purification in one

MCK75J

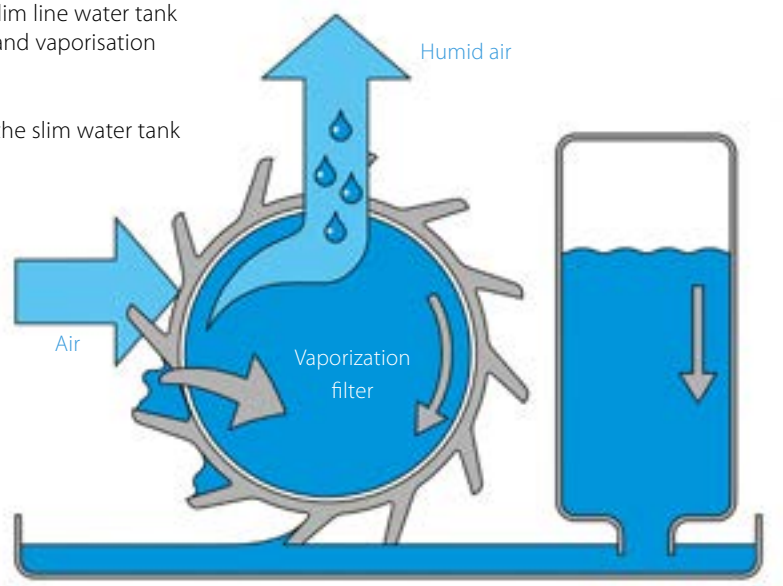
There are many substances in the air you breathe such as allergen, bacteria, virus and tobacco smoke, which causes your health to suffer. Above all things, dryness is especially a big issue during wintertime. Daikin Ururu Air Purifier **purifies and moisturizes** the air inside your home and relieves the effects of dry air. Just fill the 4l tank occasionally and it will humidify your room with a maximum volume of 600ml/h. This useful and innovative function stems from the incorporation of a slim line water tank and combined water wheel and vaporisation filter assembly.

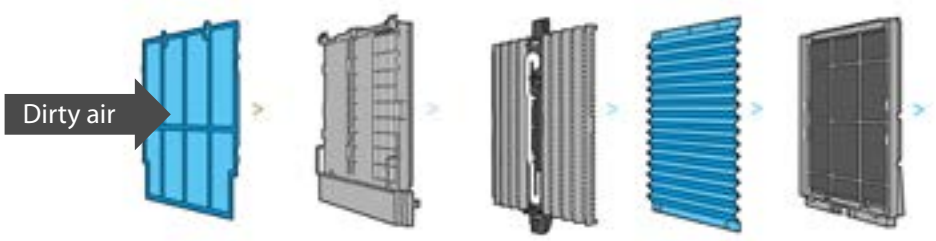
- Humidification thanks to the slim water tank
- Air purification

Daikin has already received great praise for its air purifiers: the Daikin TüV award confirms the efficiency of this unit.

How does the humidification function work?

Water in the tank flows into the receiver tray housing the water wheel, which lifts the water as it rotates and releases it onto the filter. Air blown onto the filter, absorbs its moisture and discharges it into the room as humidification.





5

Formaldehyde [4] and odours are decomposed

Deodorizing catalyst filter

1

Large dust particles are captured and pet hairs, bacteria and allergens are removed [2]

Prefilter

2

Dust and pollen are electrically charged and then sent to the filter

Plasma ionizer

3

Dust and pollen are absorbed by the electrically charged filter

Electrostatic dust collection filter (front of pleated dust collection filter)

4

Odours and viruses are caught

Titanium apatite filter (back of pleated dust collection filter)

How does the filter work?

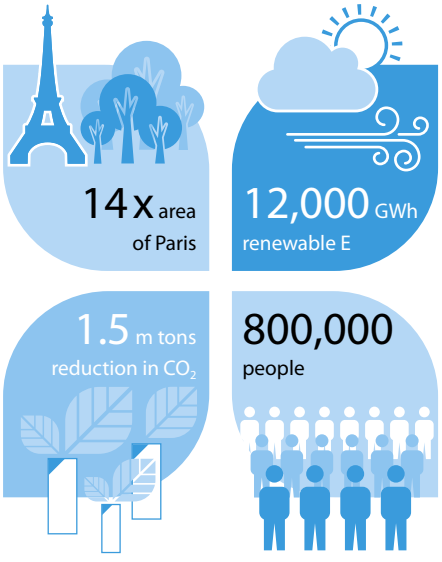
Daikin Ururu Air Purifier also removes efficiently allergens (e.g. pollen, dust, etc.), bacteria and viruses. Additionally, it has a high deodorizing efficiency; it eliminates efficiently tobacco smoke whilst decomposing other smells. It quickly collects particles and breaks them down rapidly. Its quiet operation makes it ideal for quiet nights. The unit includes seven pleated filters (one for immediate use and 6 spares).

Indoor unit					MCK75J
Application					Floor standing type
Applicable room area				m²	46
Dimensions	Unit	HeightxWidthxDepth		mm	590x395x268
Weight	Unit			kg	11.0
Casing	Colour				Black (N1) (Panel colour: silver)
Fan	Type				Multi Blade Fan (Sirocco fan with shroud assembly)
	Air flow rate	Air purifying operation	Turbo/High/Medium/Low/Silent	m³/h	450/330/240/150/60
		Humidifying operation	Turbo/High/Medium/Low/Silent	m³/h	450/330/240/150/120
Sound pressure level	Air purifying operation	Turbo/High/Medium/Low/Silent		dBA	50.0/43.0/36.0/26.0/17.0
	Humidifying operation	Turbo/High/Medium/Low/Silent		dBA	50/43/36/26/23
Humidifying operation	Power input	Turbo/H/M/L/Silent		kW	0.084/0.037/0.020/0.013/0.012
	Humidification	Turbo/High/Medium/Low/Silent		ml/h	600/470/370/290/240
	Water tank capacity			l	4.0
Air purifying operation	Power input	Turbo/H/M/L/Silent		kW	0.081/0.035/0.018/0.011/0.008
Deodorizing method					Flash streamer / Titanium apatite deodorising filter / Deodorising catalyst
Dust collecting method					Plasma ionizer / Electrostatic dust collection filter
Sign	Item	01			Dust: 3 stages / Odour: 3 stages / Air flow rate: auto/LL/L/M/H, Turbo mode HH, anti-pollen mode / Off timer: 1/4/8h / Cleaning: ionization/streamer
Power supply	Name/Phase/Frequency/Voltage			Hz/V	VM/1~/50/60/220-240/220-230
Type					Humidifying air purifier

10 years Daikin Altherma

A decade of comfort

Eco-friendly technology
We saved as much CO_2 as a forest 4 times the size of Paris would consume



Sustainable energy production
We produced 12.000 GWh of renewable energy

Low emission levels
We reduced our CO_2 emissions by 1.5 million tons

A growing community
We provided 800,000 people with responsible heating, hot water and cooling

10 years
Daikin Altherma

Heating

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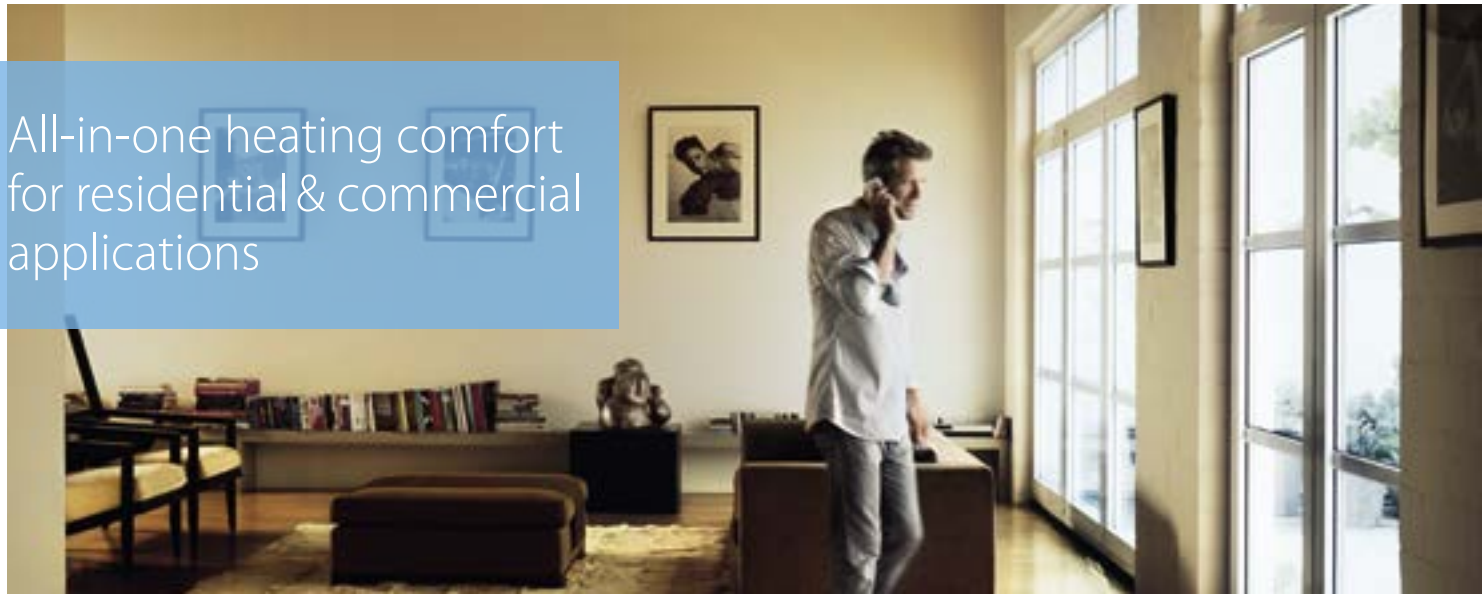
For latest data, please consult my.daikin.eu



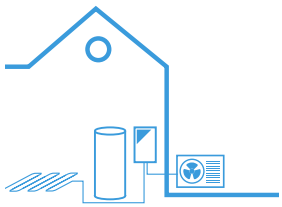
All-in-one heating comfort for residential & commercial applications

Why choose a Daikin heating system?

- More than **50 years of experience** in heat pumps
- Innovative heating technologies to **reduce running costs** and optimise renewable energy usage
- Research and development **in Europe for Europe**
- A solution for any application
- Combinable with **all kinds of heat emitters**
- **Always in control, no matter where you are with an app**

Control via app

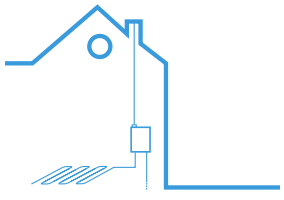
Solutions for space heating and domestic hot water



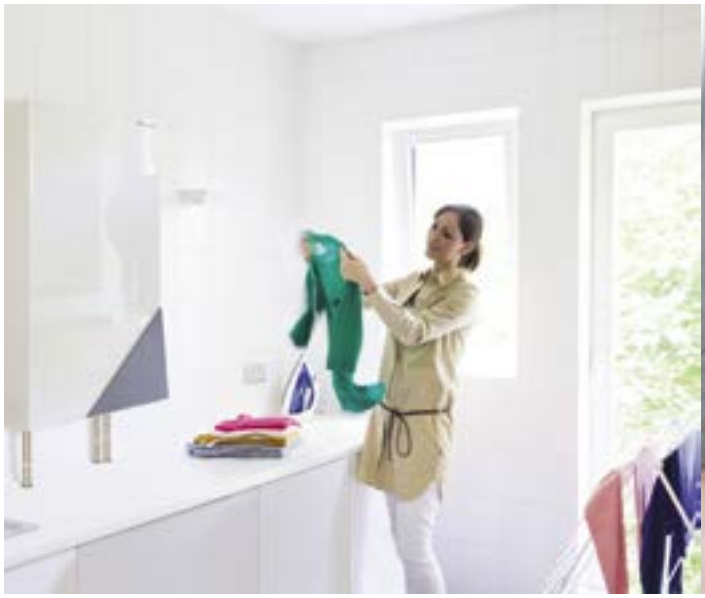
Air to water heat pump technology: extracting heat from the outside air
› Guaranteed heating capacity down to -25°C: no need to worry in winter time
› Solar connection possible for electricity and domestic hot water support to optimise renewable energy use

Hybrid heat pump technology: gas condensing technology combined with air-to-water technology
› Most economical operation mode is selected depending on energy prices, outdoor temperature and internal heat load
› Optimisation of both technologies

Ground to water heat pump technology: extracting heat from the ground
› Ideal for climates where the average winter ambient temperature drops below 3°C
› High seasonal efficiency thanks to stable underground temperatures



Gas condensing technology:
› Low costs for **both** heating and hot water thanks to new dual heat exchanger
› Easy installation in minimum space by using our optional pre-assembled B-pack which contains all the components for the functional installation in one module and fits behind the boiler



Optimal comfort
… all combined into one system

› Heating
› Domestic hot water with optional solar support
› Cooling
› Easy control

A solution for any application

› New build
› Low energy houses
› Renovation of complete heating system
› Renovation without changing radiators/piping
› Bivalent solution: combination of current heating system with Daikin heating system

Combinable with all kinds of heat emitters

Depending on the needs of your customer, you can select a system combinable with
› Under floor heating
› Heat pump convectors
› Low temperature radiators
› High temperature radiators (up to 80°C)

Solutions for domestic hot water only

Air to water technology: extracting heat from the outside air to heat up the water.
› Perfect solution when replacing an electric domestic hot water tank
› Ideal to combine with a drain-back or pressurised solar system to optimise energy savings
› Water temperatures of up to 55°C with heat pump operation only

Always in control, no matter where you are*

› App control with Daikin's online controller
  » to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
  » to keep an eye on your energy consumption

Control via app

Utilise renewable energy to create a self-sustaining heating system*

› thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
› photovoltaïc support: use electricity from your photovoltaïc solar collectors to provide energy for your heat pump

* Applicable for Daikin Altherma hybrid heat pump, low temperature split and 5-8kW monobloc, ground source heat pump and domestic hot water heat pump

ECH_2O range domestic hot water comfort, fit for the future

Domestic hot water is key to your home comfort. DAIKIN's ECH_2O range of thermal stores is fit for the future. Easy to install, you can rely on this high quality DAIKIN product for instantaneous domestic hot water at any time. Combinable with solar energy, ECH_2O guarantees high (energy) efficiency, while maintaining full hygiene standards and safety. Finding the most efficient way for hot water, is our business. That is as clear as water for DAIKIN.

The benefits

Additional domestic hot water comfort

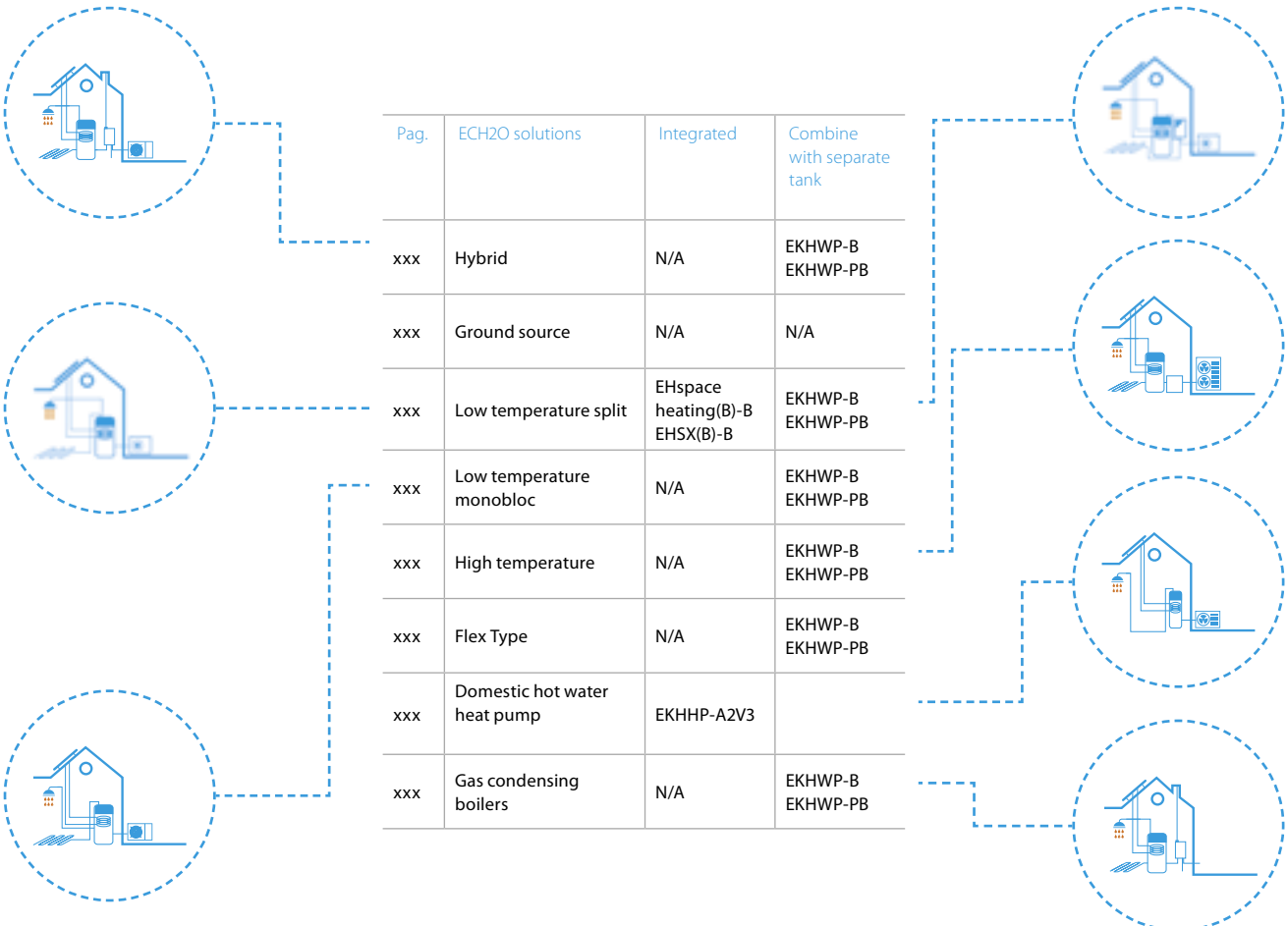
› Fresh water principle
domestic hot water production on demand – always fresh water
Minimum volume of stored domestic hot water, no risk of contamination & sedimentation
› Optimal Domestic hot water performance
Tapping performance for optimum domestic hot water comfort
Slow temperature evolution avoiding sudden temperature drops

Fit for future : included today, activated 'tomorrow'

› Smart grid ready
Space heating + domestic hot water at lowest energy tariffs and energy storage
› Integrated solar energy: solar thermal or PV energy
For maximum use of renewable energy in space heating & domestic hot water
Maximised sage of self produced thermal energy or electricity
› Integration of other heatsources
In new built : fire place, water pocket
In renovation: existing boiler

Flexible installation options

› Easy cascade
Easy connections of multiple heat pumps - working as one
› Lightweight & robust
Easy handling, even the 500l storage tank



Pag.	ECH2O solutions	Integrated	Combine with separate tank
xxx	Hybrid	N/A	EKHWP-B EKHWP-PB
xxx	Ground source	N/A	N/A
xxx	Low temperature split	EHspace heating(B)-B EHSX(B)-B	EKHWP-B EKHWP-PB
xxx	Low temperature monobloc	N/A	EKHWP-B EKHWP-PB
xxx	High temperature	N/A	EKHWP-B EKHWP-PB
xxx	Flex Type	N/A	EKHWP-B EKHWP-PB
xxx	Domestic hot water heat pump	EKHHP-A2V3	
xxx	Gas condensing boilers	N/A	EKHWP-B EKHWP-PB

Online controller

BRP069A61/62

Always in control,
no matter where you are

The Daikin Online Controller application can control and monitor the status of your heating system and allows you to:

Monitor:
› The status of your heating system
› Consult **energy consumption graphs**
› The power consumption

Schedule:
› Schedule the set temperature and operation mode with up to **6 actions per day for 7 days**
› Enable **holiday mode**
› View in an intuitive mode

› Control:
› The **operation mode** and set temperature
› Remotely control your system and domestic hot water
› **Zone control**: control **multiple** units at once (Daikin Altherma integrated bi-zone only)
› 3rd party products & services integration via IFTTT

IFTTT: make your work flow

IFTTT is a solution that connects compatible 3rd party products and services (smart meters, lights, thermostats, ...), so they work best for you.

Within IFTTT, 2 operation set-ups can be made:

› DO: it simply executes an action (e.g.: on/off)
› IFTTT stands for If This Then That and allows you to automate actions (Then That) depending on certain triggers (If This)

Example

IF you exit an area, **THEN** turn off the heating.

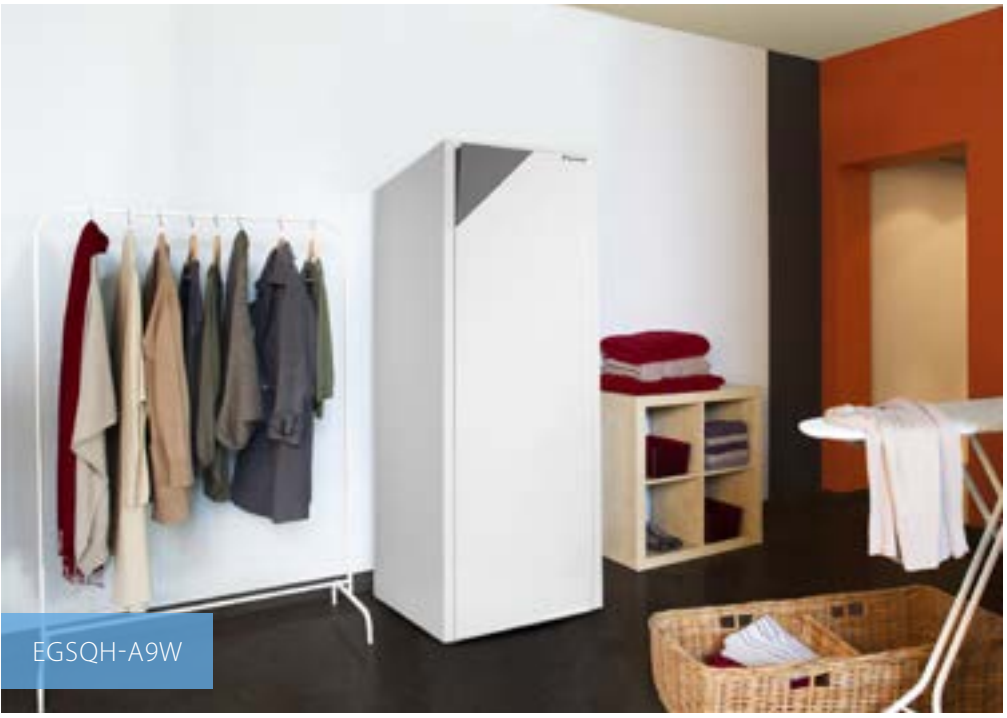
The trigger is location, which is determined by your smartphone. If you leave an area, such as your house for example, your heating will turn off automatically.

EHVH(X)-CB

EBLQ-CV3

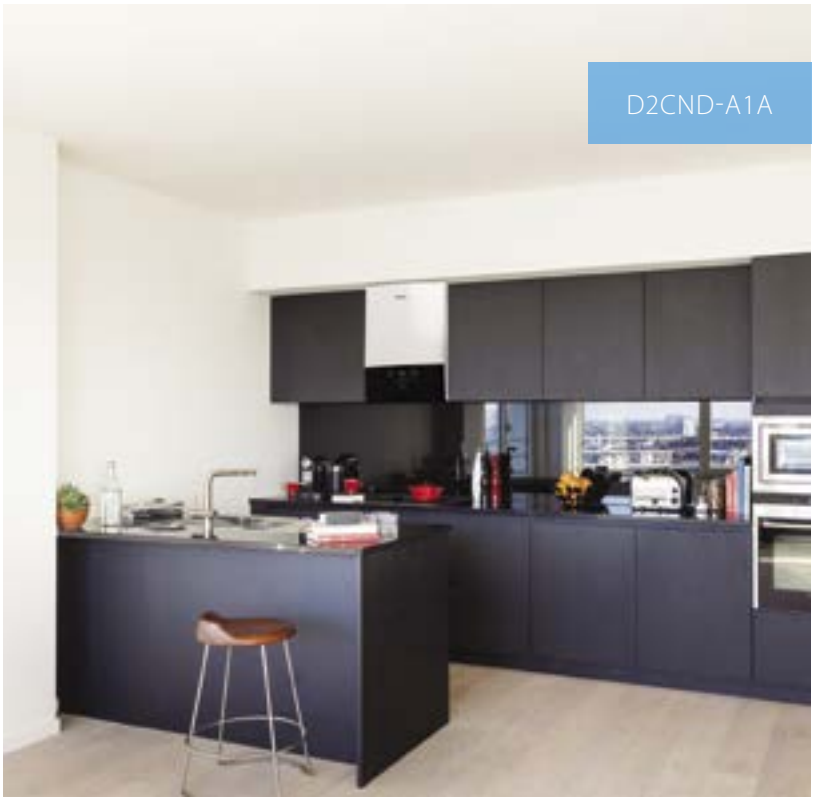
ERLQ-CV3

EHBH(X)-CB



EGSQH-A9W

BRP069A61/62



D2CND-A1A

Products overview

Solutions for heating and domestic hot water

Solutions	Hybrid technology	Ground-to-water technology	
	Daikin Altherma hybrid heat pump	Daikin Altherma ground source heat pump	Daikin Altherma low temperature split
Different technologies			
Energy label	› heating: up to A++ › hot water: A	› heating: A++ › hot water: A	› heating: A++ › hot water: up to A+++
Applications	› Ideal for replacement of a gas boiler	› Suitable for new houses and for renovations	› Ideal for new houses, low energy houses or together with an existing boiler (bivalent)
Functionalities	› Space heating › Domestic hot water › Cooling › Solar connection for hot water production › Solar connection for electricity production (photovoltaïc) › Online controller	› Space heating › Domestic hot water › Solar connection for electricity production (photovoltaïc) › Online controller	› Space heating › Domestic hot water › Cooling › Solar connection for hot water production › Solar connection for electricity production (photovoltaïc) › Online controller* * not available on E(D/B)(L/H)Q011-016BB6V3/W1
Installation	› 1 indoor unit + 1 gas condensing boiler › 1 outdoor unit	› 1 indoor unit	› 1 indoor unit › 1 outdoor unit
Different emitters	› Under floor heating › Low and high temperature radiators	› Under floor heating › Fan coil units › Heat pump convector › Low and high temperature radiators	› Under floor heating › Low temperature radiators › Fan coil units › Heat pump convector

Solutions for heating and domestic hot water				Solution for domestic hot water only
Air-to-water technology			Combustion	
Daikin Altherma low temperature monobloc	Daikin Altherma high temperature split	Daikin Altherma Flex Type	Gas condensing boiler	Domestic hot water heat pump
			NEW	
	› heating: A+ › hot water: B	› heating: A+ › hot water: A	› heating: A › hot water: A	› hot water: A
	› Ideal for replacement of a traditional boiler	Ideal for large hot water and heating requirements in › Apartments › Collective housing › Hotels › Fitness › Spa › Schools › Hospitals › Libraries	› Ideal for replacement of an existing gas boiler	› Ideal for replacement of an electric domestic hot water tank
	› Space heating › Domestic hot water › Solar connection for hot water production	› Space heating › Domestic hot water › Cooling (Heat recovery)	› Space heating › Domestic hot water	› Domestic hot water › Solar connection for hot water production
› 1 outdoor unit	› 1 indoor unit › 1 outdoor unit	› Several indoor units › 1 or more outdoor units	› 1 indoor unit	› 1 indoor unit › 1 outdoor unit
	› High temperature radiators	› Under floor heating › Low temperature radiators › Fan coil units › Heat pump convector	› Under floor heating › Radiators	› Tap water

Combination tables

Hybrid / Ground source / Domestic hot water / Gas condensing boiler

	Hybrid					Ground source	Domestic hot water		Gas condensing boiler							
	Heat pump - wall mounted				Gas condensing boiler		EKHHP-A2V3									
	EHYHBH-AV32		EHYHBX-AV3		EHYKOMB-AA2 EHYKOMB-AA3	EGSQH-A9W	300	500	EKOMB-AH			EKOMBG-A			D2CND/ D2TND-A1/4A	
	05	08	05	08	33	10S18	ERWQ-AV3		22	28	33	22	28	33		
-25°	EVLQ-CV3		EVLQ-CV3				02									
Heating only	•	•			•	•	-		•	•	•	•	•	•	•	•
Heating and cooling			•	•			-		-						-	
Domestic hot water	pre-heated by heat pump		pre-heated by heat pump		flow-through principle	Integrated	Integrated (Drainback / Pressured)		-						-	
Thermal solar connection	BRP069A61/62					BRP069A61/62	BRP069A61/62		-						BRP069A45/46	

Low temperature split

	Wall mounted						Wall mounted						Floor standing						Floor standing						Floor standing					
	EHBH-CB						EHBX-CB						EHVH-CB						EHVX-CB						EHSH-B					
	4	8		11	16		4	8		11	16		4	8		11	16		4	8		11	16		4	8		11	16	
-25°	ERLQ-CV3			ERLQ-CV3/ CW1			ERLQ-CV3			ERLQ-CV3/ CW1			ERLQ-CV3			ERLQ-CV3/ CW1			ERLQ-CV3			ERLQ-CV3/ CW1			ERLQ-CV3			ERLQ-CV3/ CW1		
	4	6	8	11	14	16	4	6	8	11	14	16	4	6	8	11	14	16	4	6	8	11	14	16	4	6	8	11	14	16
-20°				ERHQ-BV3/BW1						ERHQ-BV3/BW1						ERHQ-BV3/BW1															
				11	14	16				11	14	16				11	14	16												
Heating only	•	•	•	•	•	•							•	•	•	•	•	•							•	•	•	•	•	•
Heating and cooling							•	•	•	•	•	•							•	•	•	•	•	•						
Domestic hot water / Drainback	EKHWP300-500B			EKHWP500B			EKHWP300-500B			EKHWP500B			-						-						Integrated					
Domestic hot water / Pressured	EKHWP300-500PB			EKHWP500PB			EKHWP300-500PB			EKHWP500PB			-						-						-					
Domestic hot water	EKHWS150-300B EKHWE150-300A						EKHWS150-300B EKHWE150-300A						Integrated						Integrated											
Thermal solar connection	BRP069A45/46						BRP069A61/62						BRP069A61/62						BRP069A61/62						EHS157056					
																									Integrated					

Heating only · Heating and cooling · Domestic hot water · Thermal solar connection

Heating

Flex Type

High temperature

		EKHBRD-ADV1						EKHVMRD-AB						EKHVMYD-AB						EKHBRD-ADV1		
	kW			11		14	16			11		14	16			11		14	16	11	14	16
-15°		EMRQ-A						EMRQ-A						EMRQ-A						-20° ERRQ-AV1 ERRQ-AY1		
	HP	8	10		12	14	16	8	10		12	14	16	8	10		12	14	16			
	KW																			11	14	16
																				-20° ERSQ-AV1 ERSQ-AY1		
		•	•	•	•	•	•	•	•	•	•	•	•							•	•	•
														•	•	•	•	•	•			
Drainback	EKHWP-B	300-500						300-500						300-500						300-500		
Pressured	EKHWP-PB	300-500						300-500						300-500						300-500		
	EKHTS-AC	200-260						200-260						200-260						200-260		
		-						-						-						-		

Low temperature monobloc

		EDLQ-CV3		EDLQ-BB6V3 EDLQ-BB6W1			EDLQ-CV3		EBLQ-BB6V3 EBLQ-BB6W1		
		5	7	11	14	16	5	7	11	14	16
-15°				EDHQ-BB6V3 EDHQ-BB6W1					EBHQ-BB6V3 EBHQ-BB6W1		
				11	14	16			11	14	16
		•	•	•	•	•					
							•	•	•	•	•
Drainback	EKHWP-B	300 - 500		500			300 - 500		500		
Pressured	EKHWP-PB	300 - 500		500			300 - 500		500		
	EKHWS-B EKHWE-A	150-200-300					150-200-300				
	BRP069A61/62	•	•	-			•	•	-		

Floor standing				Floor standing				Floor standing			
EHSX-B				EHSHB-B Bivalent				EHSXB-B Bivalent			
4	8	11	16	4	8	11	16	4	8	11	16
ERLQ-CV3		ERLQ-CV3/ CW1		ERLQ-CV3		ERLQ-CV3/ CW1		ERLQ-CV3		ERLQ-CV3/ CW1	
4	6	8	11	14	16	4	6	8	11	14	16	4	6	8	11	14	16
															ERHQ-BV3/ BW1		
															11	14	16
						•	•	•	•	•	•						
•	•	•	•	•	•							•	•	•	•	•	•
Integrated						-						-					
-						Integrated						Integrated					
-						-						-					
EHS157056						EHS157056						EHS157056					
Integrated						Integrated						Integrated					

Online controller

Photovoltaic connection

Daikin Altherma hybrid heat pump, the natural combination

Why choose Daikin Altherma hybrid heat pump?

- **Low running costs** for heating and domestic hot water compared to traditional boilers
- Low investment cost
- **Ideal for renovation** applications with 27 kW gas boiler and 5 or 7 kW heat pump
- Easy and fast installation

Low running costs

Gas condensing boiler

1. Space heating
Daikin Altherma hybrid heat pump smartly chooses between the heat pump and/or the gas boiler, possibly in simultaneous operation based on
› energy prices
› outdoor temperature
› the internal heat load
always selecting the most economical mode to operate.

2. Domestic hot water: heated using gas condensing technology
› Efficiency increase of up to 10-15% compared to traditional gas condensing boilers thanks to a special dual heat exchanger:
› cold tap water flows directly into the heat exchanger
› optimal and continuous condensing of the flue gases during domestic hot water preparation

Low investment cost

› No need to replace the existing radiators (up to 80°C) and pipe work
› Compact dimensions: space needed for the new system is very similar to that of an existing system

Ideal for renovation applications

› All heat loads are covered up to 27 kW

Easy and fast installation: 3 components

› Heat pump outdoor unit
› Heat pump indoor unit
› Gas condensing boiler

Heat pump indoor unit

Always in control, no matter where you are

› App control with Daikin's online controller
» to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
» to keep an eye on your energy consumption

Control via app

Utilise renewable energy to create a self-sustaining heating system

› thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
› photovoltaïc support: use electricity from your photovoltaïc solar collectors to provide energy for your heat pump

Daikin Altherma hybrid heat pump

Hybrid technology combining gas and air to water heat pump for heating and hot water

- Daikin Altherma hybrid heat pump combines air-to-water heat pump technology with gas condensing technology
- Depending on outdoor temperature, energy prices and internal heat load, Daikin Altherma hybrid heat pump always selects the most economical mode to operate
- Low investment cost: no need to replace the existing radiators (up to 80°C) and pipe work
- Provides sufficient heat in renovation applications as all heat loads are covered up to 32kW
- Easy and fast installation thanks to the compact dimensions and quick interconnections
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EHYHBH(X)-AV3(2) / EHYKOMB-A2/3

EVLQ-CV3

EKRUCBL

Efficiency data				EHYHBH/EHYHBX + EVLQ	05AV32 + 05CV3	08AV32 + 08CV3	08AV3 + 08CV3
Space heating	Average climate water outlet 55°C	General	SCOP		3.28	3.24	3.29
			ηs (Seasonal space heating efficiency)	%	128	127	129
			Seasonal space heating eff. class		A++		
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	-		
			Seasonal space heating eff. class		-		
Domestic hot water heating	General	Declared load profile			XL		
	Average climate	ηwh (water heating efficiency)		%	95.8		
		Water heating energy efficiency class			A		
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	7.40 (1) / 6.89 (2)	7.40 (3) / 6.89 (4)
Cooling capacity	Nom.			kW	-		6.86 (4) / 5.36 (4)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.66 (1) / 2.01 (2)	1.66 (3) / 2.01 (4)
	Cooling	Nom.		kW	-		2.01 (3) / 2.34 (4)
COP					5.04 (1) / 3.58 (2)	4.45 (1) / 3.42 (2)	4.45 (3) / 3.42 (4)
EER					-		3.42 (3) / 2.29 (4)

Indoor Unit				EHYHBH/X	05AV32	08AV32	08AV3	EHYKOMB33AA2	EHYKOMB33AA3
Central heating	Heat input Qn (net calorific value)	Nom	Min-Max	kW	-			7.6 / 6.2 / 7.6-27 / 22.1 / 27	
	Output Pn at 80/60°C	Min-Nom		kW	-			8.2 / 6.7 / 8.2-26.6 / 21.8 / 26.6	
	Efficiency	Net calorific value		%	-			98 / 107	
	Operation range	Min/Max		°C	-			15/80	
Domestic hot water	Output	Min-Nom		kW	-			7.6-32.7	
	Water flow	Rate	Nom	l/min	-			9.0 / 15.0	
	Operation range	Min/Max		°C	-			40/65	
Gas	Connection	Diameter		mm	-			15	
	Consumption (G20)	Min-Max		m^3/h	-			0.78-3.39	
	Consumption (G25)	Min-Max		m^3/h	-			0.90-3.93	
	Consumption (G31)	Min-Max		m^3/h	-			0.30-1.29	
Supply air	Connection			mm	-			100	
	Concentric				-			Yes	
Flue gas	Connection			mm	-			60	
Casing	Colour				White			White - RAL9010	
	Material				Precoated sheet metal				
Dimensions	Unit	HeightxCasingxIntegrated on indoor unitxWidth		mm	902x450x164			710x-x450x240	820x-x490x270
Weight	Unit	Empty		kg	30	31.2		36	
Power supply	Phase/Frequency/Voltage			Hz/V	-			1~/50/230	
Electrical power consumption	Max.			W	-			55	
	Standby			W	-			2	
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25				
		Water side	Min.~Max.	°C	25~55				
	Cooling	Ambient	Min.~Max.	°CDB	-~-		10~43		
		Water side	Min.~Max.	°C	-~-		5~22		
Notes					-			For water circuit central heating, safety valve: refer to EHYHB*	

Outdoor Unit				EVLQ	05CV3	08CV3
Dimensions	Unit	HeightxWidthxDepth		mm	735x832x307	
Weight	Unit			kg	54	56
Compressor	Quantity				1	
	Type				Hermetically sealed swing compressor	
Operation range	Heating	Min.~Max.		°CWB	-25~25	
Refrigerant	Type				R-410A	
	GWP				2,087.5	
	Charge			TCO_2eq	3.0	3.3
				kg	1.5	1.6
	Control				Expansion valve (electronic type)	
Sound power level	Heating	Nom.		dBA	61	62
Sound pressure level	Heating	Nom.		dBA	48	49
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230	
Current	Recommended fuses			A	20	

(1) Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C) (3) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C)
(4) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Daikin Altherma ground source heat pump

Why choose Daikin?

The simple answer is that it is more efficient than an on/off ground source heat pump. Thanks to high efficiencies resulting from our **inverter technology**, the Daikin Altherma ground source heat pump provides a **leading edge performance**.

Highest seasonal efficiency thanks to our inverter heat pump technology

The Daikin inverter heat pump technology has been shown to provide an increase in seasonal efficiency of up to 20% when compared to traditional on/off ground source heat pumps.
Higher brine temperatures during continuous compressor operation, in partial load conditions
Less back up heater operation thanks to the boosting of the inverter compressor frequency.

Quick and easy installation including a domestic hot water tank

Installation time is reduced up to 5 hours thanks to the compact designed unit that includes both the space heating and the brine expansion vessel.

Flexibility covering multiple house types

Providing a solution which can cover heat loads from 3-12 kW means replacement of a 6 to 12 kW range is possible with one single unit. This is not only a flexible solution but also space saving.

No affected surroundings

Very limited outdoor space is required, except for the necessary space to prepare the excavation works.

Always in control, no matter where you are

Control via app

› App control with Daikin's online controller
  » to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
  » to keep an eye on your energy consumption

Utilise renewable energy to create a self-sustaining heating system

› thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
› photovoltaïc support: use electricity from your photovoltaïc solar collectors to provide energy for your heat pump

Daikin Altherma ground source heat pump

Ground source heat pump for heating & hot water

- Ground source heat pump technology uses stable geothermal energy, unaffected by the outside temperature
- Highest seasonal efficiency thanks to our inverter heat pump technology
- Quick and easy installation thanks to factory-fitted piping on top of the unit and reduced overall weight
- Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- User interface with thermostat function for higher comfort, quick commissioning, easy servicing and energy management to control energy consumption and costs
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption

EGSQH-A9W

EKRUCBL

Indoor Unit					EGSQH	10S18A9W
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%		144
			Seasonal space heating eff. class			A++
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%		202
			Seasonal space heating eff. class			A++
Domestic hot water heating	General	Declared load profile				L
	Average climate	ηwh (water heating efficiency)		%		93.1
		Water heating energy efficiency class				A
Heating capacity	Min.			kW		3.11 (1) / 2.47 (2)
	Nom.			kW		10.2 (1) / 9.29 (2)
	Max.			kW		13.0 (1) / 11.9 (2)
Power input	Nom.			kW		2.34 (1) / 2.82 (2)
COP						4.35 (1) / 3.29 (2)
Casing	Colour					White
	Material					Precoated sheet metal
Dimensions	Unit	Height/Width/Depth		mm		1,732/600/728
Weight	Unit			kg		210
Tank	Water volume			l		180
	Insulation	Heat loss		kWh/24h		1.36
	Corrosion protection					Anode
Operation range	Domestic hot water	Water side				-
Refrigerant	Type					R-410A
	GWP					2,087.5
	Charge			TCO_2eq		3.76
				kg		1.80
	Control					Electronic expansion valve
Sound power level	Nom.			dBA		46.0
Sound pressure level	Nom.			dBA		32.0
Power supply	Name/Phase/Frequency/Voltage			Hz/V		9W/3~/50/400
Current	Recommended fuses			A		25

(1) EWB/LWB 0°C/-3°C - LWC 35°C (DT=5°C) (2) EWB/LWB 0°C/-3°C - LWC 45°C (DT=5°C) (3) Contains fluorinated greenhouse gases

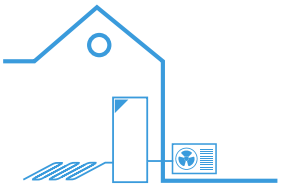
Daikin Altherma low temperature
The natural choice

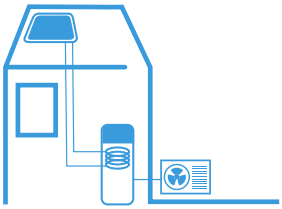
Why choose Daikin Altherma low temperature?

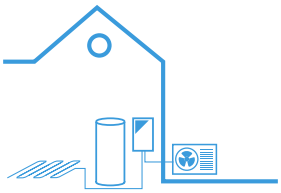
Daikin Altherma low temperature offers a wide range to adapt to your customer's needs.

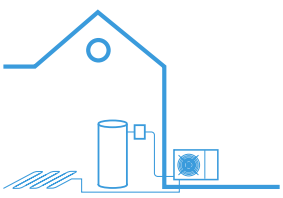
- Ideal for **new builds**
- Heating, domestic hot water and cooling with optional solar support
- Capacities from 4 to 16 kW
- Combinable with **under floor heating**, heat pump convectors and low temperature radiators
- Easy control
- **Flexible solutions**: split floor standing, split wall mounted, monobloc
- **Control via app**

Control via app









Daikin Altherma low temperature split

› **Best seasonal efficiencies providing the highest savings on running costs**
› **Perfect fit for new builds, as well as for low-energy houses**

Floor-standing unit with integrated domestic hot water tank

Compact and yet 100% comfort guaranteed

› All components and connections factory-mounted
› Very small installation footprint required
› Minimum electrical input with constantly available hot water
› Bi-zone option: two temperature zones automatically regulated by the same indoor unit

Integrated solar unit and domestic hot water tank

Maximising renewable energy with top comfort for hot water preparation

› Solar support for domestic hot water
› Lightweight plastic tank
› Bivalent option: can be combined with a secondary heat source
› App control available

Wall mounted unit

High flexibility for installation and domestic hot water connection

› Compact unit with small installation space: almost no side clearance required
› Can be combined with a separate domestic hot water tank of up to 500 litres, with or without solar support

Monobloc outdoor unit

Ideal when indoor space is limited

› Compact monobloc for space heating & cooling with optional domestic hot water
› Fuss-free installation: only water and electricity connections are required
› Reliable operation down to -25°C (outside) thanks to effective frost-protection features

Typical application:

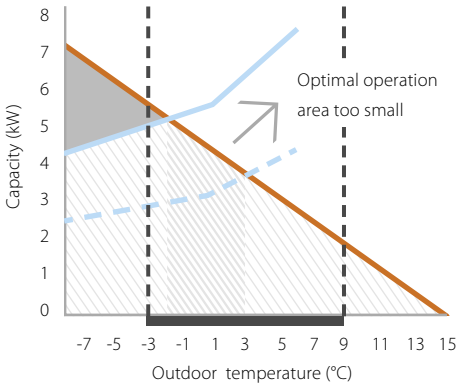
- Location: Paris
- Design temperature: -7°C
- Heat load: 7kW
- Heating off temperature: 16°C

Case Study

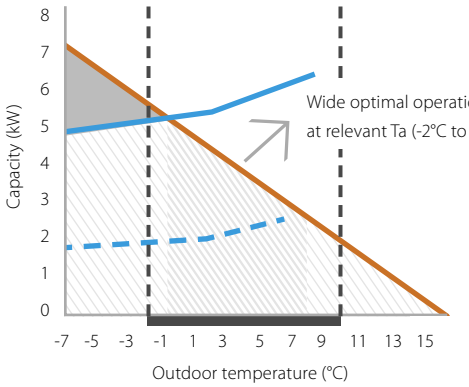
Efficient partial-load operation is especially important for the temperature range where the highest heat output is required. Typically, 80% of the total heat output is required in an outdoor temperature range of -2°C to 10°C. Achieving high efficiencies in this temperature range, contributes strongly to high seasonal efficiencies.

- Largest part of heat output delivered at optimal efficiencies
- Less on/off operation when heat load becomes lower than the minimum capacity the heat pump can deliver, optimising efficiency and comfort
- Modulating range doubled vs standard air-to-water heat pumps
- New range delivers around 1kW additional in full-load condition at -7°C (+25%)

Standard heat pump



Daikin Altherma



Resulting in the best possible effficiencies

- heat load line
- standard heat pump max capacity
- standard heat pump min capacity
- ERLQ006CAV3 max capacity
- ERLQ006CAV3 min capacity

Always in control, no matter where you are*

- App control with Daikin's online controller
  - » to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
  - » to keep an eye on your energy consumption

Control via app

Utilise renewable energy to create a self-sustaining heating system*

- thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
- photovoltaïc support: use electricity from your photovoltaïc solar collectors to provide energy for your heat pump

* Applicable for Daikin Altherma low temperature split and 5-8kW monobloc

Daikin Altherma low temperature split integrated solar unit

Floor standing air to water heat pump for **heating and hot water with thermal solar support**

- Integrated solar unit, offering top comfort in heating and hot water
- Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- Solar support of domestic hot water with pressureless (drain-back) solar system
- Intelligent Heat Store management: continuous heating during defrost mode, and use of stored heat for space heating
- Heat loss is reduced to a minimum thanks to the high quality insulation
- App control possible for managing heating and hot water operation
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump

Efficiency data				**EHSH + ERLQ**	**04P30B + 004CV3**	**08P30B + 006CV3**	**08P50B + 006CV3**	**08P30B + 008CV3**	**08P50B + 008CV3**	**16P50B + 011CV3**	**16P50B + 014CV3**	**16P50B + 016CV3**	**16P50B + 011CW1**	**16P50B + 014CW1**	**16P50B + 016CW1**
Heating capacity	Nom.			kW	4.26(1)/3.47(2)/ 4.53(3)/3.98(4)	5.14(1)/4.60(2) /6.06(3)/5.78(4)		5.53(1)/5.51(2) /7.78(3)/7.27(4)		5.95(1)/7.74(2)/ 11.80(3)/10.40(4)	8.28(1)/9.57(2)/ 14.81(3)/13.73(4)	15.34(1)/14.86(2)/ 8.04(3)/10.05(4)	5.95(1)/7.74(2)/ 11.80(3)/10.40(4)	8.28(1)/9.57(2)/ 14.81(3)/13.73(4)	8.04(1)/10.05(2)/ 15.34(3)/14.86(4)
Power input	Heating	Nom.		kW	0.87(1)/1.04(2)/ 1.49(3)/0.85(4)	1.30(1)/1.58(2) /1.88(3)/1.26(4)		1.69(1)/2.04(2) /1.98(3)/1.56(4)		2.57(1)/3.13(2)/ 2.43(3)/2.35(4)	3.42(1)/4.07(2)/ 3.17(3)/2.93(4)	3.42(1)/4.07(2)/ 3.17(3)/2.93(4)	2.57(1)/3.13(2)/ 2.43(3)/2.35(4)	3.42(1)/4.07(2) /3.17(3)/2.93(4)	
COP					5.23(1)/3.84(2)/ 2.85(3)/4.07(4)	4.65(1)/3.66(2) /2.73(3)/3.64(4)		4.60(1)/3.57(2) /2.78(3)/3.54(4)		4.38(1)/3.32(2)/ 2.45(3)/3.29(4)	4.27(1)/3.34(2)/ 2.58(3)/3.22(4)	4.10(1)/3.22(2)/ 2.44(3)/3.15(4)	4.38(1)/3.32(2)/ 2.45(3)/3.29(4)	4.27(1)/3.34(2)/ 2.58(3)/3.22(4)	4.10(1)/3.22(2)/ 2.44(3)/3.15(4)
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	130	125		127		125	126	125		126	125
			Seasonal space heating eff. class		A++										
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	-										
			Seasonal space heating eff. class		-										
Domestic hot water heating	General	Declared load profile			L		XL	L		XL					
	Average climate	ηwh (water heating efficiency)		%	103	98	102	90	96	83					
		Water heating energy efficiency class			A										

Indoor Unit				**EHSH**	**04P30B**	**08P30B**	**08P50B**	**08P30B**	**08P50B**	**16P50B**
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)					
	Material				Impact resistant polypropylene					
Dimensions	Unit	HeightxWidthxDepth		mm	1,945 / 1,890x615x595		1,945 / 1,890x790x790	1,945 / 1,890x615x595		1,945 / 1,890x790x790
Weight	Unit			kg	84		111	84	111	113
Tank	Water volume			l	294		477	294		477
	Maximum water temperature			°C	85					
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25					-25~35
		Water side	Min.~Max.	°C	15~55					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35					
		Water side	Min.~Max.	°C	25~55					
Sound power level	Nom.			dBA	40					
Sound pressure level	Nom.			dBA	28					

Outdoor Unit				**ERLQ**	**004CV3**	**006CV3**	**008CV3**	**011CV3**	**014CV3**	**016CV3**	**011CW1**	**014CW1**	**016CW1**
Dimensions	Unit	HeightxWidthxDepth		mm	735x832x307			1,345x900x320					
Weight	Unit			kg	54	56		113			114		
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.		°CDB	-25 ~35			-20 ~35					
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge			TCO_2eq	3.1	3.3		7.1					
				kg	1.5	1.6		3.4					
	Control				Expansion valve (electronic type)								
Sound power level	Heating	Nom.		dBA	61		62	64		66	64		66
	Cooling	Nom.		dBA	63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	48		49	51		52	51		52
	Cooling	Nom.		dBA	48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses			A	16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) EW 30°C; LW 35°C; ambient conditions: -7°CDB/-8°CWB (4) EW 30°C; LW 35°C; ambient conditions: 2°CDB/1°CWB (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated solar unit

Floor standing air to water heat pump for **bivalent** heating and hot water with thermal solar support

› Bivalent system: combinable with a secondary heat source

Efficiency data				EHSHB + ERLQ	04P30B + 004CV3	08P30B + 006CV3	08P50B + 006CV3	08P30B + 008CV3	08P50B + 008CV3	16P50B + 011CV3	16P50B + 014CV3	16P50B + 016CV3	16P50B + 011CW1	16P50B + 014CW1	16P50B + 016CW1
Heating capacity	Nom.			kW	4.26(1)/3.47(2)/ 4.53(3)/3.98(4)	5.14(1)/4.60(2) /6.06(3)/5.78(4)		5.53(1)/5.51(2) /7.78(3)/7.27(4)		5.95(1)/7.74(2)/ 11.80(3)/10.40(4)	14.81(1)/13.73(2)/ 8.28(3)/9.57(4)	15.34(1)/14.86(2)/ 8.04(3)/10.05(4)	5.95(1)/7.74(2)/ 11.80(3)/10.40(4)	8.28(1)/9.57(2)/ 14.81(3)/13.73(4)	8.04(1)/10.05(2)/ 15.34(3)/14.86(4)
Power input	Heating	Nom.		kW	0.87(1)/1.04(2)/ 1.49(3)/0.85(4)	1.30(1)/1.58(2) /1.88(3)/1.26(4)		1.69(1)/2.04(2) /1.98(3)/1.56(4)		2.57(1)/3.13(2)/ 2.43(3)/2.35(4)	3.42(1)/(2)4.07 /3.17(3)/2.93(4)		2.57(1)/3.13(2)/ 2.43(3)/2.35(4)	3.42(1)/4.07(2)/ 3.17(3)/2.93(4)	
COP					5.23(1)/3.84(2)/ 2.85(3)/4.07(4)	4.65(1)/3.66(2) /2.73(3)/3.64(4)		4.60(1)/3.57(2) /2.78(3)/3.54(4)		4.38(1)/3.32(2)/ 2.45(3)/3.29(4)	4.27(1)/3.34(2)/ 2.58(3)/3.22(4)	4.10(1)/3.22(2)/ 2.44(3)/3.15(4)	4.38(1)/3.32(2)/ 2.45(3)/3.29(4)	4.27(1)/3.34(2)/ 2.58(3)/3.22(4)	4.10(1)/3.22(2)/ 2.44(3)/3.15(4)
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	130	125		127		125	126	125		126	125
			Seasonal space heating eff. class		A++										
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	-										
			Seasonal space heating eff. class		-										
Domestic hot water heating	General	Declared load profile			L		XL	L		XL					
	Average climate	ηwh (water heating efficiency)		%	103	98	108	90	99	84					
		Water heating energy efficiency class			A										

Indoor Unit				EHSHB	04P30B	08P30B	08P50B	08P30B	08P50B	16P50B
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)					
	Material				Impact resistant polypropylene					
Dimensions	Unit	HeightxWidthxDepth		mm	1,890x615x595		1,890x790x790	1,890x615x595		1,890x790x790
Weight	Unit			kg	89		116	89	116	118
Tank	Water volume			l	294		477	294		477
	Maximum water temperature			°C	85					
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25					-25~35
		Water side	Min.~Max.	°C	15~55					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35					
		Water side	Min.~Max.	°C	25~55					
Sound power level	Nom.			dBA	40					
Sound pressure level	Nom.			dBA	28					

Outdoor Unit				ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth		mm	735x832x307			1,345x900x320					
Weight	Unit			kg	54	56		113			114		
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.		°CDB	-25 ~35			-20 ~35					
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge			TCO_2eq	3.1	3.3		7.1					
				kg	1.5	1.6		3.4					
	Control				Expansion valve (electronic type)								
Sound power level	Heating	Nom.		dBA	61		62	64		66	64		66
	Cooling	Nom.		dBA	63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	48		49	51		52	51		52
	Cooling	Nom.		dBA	48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses			A	16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) EW 30°C; LW 35°C; ambient conditions: -7°CDB/-8°CWB (4) EW 30°C; LW 35°C; ambient conditions: 2°CDB/1°CWB (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated solar unit

Floor standing air to water heat pump for **heating, cooling and hot water with thermal solar support**

- Integrated solar unit, offering top comfort in heating, hot water and cooling
- Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- Solar support of domestic hot water with pressureless (drain-back) solar system
- Intelligent Heat Store management: continuous heating during defrost mode, and use of stored heat for space heating
- Heat loss is reduced to a minimum thanks to the high quality insulation
- App control possible for managing heating, hot water and cooling operation
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump

Efficiency data				**EHSX/EHSH + ERLQ**	**04P30B + 004CV3**	**08P30B + 006CV3**	**08P50B + 006CV3**	**08P30B + 008CV3**	**08P50B + 008CV3**	**16P50B + 011CV3**	**16P50B + 014CV3**	**16P50B + 016CV3**	**16P50B + 011CW1**	**16P50B + 014CW1**	**16P50B + 016CW1**
Heating capacity	Nom.			kW	4.26(1)/3.47(2)/ 4.53(3)/3.98(4)	5.14(1)/4.60(2) /6.06(3)/5.78(4)		5.53(1)/5.51(2) /7.78(3)/7.27(4)		5.95(1)/7.74(2)/ 11.80(3)/10.40(4)	14.81(1)/13.73(2)/ 8.28(3)/9.57(4)	15.34(1)/14.86/ 8.04(3)/10.05(4)	5.95(1)/7.74(2)/ 11.80(3)/10.40(4)	8.28(1)/9.57(2)/ 14.81(3)/13.73(4)	8.04(1)/10.05(2)/ 15.34(3)/14.86(4)
Cooling capacity	Nom.			kW	4.4/(1)4.0(2)	5.2(1)/4.6(2)				15.1(1)/11.7(2)	16.1(1)/12.6(2)	16.8(1)/13.1(2)	15.1(1)/11.7(2)	16.1(1)/12.6(2)	16.8(1)/13.1(2)
Power input	Heating	Nom.		kW	0.87(1)/1.04(2)/ 1.49(3)/0.85(4)	1.30(1)/1.58(2) /1.88(3)/1.26(4)		1.69(1)/2.04(2) /1.98(3)/1.56(4)		2.57(1)/3.13(2)/ 2.43(3)/2.35(4)	3.42(1)/4.07(2) /3.17(3)/2.93(4)		2.57(1)/3.13(2)/ 2.43(3)/2.35(4)	3.42(1)/4.07(2) /3.17(3)/2.93(4)	
	Cooling	Nom.		kW	1.05(1)/1.41(2)	1.43(1)/1.85(2)				4.55(1)/4.30(2)	5.44(1)/5.10(2)	6.18(1)/5.72(2)	4.55(1)/4.30(2)	5.44(1)/5.10(2)	6.18(1)/5.72(2)
COP					5.23(1)/3.84(2)/ 2.85(3)/4.07(4)	4.65(1)/3.66(2) /2.73(3)/3.64(4)		4.60(1)/3.57(2) /2.78(3)/3.54(4)		4.38(1)/3.32(2)/ 2.45(3)/3.29(4)	4.27(1)/3.34(2)/ 2.58(3)/3.22(4)	4.10(1)/3.22(2)/ 2.44(3)/3.15(4)	4.38(1)/3.32(2)/ 2.45(3)/3.29(4)	4.27(1)/3.34(2)/ 2.58(3)/3.22(4)	4.10(1)/3.22(2)/ 2.44(3)/3.15(4)
EER					4.21(1)/2.85(2)	3.65(1)/2.51(2)				3.32(1)/2.72(2)	2.96(1)/2.47(2)	2.72(1)/2.29(2)	3.32(1)/2.72(2)	2.96(1)/2.47(2)	2.72(1)/2.29(2)
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	132	126		128			130	127	128	130	127
			Seasonal space heating eff. class		A++										
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	-										
			Seasonal space heating eff. class		-										
Domestic hot water heating	General	Declared load profile			L		XL	L	XL						
	Average climate	ηwh (water heating efficiency)		%	103	98	102	90	96	83					
		Water heating energy efficiency class			A										

Indoor Unit				**EHSX**	**04P30B**	**08P30B**	**08P50B**	**08P30B**	**08P50B**	**16P50B**				
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)									
	Material				Impact resistant polypropylene									
Dimensions	Unit	HeightxWidthxDepth		mm	1,890x615x595		1,890x790x790	1,890x615x595	1,890x790x790			1,945 / 1,890x790x790	1,890x790x790	1,945 / 1,890x790x790
Weight	Unit			kg	84		111	84	111	116		113	116	113
Tank	Water volume			l	294		477	294	477					
	Maximum water temperature			°C	85									
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25					-25~35				
		Water side	Min.~Max.	°C	15~55									
	Cooling	Ambient	Min.~Max.	°CDB	10~43							-~-	10~43	-~-
		Water side	Min.~Max.	°C	5~22					-~-				
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35									
		Water side	Min.~Max.	°C	25~55									
Sound power level	Nom.			dBA	40									
Sound pressure level	Nom.			dBA	28									

Outdoor Unit				**ERLQ**	**004CV3**	**006CV3**	**008CV3**	**011CV3**	**014CV3**	**016CV3**	**011CW1**	**014CW1**	**016CW1**
Dimensions	Unit	HeightxWidthxDepth	mm		735x832x307			1,345x900x320					
Weight	Unit		kg		54	56		113			114		
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB		10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.	°CDB		-25 ~35			-20 ~35					
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge		TCO_2eq		3.1	3.3		7.1					
			kg		1.5	1.6		3.4					
	Control				Expansion valve (electronic type)								
Sound power level	Heating	Nom.	dBA		61		62	64		66	64		66
	Cooling	Nom.	dBA		63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA		48		49	51		52	51		52
	Cooling	Nom.	dBA		48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V		V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses		A		16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) EW 30°C; LW 35°C; ambient conditions: -7°CDB/-8°CWB (4) EW 30°C; LW 35°C; ambient conditions: 2°CDB/1°CWB (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated solar unit

Floor standing air to water heat pump for **bivalent** heating, cooling and hot water with thermal solar support

› Bivalent system: combinable with a secondary heat source

EHSXB04-08P30B

EHSXB08-16P50B

ERLQ004-008CV3

Efficiency data				EHSXB + ERLQ	04P30B + 004CV3	08P30B + 006CV3	08P50B + 006CV3	08P30B + 008CV3	08P50B + 008CV3	16P50B + 011CV3	16P50B + 014CV3	16P50B + 016CV3	16P50B + 011CW1	16P50B + 014CW1	16P50B + 016CW1
Heating capacity	Nom.			kW	4.26(1)/3.47(2)/ 4.53(3)/3.98(4)	5.14(1)/4.60(2) /6.06(3)/5.78(4)		5.53(1)/5.51(2) /7.78(3)/7.27(4)		5.95(1)/7.74(2)/ 11.80(3)/10.40(4)	14.81(1)/13.73(2)/ 8.28(3)/9.57(4)	15.34(1)/14.86(2)/ 8.04(3)/10.05(4)	5.95(1)/7.74(2)/ 11.80(3)/10.40(4)	8.28(1)/9.57(2)/ 14.81(3)/13.73(4)	8.04(1)/10.05(2)/ 15.34(3)/14.86(4)
Cooling capacity	Nom.			kW	4.4(1)/4.0(2)	5.2(1)/4.6(2)				15.1(1)/11.7(2)	16.1(1)/12.6(2)	16.8(1)/13.1(2)	15.1(1)/11.7(2)	16.1(1)/12.6(2)	16.8(1)/13.1(2)
Power input	Heating	Nom.		kW	0.87(1)/1.04(2)/ 1.49(3)/0.85(4)	1.30(1)/1.58(2) /1.88(3)/1.26(4)		1.69(1)/2.04(2) /1.98(3)/1.56(4)		2.57(1)/3.13(2)/ 2.43(3)/2.35(4)	3.42(1)/4.07(2) /3.17(3)/2.93(4)		2.57(1)/3.13(2)/ 2.43(3)/2.35(4)	3.42(1)/4.07(2) /3.17(3)/2.93(4)	
	Cooling	Nom.		kW	1.05(1)/1.41(2)	1.43(1)/1.85(2)				4.55(1)/4.30(2)	5.44(1)/5.10(2)	6.18(1)/5.72(2)	4.55(1)/4.30(2)	5.44(1)/5.10(2)	6.18(1)/5.72(2)
COP					5.23(1)/3.84(2)/ 2.85(3)/4.07(4)	4.65(1)/3.66(2) /2.73(3)/3.64(4)		4.60(1)/3.57(2) /2.78(3)/3.54(4)		4.38(1)/3.32(2)/ 2.45(3)/3.29(4)	4.27(1)/3.34(2)/ 2.58(3)/3.22(4)	4.10(1)/3.22(2)/ 2.44(3)/3.15(4)	4.38(1)/3.32(2)/ 2.45(3)/3.29(4)	4.27(1)/3.34(2)/ 2.58(3)/3.22(4)	4.10(1)/3.22(2)/ 2.44(3)/3.15(4)
EER					4.21(1)/2.85(2)	3.65(1)/2.51(2)				3.32(1)/2.72(2)	2.96(1)/2.47(2)	2.72(1)/2.29(2)	3.32(1)/2.72(2)	2.96(1)/2.47(2)	2.72(1)/2.29(2)
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	132	126		128			130	127	128	130	127
			Seasonal space heating eff. class		A++										
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	-										
			Seasonal space heating eff. class		-										
Domestic hot water heating	General	Declared load profile			L		XL	L		XL					
	Average climate	ηwh (water heating efficiency)		%	103	98	108	90	99	84					
		Water heating energy efficiency class			A										

Indoor Unit				EHSXB	04P30B	08P30B	08P50B	08P30B	08P50B	16P50B					
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)										
	Material				Impact resistant polypropylene										
Dimensions	Unit	HeightxWidthxDepth		mm	1,890x615x595		1,890x790x790	1,890x615x595		1,890x790x790					
Weight	Unit			kg	89		116	89	116	118					
Tank	Water volume			l	294		477	294		477					
	Maximum water temperature			°C	85										
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25					-25~35					
		Water side	Min.~Max.	°C	15~55										
	Cooling	Ambient	Min.~Max.	°CDB	10~43										
		Water side	Min.~Max.	°C	5~22					-~-					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35										
		Water side	Min.~Max.	°C	25~55										
Sound power level	Nom.			dBA	40										
Sound pressure level	Nom.			dBA	28										

Outdoor Unit				ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth		mm	735x832x307			1,345x900x320					
Weight	Unit			kg	54	56		113			114		
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.		°CDB	-25 ~35			-20 ~35					
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge			TCO_2eq	3.1	3.3		7.1					
				kg	1.5	1.6		3.4					
	Control				Expansion valve (electronic type)								
Sound power level	Heating	Nom.		dBA	61		62	64		66	64		66
	Cooling	Nom.		dBA	63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	48		49	51		52	51		52
	Cooling	Nom.		dBA	48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses			A	16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) EW 30°C; LW 35°C; ambient conditions: -7°CDB/-8°CWB (4) EW 30°C; LW 35°C; ambient conditions: 2°CDB/1°CWB (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit

Floor standing air to water heat pump **for heating and hot water**, ideal for low energy houses

- Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- Energy efficient heating only system based on air to water heat pump technology
- Perfect fit for new built as well as for low energy houses
- Best seasonal efficiencies, providing the highest savings on running costs
- Flexible configuration with respect to heat emitters
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

Efficiency data				EHVH + ERLQ	04S18CB3V + 004CV3	08S18CB3V / 08S26CB9W + 006CV3	08S18CB3V / 08S26CB9W + 008CV3	11S18CB3V / 11S26CB9W + 011CV3	16S18CB3V / 16S26CB9W + 014CV3	16S18CB3V / 16S26CB9W + 016CV3	11S18CB3V / 11S26CB9W + 011CW1	16S18CB3V / 16S26CB9W + 014CW1	16S18CB3V / 16S26CB9W + 016CW1
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	3.42 (1) / 4.21 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)
Space heating	Average climate water outlet 55°C	General	SCOP		3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126		120	123	119	120	123	119
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP		4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
			ηs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149
			Seasonal space heating eff. class		A++					A+	A++		A+
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL	L	XL	L	XL	L	XL	L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	95.0	86.4	90.0	86.4	90.0	87.4	97.7	87.4	97.7	87.4	97.7	87.4	97.7	87.4	97.7	87.4	97.7
		Water heating energy efficiency class			A																

Indoor Unit				EHVH	04S18CB3V	08S18CB3V / 08S26CB9W		08S18CB3V / 08S26CB9W		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W	
Casing	Colour				White																
	Material				Precoated sheet metal																
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728																
Weight	Unit			kg	116	117	127	117	127	117	126	118	128	118	128	117	126	118	128	118	128
Tank	Water volume			l	180		260	180	260	180	260	180	260	180	260	180	260	180	260	180	260
	Maximum water temperature			°C	65																
	Maximum water pressure			bar	10																
	Corrosion protection				Anode																
Operation range	Heating	Water side	Min.~Max.	°C	15~55																
	Domestic hot water	Water side	Min.~Max.	°C	25~60			25~60 / 60													
Sound power level	Nom.			dBA	42					44				42		44					
Sound pressure level	Nom.			dBA	28					30				28		30					

Outdoor Unit				ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	mm		735x832x307			1,345x900x320					
Weight	Unit		kg		54	56		113			114		
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB		10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.	°CDB		-25 ~35			-20 ~35					
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge		TCO_2eq		3.1	3.3		7.1					
			kg		1.5	1.6		3.4					
	Control				Expansion valve (electronic type)								
Sound power level	Heating	Nom.	dBA		61		62	64		66	64		66
	Cooling	Nom.	dBA		63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA		48		49	51		52	51		52
	Cooling	Nom.	dBA		48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V		V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses		A		16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit

Efficiency data				EHVH + ERHQ	11S18CB3V / 11S26CB9W + 011BV3		16S18CB3V / 16S26CB9W + 014BV3		16S18CB3V / 16S26CB9W + 016BV3		11S18CB3V / 11S26CB9W + 011BW1		16S18CB3V / 16S26CB9W + 014BW1		16S18CB3V / 16S26CB9W + 016BW1	
Heating capacity	Nom.			kW	11.2 (1) / 10.3 (2)		14.0 (1) / 13.1 (2)		16.0 (1) / 15.2 (2)		11.3 (1) / 11.0 (2)		14.5 (1) / 13.6 (2)		16.1 (1) / 15.1 (2)	
Power input	Heating	Nom.		kW	2.55 (1) / 3.17 (2)		3.26 (1) / 4.04 (2)		3.92 (1) / 4.75 (2)		2.63 (1) / 3.24 (2)		3.42 (1) / 4.21 (2)		3.82 (1) / 4.69 (2)	
COP					4.39 (1) / 3.25 (2)		4.29 (1) / 3.24 (2)		4.08 (1) / 3.20 (2)		4.30 (1) / 3.39 (2)		4.24 (1) / 3.22 (2)		4.20 (1) / 3.22 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		2.86		2.82		2.92		2.90		2.80		2.96	
			ηs (Seasonal space heating efficiency)	%	112		110		114		113		109		115	
			Seasonal space heating eff. class		A+											
	Average climate water outlet 35°C	General	SCOP		2.99		3.23		3.29		3.08		3.34		3.33	
			ηs (Seasonal space heating efficiency)	%	117		126		129		120		131		130	
			Seasonal space heating eff. class		A		A+				A		A+			
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL	L	XL	L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	90.5	95.3	90.5	95.3	90.5	95.3	84.3	87.3	84.3	87.3	84.3	87.3
		Water heating energy efficiency class			A											

Indoor Unit				EHVH	11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W	
Casing	Colour				White											
	Material				Precoated sheet metal											
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728											
Weight	Unit			kg	117	126	118	128	118	128	117	126	118	128	118	128
Tank	Water volume			l	180	260	180	260	180	260	180	260	180	260	180	260
	Maximum water temperature			°C	65											
	Maximum water pressure			bar	10											
	Corrosion protection				Anode											
Operation range	Heating	Water side	Min.~Max.	°C	15~55											
	Domestic hot water	Water side	Min.~Max.	°C	25~60 / 65											
Sound power level	Nom.			dBA	42		44				42		44			
Sound pressure level	Nom.			dBA	28		30				28		30			

Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth		mm	1,170x900x320			1,345x900x320		
Weight	Unit			kg	102			108		
Compressor	Quantity				1					
	Type				Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	10.0~46.0					
	Domestic hot water	Min.~Max.		°CDB	-20 ~35					
Refrigerant	Type				R-410A					
	GWP				2,087.5					
	Charge			TCO_2eq	5.6			6.3		
				kg	2.7			3.0		
	Control				Expansion valve (electronic type)					
Sound power level	Heating	Nom.		dBA	64		66	64		66
	Cooling	Nom.		dBA	64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	49	51	53	51		52
	Cooling	Nom.		dBA	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses			A	32			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit

Floor standing air to water heat pump for **heating, cooling and hot water**; ideal for low energy houses

- Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- Energy efficient heating and cooling system based on air to water heat pump technology
- Perfect fit for new built as well as for low energy houses
- Best seasonal efficiencies, providing the highest savings on running costs
- Flexible configuration with respect to heat emitters
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

Efficiency data				EHVX + ERLQ	04S18CB3V + 004CV3	08S18CB3V / 08S26CB9W + 006CV3		08S18CB3V / 08S26CB9W + 008CV3		11S18CB3V / 11S26CB9W + 011CV3		16S18CB3V / 16S26CB9W + 014CV3		16S18CB3V / 16S26CB9W + 016CV3		11S18CB3V / 11S26CB9W + 011CW1		16S18CB3V / 16S26CB9W + 014CW1		16S18CB3V / 16S26CB9W + 016CW1	
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)		7.40 (1) / 6.89 (2)		11.2 (1) / 11.0 (2)		14.5 (1) / 13.6 (2)		16.0 (1) / 15.2 (2)		11.2 (1) / 11.0 (2)		14.5 (1) / 13.6 (2)		16.0 (1) / 15.2 (2)	
Cooling capacity	Nom.			kW	4.08 (1) / 4.17 (2)	5.88 (1) / 4.84 (2)		6.20 (1) / 5.36 (2)		12.1 (1) / 11.7 (2)		12.7 (1) / 12.6 (2)		13.8 (1) / 13.1 (2)		12.1 (1) / 11.7 (2)		12.7 (1) / 12.6 (2)		13.8 (1) / 13.1 (2)	
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)		1.66 (1) / 2.01 (2)		2.43 (1) / 3.10 (2)		3.37 (1) / 4.10 (2)		3.76 (1) / 4.66 (2)		2.43 (1) / 3.10 (2)		3.37 (1) / 4.10 (2)		3.76 (1) / 4.66 (2)	
	Cooling	Nom.		kW	0.900 (1) / 1.80 (2)	1.51 (1) / 2.07 (2)		1.64 (1) / 2.34 (2)		3.05 (1) / 4.31 (2)		3.21 (1) / 5.08 (2)		3.74 (1) / 5.73 (2)		3.05 (1) / 4.31 (2)		3.21 (1) / 5.08 (2)		3.74 (1) / 5.73 (2)	
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)		4.45 (1) / 3.42 (2)		4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)		4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)		4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)		4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)		4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)		4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)	
EER					4.55 (1) / 2.32 (2)	3.89 (1) / 2.34 (2)		3.79 (1) / 2.29 (2)		3.98 (1) / 2.72 (2)		3.96 (1) / 2.47 (2)		3.69 (1) / 2.29 (2)		3.98 (1) / 2.72 (2)		3.96 (1) / 2.47 (2)		3.69 (1) / 2.29 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		3.20	3.22		3.23		3.09		3.16		3.06		3.09		3.16		3.06	
			ηs (Seasonal space heating efficiency)	%	125	126				120		123		119		120		123		119	
			Seasonal space heating eff. class		A++					A+											
	Average climate water outlet 35°C	General	SCOP		4.52	4.29		4.34		3.98		3.90		3.80		3.98		3.90		3.80	
			ηs (Seasonal space heating efficiency)	%	178	169		171		156		153		149		156		153		149	
			Seasonal space heating eff. class		A++									A+		A++				A+	
Domestic hot water heating	General	Declared load profile			L		XL	L	XL	L	XL	L	XL	L	XL	L	XL	L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	95.0	86.4	90.0	86.4	90.0	87.4	97.7	87.4	97.7	87.4	97.7	87.4	97.7	87.4	97.7	87.4	97.7
		Water heating energy efficiency class			A																

Indoor Unit				EHVX	04S18CB3V	08S18CB3V / 08S26CB9W		08S18CB3V / 08S26CB9W		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W	
Casing	Colour				White																
	Material				Precoated sheet metal																
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728																
Weight	Unit			kg	117	119	129	119	129	119	128	120	130	120	130	119	128	120	130	120	130
Tank	Water volume			l	180		260	180	260	180	260	180	260	180	260	180	260	180	260	180	260
	Maximum water temperature			°C	65																
	Maximum water pressure			bar	10																
	Corrosion protection				Anode																
Operation range	Heating	Water side	Min.~Max.	°C	15~55					15~55											
	Cooling	Water side	Min.~Max.	°C	5~22																
	Domestic hot water	Water side	Min.~Max.	°C	25~60					25~60 / 60											
Sound power level	Nom.			dBA	42							44				42		44			
Sound pressure level	Nom.			dBA	28							30				28		30			

Outdoor Unit				ERLQ	004CV3	006CV3		008CV3		011CV3		014CV3		016CV3		011CW1		014CW1		016CW1	
Dimensions	Unit	HeightxWidthxDepth		mm	735x832x307					1,345x900x320											
Weight	Unit			kg	54	56				113						114					
Compressor	Quantity				1																
	Type				Hermetically sealed swing compressor					Hermetically sealed scroll compressor											
Operation range	Cooling	Min.~Max.		°CDB	10.0~43.0					10.0~46.0											
	Domestic hot water	Min.~Max.		°CDB	-25 ~35					-20 ~35											
Refrigerant	Type				R-410A																
	GWP				2,087.5																
	Charge			TCO_2eq	3.1	3.3				7.1											
				kg	1.5	1.6				3.4											
	Control				Expansion valve (electronic type)																
Sound power level	Heating	Nom.		dBA	61			62		64				66		64				66	
	Cooling	Nom.		dBA	63					64		66		69		64		66		69	
Sound pressure level	Heating	Nom.		dBA	48			49		51				52		51				52	
	Cooling	Nom.		dBA	48	49		50		50		52		54		50		52		54	
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230											W1/3N~/50/400					
Current	Recommended fuses			A	16			20		40						20					

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit

Efficiency data				EHVX + ERHQ	11S18CB3V / 11S26CB9W + 011BV3		16S18CB3V / 16S26CB9W + 014BV3		16S18CB3V / 16S26CB9W + 016BV3		11S18CB3V / 11S26CB9W + 011BW1		16S18CB3V / 16S26CB9W + 014BW1		16S18CB3V / 16S26CB9W + 016BW1	
Heating capacity	Nom.			kW	11.2 (1) / 10.3 (2)		14.0 (1) / 13.1 (2)		16.0 (1) / 15.2 (2)		11.3 (1) / 11.0 (2)		14.5 (1) / 13.6 (2)		16.1 (1) / 15.1 (2)	
Cooling capacity	Nom.			kW	13.9 (1) / 10.0 (2)		17.3 (1) / 12.5 (2)		17.8 (1) / 13.1 (2)		15.1 (1) / 11.7 (2)		16.1 (1) / 12.6 (2)		16.8 (1) / 13.1 (2)	
Power input	Heating	Nom.		kW	2.55 (1) / 3.17 (2)		3.26 (1) / 4.04 (2)		3.92 (1) / 4.75 (2)		2.63 (1) / 3.24 (2)		3.42 (1) / 4.21 (2)		3.82 (1) / 4.69 (2)	
	Cooling	Nom.		kW	3.86 (1) / 3.69 (2)		5.86 (1) / 5.69 (2)		6.87 (1) / 5.95 (2)		4.53 (1) / 4.31 (2)		5.43 (1) / 5.08 (2)		6.16 (1) / 5.73 (2)	
COP					4.39 (1) / 3.25 (2)		4.29 (1) / 3.24 (2)		4.08 (1) / 3.20 (2)		4.30 (1) / 3.39 (2)		4.24 (1) / 3.22 (2)		4.20 (1) / 3.22 (2)	
EER					3.60 (1) / 2.71 (2)		2.95 (1) / 2.32 (2)		2.59 (1) / 2.20 (2)		3.32 (1) / 2.72 (2)		2.96 (1) / 2.47 (2)		2.72 (1) / 2.29 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		2.86		2.82		2.92		2.90		2.80		2.96	
			ηs (Seasonal space heating efficiency)	%	112		110		114		113		109		115	
			Seasonal space heating eff. class		A+											
	Average climate water outlet 35°C	General	SCOP		2.99		3.23		3.29		3.08		3.34		3.33	
			ηs (Seasonal space heating efficiency)	%	117		126		129		120		131		130	
			Seasonal space heating eff. class		A		A+			A			A+			
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL	L	XL	L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	90.5	95.3	90.5	95.3	90.5	95.3	84.3	87.3	84.3	87.3	84.3	87.3
		Water heating energy efficiency class			A											

Indoor Unit				EHVX	11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W	
Casing	Colour				White											
	Material				Precoated sheet metal											
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728											
Weight	Unit			kg	119	128	120	130	120	130	119	128	120	130	120	130
Tank	Water volume			l	180	260	180	260	180	260	180	260	180	260	180	260
	Maximum water temperature			°C	65											
	Maximum water pressure			bar	10											
	Corrosion protection				Anode											
Operation range	Heating	Water side	Min.~Max.	°C	15~55											
	Cooling	Water side	Min.~Max.	°C	5~22											
	Domestic hot water	Water side	Min.~Max.	°C	25~60 / 60											
Sound power level	Nom.			dBA	42		44				42		44			
Sound pressure level	Nom.			dBA	28		30				28		30			

Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth		mm	1,170x900x320			1,345x900x320		
Weight	Unit			kg	102			108		
Compressor	Quantity				1					
	Type				Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	10.0~46.0					
	Domestic hot water	Min.~Max.		°CDB	-20 ~35					
Refrigerant	Type				R-410A					
	GWP				2,087.5					
	Charge			TCO_2eq	5.6			6.3		
				kg	2.7			3.0		
	Control				Expansion valve (electronic type)					
Sound power level	Heating	Nom.		dBA	64		66	64		66
	Cooling	Nom.		dBA	64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	49	51	53	51		52
	Cooling	Nom.		dBA	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses			A	32			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated bi-zone

Optimum efficiency offering full flexibility in heat emitters

- Two different temperature zones can be automatically regulated by the same indoor unit
- Offers flexibility to the end user to combine different heat emitters e.g. under floor heating and radiators while optimising the efficiency
- Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- Energy efficient heating only system based on air to water heat pump technology
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

Efficiency data				EHVZ + ERLQ	04S18CB3V + 004CV3	08S18CB3V + 006CV3	08S18CB3V + 008CV3	16S18CB3V + 011CV3	16S18CB3V + 014CV3	16S18CB3V + 016CV3	16S18CB3V + 011CW1	16S18CB3V + 014CW1	16S18CB3V + 016CW1
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.0 (2)	14.4 (1) / 13.5 (2)	15.9 (1) / 15.1 (2)	11.2 (1) / 11.0 (2)	14.4 (1) / 13.5 (2)	15.9 (1) / 15.1 (2)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.39 (1) / 4.12 (2)	3.77 (1) / 4.67 (2)	2.43 (1) / 3.10 (2)	3.39 (1) / 4.12 (2)	3.77 (1) / 4.67 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.24 (1) / 2.61 (2) / 3.28 (3) / 2.05 (4)	4.22 (1) / 2.61 (2) / 3.23 (3) / 2.07 (4)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.24 (1) / 2.61 (2) / 3.28 (3) / 2.05 (4)	4.22 (1) / 2.61 (2) / 3.23 (3) / 2.07 (4)
Space heating	Average climate water outlet 55°C	General	SCOP		3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126		120	123	119	120	123	119
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP		4.52	4.29	4.34	-					
			ηs (Seasonal space heating efficiency)	%	178	169	171	-					
			Seasonal space heating eff. class		A++			-					
Pump Additional Zone	Nominal ESP unit (*RLQ*C*)	Heating		kPa	52.3 / 55.4	40.6 / 43.3	28.3 / 32.7	26.2 (1) / 28.3 (2)	25.0		26.2 (1) / 28.3 (2)	25.0	
Pump Main Zone	Nominal ESP unit (*RLQ*C*)	Heating		kPa	48.6 / 51.9	39.5 / 42.3	26.4 / 31.2	18.2 (1) / 20.7 (2)	25.0		18.2 (1) / 20.7 (2)	25.0	
Domestic hot water heating	General	Declared load profile			L								
	Average climate	ηwh (water heating efficiency)		%	95.0	86.4		87.4					
		Water heating energy efficiency class			A								

Indoor Unit			EHVZ	04S18CB3V	08S18CB3V	16S18CB3V
Casing	Colour			White		
	Material			Precoated sheet metal		
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728		
Weight	Unit		kg	121	122	121
Tank	Water volume		l	180		
	Maximum water temperature		°C	65		
	Maximum water pressure		bar	10		
	Corrosion protection			Anode		
Operation range	Heating	Water side Min.~Max.	°C	15~55		15~55
	Domestic hot water	Water side Min.~Max.	°C	25~60		25~60 / 60
Sound power level	Nom.		dBA	42		44
Sound pressure level	Nom.		dBA	28		30

Outdoor Unit			ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307			1,345x900x320					
Weight	Unit		kg	54	56		113			114		
Compressor	Quantity			1								
	Type			Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB	10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.	°CDB	-25 ~35			-20 ~35					
Refrigerant	Type			R-410A								
	GWP			2,087.5								
	Charge		TCO_2eq	3.1	3.3		7.1					
			kg	1.5	1.6		3.4					
	Control			Expansion valve (electronic type)								
Sound power level	Heating	Nom.	dBA	61		62	64		66	64		66
	Cooling	Nom.	dBA	63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA	48		49	51		52	51		52
	Cooling	Nom.	dBA	48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses		A	16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated bi-zone

EHVZ-CB3V

ERLQ004-008CV3

ERLQ011-016CW1

Efficiency data				EHVZ + ERHQ	16S18CB3V + 011BV3	16S18CB3V + 014BV3	16S18CB3V + 016BV3	16S18CB3V + 011BW1	16S18CB3V + 014BW1	16S18CB3V + 016BW1
Heating capacity	Nom.			kW	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)
Power input	Heating	Nom.		kW	2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)
COP					4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)
Space heating	Average climate water outlet 55°C	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	109	115
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	-					
			Seasonal space heating eff. class		-					
Pump Additional Zone	Nominal ESP unit (*RHQ*B*)	Heating		kPa	26.2 (1) / 35.0 (2)	25.0		24.8 (1) / 28.3 (2)	25.0	
Pump Main Zone	Nominal ESP unit (*RHQ*B*)	Heating		kPa	18.2 (1) / 28.8 (2)	25.0		16.4 (1) / 20.7 (2)	25.0	
Domestic hot water heating	General	Declared load profile			L					
	Average climate	ηwh (water heating efficiency)		%	90.5			84.3		
		Water heating energy efficiency class			A					

Indoor Unit				EHVZ	16S18CB3V
Casing	Colour				White
	Material				Precoated sheet metal
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728
Weight	Unit			kg	121
Tank	Water volume			l	180
	Maximum water temperature			°C	65
	Maximum water pressure			bar	10
	Corrosion protection				Anode
Operation range	Heating	Water side Min.~Max.		°C	15~55
	Domestic hot water	Water side Min.~Max.		°C	25~60 / 60
Sound power level	Nom.			dBA	44
Sound pressure level	Nom.			dBA	30

Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth		mm	1,170x900x320			1,345x900x320		
Weight	Unit			kg	102			108		
Compressor	Quantity				1					
	Type				Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	10.0~46.0					
	Domestic hot water	Min.~Max.		°CDB	-20 ~35					
Refrigerant	Type				R-410A					
	GWP				2,087.5					
	Charge			TCO_2eq	5.6			6.3		
				kg	2.7			3.0		
	Control				Expansion valve (electronic type)					
Sound power level	Heating	Nom.		dBA	64		66	64		66
	Cooling	Nom.		dBA	64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	49	51	53	51		52
	Cooling	Nom.		dBA	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses			A	32			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit without back-up heater

Floor standing air to water heat pump **for heating and hot water**, ideal for low energy houses

- Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- Energy efficient heating only system based on air to water heat pump technology
- Perfect fit for new built as well as for low energy houses
- Best seasonal efficiencies, providing the highest savings on running costs
- Flexible configuration with respect to heat emitters
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

Efficiency data				EHVH + ERLQ	04S18CBV + 004CV3	08S18CBV / 08S26CBV + 006CV3	08S18CBV / 08S26CBV + 008CV3	11S26CBV + 011CV3	16S26CBV + 014CV3	16S26CBV + 016CV3	11S26CBV + 011CW1	16S26CBV + 014CW1	16S26CBV + 016CW1
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	3.42 (1) / 4.21 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)
Space heating	Average climate water outlet 55°C	General	SCOP		3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126		120	123	119	120	123	119
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP		4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
			ηs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149
			Seasonal space heating eff. class		A++					A+	A++		A+
Domestic hot water heating	General	Declared load profile			L	XL	L	XL					
	Average climate	ηwh (water heating efficiency)		%	95.0	86.4	90.0	86.4	90.0	97.7			
		Water heating energy efficiency class			A								

Indoor Unit				EHVH	04S18CB3V	08S18CB3V / 08S26CB9W		08S18CB3V / 08S26CB9W		11S26CBV		16S26CBV		16S26CBV		11S26CBV		16S26CBV		16S26CBV	
Casing	Colour				White																
	Material				Precoated sheet metal																
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728																
Weight	Unit			kg	116	117	127	117	127	117	126	118	128	118	128	117	126	118	128	118	128
Tank	Water volume			l	180		260	180	260	180	260	180	260	180	260	180	260	180	260	180	260
	Maximum water temperature			°C	65																
	Maximum water pressure			bar	10																
	Corrosion protection				Anode																
Operation range	Heating	Water side	Min.~Max.	°C	10~55																
	Domestic hot water	Water side	Min.~Max.	°C	25~70					25~70											
Sound power level	Nom.			dBA	42					44				42		44					
Sound pressure level	Nom.			dBA	28					30				28		30					

Outdoor Unit				ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	mm		735x832x307			1,345x900x320					
Weight	Unit		kg		54	56		113			114		
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB		10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.	°CDB		-25 ~35			-20 ~35					
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge		TCO_2eq		3.1	3.3		7.1					
			kg		1.5	1.6		3.4					
	Control				Expansion valve (electronic type)								
Sound power level	Heating	Nom.	dBA		61		62	64		66	64		66
	Cooling	Nom.	dBA		63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA		48		49	51		52	51		52
	Cooling	Nom.	dBA		48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V		V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses		A		16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit without back-up heater

EHVH-CBV

ERLQ004-008CV3

ERLQ011-016CW1

Efficiency data				EHVH + ERHQ	11S26CBV + 011BV3	16S26CBV + 014BV3	16S26CBV + 016BV3	11S26CBV + 011BW1	16S26CBV + 014BW1	16S26CBV + 016BW1
Heating capacity	Nom.			kW	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)
Power input	Heating	Nom.		kW	2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)
COP					4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)
Space heating	Average climate water outlet 55°C	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	109	115
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	SCOP		2.99	3.23	3.29	3.08	3.34	3.33
			ηs (Seasonal space heating efficiency)	%	117	126	129	120	131	130
			Seasonal space heating eff. class		A	A+		A	A+	
Domestic hot water heating	General	Declared load profile			XL					
	Average climate	ηwh (water heating efficiency)		%	95.3			87.3		
		Water heating energy efficiency class			A					

Indoor Unit				EHVH	11S26CBV	16S26CBV	16S26CBV	11S26CBV	16S26CBW	16S26CBW
Casing	Colour				White					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728					
Weight	Unit			kg	126	128		126	128	
Tank	Water volume			l	260					
	Maximum water temperature			°C	65					
	Maximum water pressure			bar	10					
	Corrosion protection				Anode					
Operation range	Heating	Water side	Min.~Max.	°C	10~55					
	Domestic hot water	Water side	Min.~Max.	°C	25~70					
Sound power level	Nom.			dBA	42	44		42	44	
Sound pressure level	Nom.			dBA	28	30		28	30	

Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth		mm	1,170x900x320			1,345x900x320		
Weight	Unit			kg	102			108		
Compressor	Quantity				1					
	Type				Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	10.0~46.0					
	Domestic hot water	Min.~Max.		°CDB	-20 ~35					
Refrigerant	Type				R-410A					
	GWP				2,087.5					
	Charge			TCO_2eq	5.6			6.3		
				kg	2.7			3.0		
	Control				Expansion valve (electronic type)					
Sound power level	Heating	Nom.		dBA	64		66	64		66
	Cooling	Nom.		dBA	64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	49	51	53	51		52
	Cooling	Nom.		dBA	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses			A	32			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit for UK

Floor standing air to water heat pump **for heating and hot water**, ideal for low energy houses

- Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- Energy efficient heating only system based on air to water heat pump technology
- Perfect fit for new built as well as for low energy houses
- Best seasonal efficiencies, providing the highest savings on running costs
- Flexible configuration with respect to heat emitters
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

Efficiency data				EHVH + ERLQ	04SU18CB6W + 004CV3	08SU18CB6W / 08SU26CB6W + 006CV3	08SU18CB6W / 08SU26CB6W + 008CV3	11SU26CB6W + 011CV3	16SU26CB6W + 014CV3	16SU26CB6W + 016CV3	11SU26CB6W + 011CW1	16SU26CB6W + 014CW1	16SU26CB6W + 016CW1
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	3.42 (1) / 4.21 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)
Space heating	Average climate water outlet 55°C	General	SCOP		3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126		120	123	119	120	123	119
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP		4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
			ηs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149
			Seasonal space heating eff. class		A++					A+	A++		A+
Domestic hot water heating	General	Declared load profile			L	XL	L	XL					
	Average climate	ηwh (water heating efficiency)		%	95.0	86.4	90.0	86.4	90.0	97.7			
		Water heating energy efficiency class			A								

Indoor Unit				EHVH	04SU18CB6W	08SU18CB6W / 08SU26CB6W	08SU18CB6W / 08SU26CB6W	11SU26CB6W	6SU26CB6W	16SU26CB6W	11SU26CB6W	16SU26CB6W	16SU26CB6W
Casing	Colour				White								
	Material				Precoated sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm		1,732x600x728								
Weight	Unit		kg		118	121	127	127	127	128	130	128	130
Tank	Water volume		l		180		260	180	260				
	Maximum water temperature		°C		65								
	Maximum water pressure		bar		10								
	Corrosion protection				Anode								
Operation range	Heating	Water side Min.~Max.	°C		15~55								
	Domestic hot water	Water side Min.~Max.	°C		25~65			25~65					
Sound power level	Nom.		dBA		42				44		42	44	
Sound pressure level	Nom.		dBA		28				30		28	30	

Outdoor Unit				ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	mm		735x832x307			1,345x900x320					
Weight	Unit		kg		54	56		113			114		
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB		10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.	°CDB		-25 ~35			-20 ~35					
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge		TCO_2eq		3.1	3.3		7.1					
			kg		1.5	1.6		3.4					
	Control				Expansion valve (electronic type)								
Sound power level	Heating	Nom.	dBA		61		62	64		66	64		66
	Cooling	Nom.	dBA		63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA		48		49	51		52	51		52
	Cooling	Nom.	dBA		48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V		V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses		A		16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit for UK

Efficiency data				EHVH + ERHQ	11SU26CB6W + 011BV3	16SU26CB6W + 014BV3	16SU26CB6W + 016BV3	11SU26CB6W + 011BW1	16SU26CB6W + 014BW1	16SU26CB6W + 016BW1
Heating capacity	Nom.			kW	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)
Power input	Heating	Nom.		kW	2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)
COP					4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)
Space heating	Average climate water outlet 55°C	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	109	115
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	SCOP		2.99	3.23	3.29	3.08	3.34	3.33
			ηs (Seasonal space heating efficiency)	%	117	126	129	120	131	130
			Seasonal space heating eff. class		A	A+		A	A+	
Domestic hot water heating	General	Declared load profile			XL					
	Average climate	ηwh (water heating efficiency)		%	95.3			87.3		
		Water heating energy efficiency class			A					

Indoor Unit				EHVH	11SU26CB6W	16SU26CB6W	16SU26CB6W	11SU26CB6W	16SU26CB6W	16SU26CB6W
Casing	Colour				White					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728					
Weight	Unit			kg	128	130		128	130	
Tank	Water volume			l	260					
	Maximum water temperature			°C	65					
	Maximum water pressure			bar	10					
	Corrosion protection				Anode					
Operation range	Heating	Water side	Min.~Max.	°C	15~55					
	Domestic hot water	Water side	Min.~Max.	°C	25~65					
Sound power level	Nom.			dBA	42	44		42	44	
Sound pressure level	Nom.			dBA	28	30		28	30	

Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth		mm	1,170x900x320			1,345x900x320		
Weight	Unit			kg	102			108		
Compressor	Quantity				1					
	Type				Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	10.0~46.0					
	Domestic hot water	Min.~Max.		°CDB	-20 ~35					
Refrigerant	Type				R-410A					
	GWP				2,087.5					
	Charge			TCO_2eq	5.6			6.3		
				kg	2.7			3.0		
	Control				Expansion valve (electronic type)					
Sound power level	Heating	Nom.		dBA	64		66	64		66
	Cooling	Nom.		dBA	64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	49	51	53	51		52
	Cooling	Nom.		dBA	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses			A	32			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split wall mounted unit

Wall mounted **heating only** air to water heat pump ideal for low energy houses

- Energy efficient heating only system based on air to water heat pump technology
- Perfect fit for new built as well as for low energy houses
- Best seasonal efficiencies, providing the highest savings on running costs
- Flexible configuration with respect to heat emitters
- Possible to combine with domestic hot water
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

Efficiency data				**EHBH + ERLQ**	**04CB3V + 004CV3**	**08CB3V/9W + 006CV3**	**08CB3V/9W + 008CV3**	**11CB3V/9W + 011CV3**	**16CB3V/9W + 014CV3**	**16CB3V/9W + 016CV3**	**11CB3V/9W + 011CW1**	**16CB3V/9W + 014CW1**	**16CB3V/9W + 016CW1**
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	3.42 (1) / 4.21 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)
Space heating	Average climate water outlet 55°C	General	SCOP		3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126		120	123	119	120	123	119
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP		4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
			ηs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149
			Seasonal space heating eff. class		A++					A+	A++		A+

Indoor Unit				**EHBH**	**04CB3V**	**08CB3V/9W**		**08CB3V/9W**		**11CB3V/9W**		**16CB3V/9W**		**16CB3V/9W**		**11CB3V/9W**		**16CB3V/9W**		**16CB3V/9W**	
Casing	Colour				White																
	Material				Precoated sheet metal																
Dimensions	Unit	HeightxWidthxDepth		mm	890x480x344																
Weight	Unit			kg	41	43	45	43	45	43	44	45	44	45	43	44	45	44	45		
Operation range	Heating	Water side	Min.~Max.	°C	15~55																
	Domestic hot water	Water side	Min.~Max.	°C	25~80																
Sound power level	Nom.			dBA	40			41		44				41		44					
Sound pressure level	Nom.			dBA	26			27		30				27		30					

Outdoor Unit				**ERLQ**	**004CV3**	**006CV3**	**008CV3**	**011CV3**	**014CV3**	**016CV3**	**011CW1**	**014CW1**	**016CW1**
Dimensions	Unit	HeightxWidthxDepth	mm		735x832x307			1,345x900x320					
Weight	Unit		kg		54	56		113			114		
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB		10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.	°CDB		-25 ~35			-20 ~35					
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge		TCO_2eq		3.1	3.3		7.1					
			kg		1.5	1.6		3.4					
	Control				Expansion valve (electronic type)								
Sound power level	Heating	Nom.	dBA		61		62	64		66	64		66
	Cooling	Nom.	dBA		63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA		48		49	51		52	51		52
	Cooling	Nom.	dBA		48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V		V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses		A		16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split wall mounted unit

EHBH-CB

ERLQ004-008CV3

ERHQ011-016BV3

Efficiency data				EHBH + ERHQ	11CB3V/9W + 011BV3	16CB3V/9W + 014BV3	16CB3V/9W + 016BV3	11CB3V/9W + 011BW1	16CB3V/9W + 014BW1	16CB3V/9W + 016BW1
Heating capacity	Nom.			kW	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)
Power input	Heating	Nom.		kW	2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)
COP					4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)
Space heating	Average climate water outlet 55°C	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	109	115
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	SCOP		2.99	3.23	3.29	3.08	3.34	3.33
			ηs (Seasonal space heating efficiency)	%	117	126	129	120	131	130
			Seasonal space heating eff. class		A	A+		A	A+	

Indoor Unit				EHBH	11CB3V/9W	16CB3V/9W	16CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W
Casing	Colour				White					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	890x480x344					
Weight	Unit			kg	43	44	45	44	45	43	44	45	44	45
Operation range	Heating	Water side	Min.~Max.	°C	15~55					
	Domestic hot water	Water side	Min.~Max.	°C	25~80					
Sound power level	Nom.			dBA	41	44		41	44	
Sound pressure level	Nom.			dBA	27	30		27	30	

Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth		mm	1,170x900x320			1,345x900x320		
Weight	Unit			kg	102			108		
Compressor	Quantity				1					
	Type				Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	10.0~46.0					
	Domestic hot water	Min.~Max.		°CDB	-20 ~35					
Refrigerant	Type				R-410A					
	GWP				2,087.5					
	Charge			TCO_2eq	5.6			6.3		
				kg	2.7			3.0		
	Control				Expansion valve (electronic type)					
Sound power level	Heating	Nom.		dBA	64		66	64		66
	Cooling	Nom.		dBA	64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	49	51	53	51		52
	Cooling	Nom.		dBA	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses			A	32			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split wall mounted unit

Wall mounted **reversible** air to water heat pump ideal for low energy houses

- Energy efficient heating and cooling system based on air to water heat pump technology
- Perfect fit for new built as well as for low energy houses
- Best seasonal efficiencies, providing the highest savings on running costs
- Flexible configuration with respect to heat emitters
- Possible to combine with domestic hot water
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

Efficiency data				EHBX + ERLQ	04CB3V + 004CV3	08CB3V/9W + 006CV3	08CB3V/9W + 008CV3	11CB3V/9W + 011CV3	16CB3V/9W + 014CV3	16CB3V/9W + 016CV3	11CB3V/9W + 011CW1	16CB3V/9W + 014CW1	16CB3V/9W + 016CW1
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)
Cooling capacity	Nom.			kW	4.08 (1) / 4.17 (2)	5.88 (1) / 4.84 (2)	6.20 (1) / 5.36 (2)	12.1 (1) / 11.7 (2)	12.7 (1) / 12.6 (2)	13.8 (1) / 13.1 (2)	12.1 (1) / 11.7 (2)	12.7 (1) / 12.6 (2)	13.8 (1) / 13.1 (2)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
	Cooling	Nom.		kW	0.900 (1) / 1.80 (2)	1.51 (1) / 2.07 (2)	1.64 (1) / 2.34 (2)	3.05 (1) / 4.31 (2)	3.21 (1) / 5.08 (2)	3.74 (1) / 5.73 (2)	3.05 (1) / 4.31 (2)	3.21 (1) / 5.08 (2)	3.74 (1) / 5.73 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)
EER					4.55 (1) / 2.32 (2)	3.89 (1) / 2.34 (2)	3.79 (1) / 2.29 (2)	3.98 (1) / 2.72 (2)	3.96 (1) / 2.47 (2)	3.69 (1) / 2.29 (2)	3.98 (1) / 2.72 (2)	3.96 (1) / 2.47 (2)	3.69 (1) / 2.29 (2)
Space heating	Average climate water outlet 55°C	General	SCOP		3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126		120	123	119	120	123	119
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP		4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
			ηs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149
			Seasonal space heating eff. class		A++					A+	A++		A+

Indoor Unit				EHBX	04CB3V	08CB3V/9W	08CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W
Casing	Colour				White								
	Material				Precoated sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm		890x480x344								
Weight	Unit		kg		42	44	45	44	45	43	45	44	46	44	46	43	45	44	46	44	46
Operation range	Heating	Water side Min.~Max.	°C		15~55			15~55					
	Cooling	Water side Min.~Max.	°C		5~22			5~22					
	Domestic hot water	Water side Min.~Max.	°C		25~80			25~80					
Sound power level	Nom.		dBA		40			41	44		41	44	
Sound pressure level	Nom.		dBA		26			27	30		27	30	

Outdoor Unit				ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	mm		735x832x307			1,345x900x320					
Weight	Unit		kg		54	56		113			114		
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB		10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.	°CDB		-25 ~35			-20 ~35					
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge		TCO_2eq		3.1	3.3		7.1					
			kg		1.5	1.6		3.4					
	Control				Expansion valve (electronic type)								
Sound power level	Heating	Nom.	dBA		61		62	64		66	64		66
	Cooling	Nom.	dBA		63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA		48		49	51		52	51		52
	Cooling	Nom.	dBA		48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V		V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses		A		16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split wall mounted unit

EHBX-CB

ERLQ004-008CV3

ERHQ011-016BV3

Efficiency data				EHBX + ERHQ	11CB3V/9W + 011BV3	16CB3V/9W + 014BV3	16CB3V/9W + 016BV3	11CB3V/9W + 011BW1	16CB3V/9W + 014BW1	16CB3V/9W + 016BW1
Heating capacity	Nom.			kW	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)
Cooling capacity	Nom.			kW	13.9 (1) / 10.0 (2)	17.3 (1) / 12.5 (2)	17.8 (1) / 13.1 (2)	15.1 (1) / 11.7 (2)	16.1 (1) / 12.6 (2)	16.8 (1) / 13.1 (2)
Power input	Heating	Nom.		kW	2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)
	Cooling	Nom.		kW	3.86 (1) / 3.69 (2)	5.86 (1) / 5.69 (2)	6.87 (1) / 5.95 (2)	4.53 (1) / 4.31 (2)	5.43 (1) / 5.08 (2)	6.16 (1) / 5.73 (2)
COP					4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)
EER					3.60 (1) / 2.71 (2)	2.95 (1) / 2.32 (2)	2.59 (1) / 2.20 (2)	3.32 (1) / 2.72 (2)	2.96 (1) / 2.47 (2)	2.72 (1) / 2.29 (2)
Space heating	Average climate water outlet 55°C	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	109	115
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	SCOP		2.99	3.23	3.29	3.08	3.34	3.33
			ηs (Seasonal space heating efficiency)	%	117	126	129	120	131	130
			Seasonal space heating eff. class		A	A+		A	A+	

Indoor Unit			EHBX	11CB3V/9W		16CB3V/9W		16CB3V/9W		11CB3V/9W		16CB3V/9W		16CB3V/9W	
Casing	Colour			White											
	Material			Precoated sheet metal											
Dimensions	Unit	HeightxWidthxDepth	mm	890x480x344											
Weight	Unit		kg	43	45	44	46	44	46	43	45	44	46	44	46
Operation range	Heating	Water side Min.~Max.	°C	15~55											
	Cooling	Water side Min.~Max.	°C	5~22											
	Domestic hot water	Water side Min.~Max.	°C	25~80											
Sound power level	Nom.		dBA	41		44				41		44			
Sound pressure level	Nom.		dBA	27		30				27		30			

Outdoor Unit			ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth	mm	1,170x900x320			1,345x900x320		
Weight	Unit		kg	102			108		
Compressor	Quantity			1					
	Type			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB	10.0~46.0					
	Domestic hot water	Min.~Max.	°CDB	-20 ~35					
Refrigerant	Type			R-410A					
	GWP			2,087.5					
	Charge		TCO_2eq	5.6			6.3		
			kg	2.7			3.0		
	Control			Expansion valve (electronic type)					
Sound power level	Heating	Nom.	dBA	64		66	64		66
	Cooling	Nom.	dBA	64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA	49	51	53	51		52
	Cooling	Nom.	dBA	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses		A	32			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); Heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C) |
(3) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split wall mounted unit without back-up heater

Wall mounted **heating only** air to water heat pump ideal for low energy houses

- Energy efficient heating only system based on air to water heat pump technology
- Perfect fit for new built as well as for low energy houses
- Best seasonal efficiencies, providing the highest savings on running costs
- Flexible configuration with respect to heat emitters
- Possible to combine with domestic hot water
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

Efficiency data				**EHBH + ERLQ**	**04CBV + 004CV3**	**08CBV + 006CV3**	**08CBV + 008CV3**	**11CBV + 011CV3**	**16CBV + 014CV3**	**16CBV + 016CV3**	**11CBV + 011CW1**	**16CBV + 014CW1**	**16CBV + 016CW1**
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	3.42 (1) / 4.21 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)
Space heating	Average climate water outlet 55°C	General	SCOP		3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126		120	123	119	120	123	119
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP		4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
			ηs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149
			Seasonal space heating eff. class		A++					A+	A++		A+

Indoor Unit			**EHBH**	**04CBV**	**08CBV**	**11CBV**	**16CBV**	**11CBV**	**16CBV**
Casing	Colour			White					
	Material			Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth	mm	890x480x344					
Weight	Unit		kg	39	41		42	41	42
Operation range	Heating	Water side Min.~Max.	°C	10~55					
	Domestic hot water	Water side Min.~Max.	°C	25~80					
Sound power level	Nom.		dBA	40		41	44	41	44
Sound pressure level	Nom.		dBA	26		27	30	27	30

Outdoor Unit			**ERLQ**	**004CV3**	**006CV3**	**008CV3**	**011CV3**	**014CV3**	**016CV3**	**011CW1**	**014CW1**	**016CW1**
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307			1,345x900x320					
Weight	Unit		kg	54	56		113			114		
Compressor	Quantity			1								
	Type			Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB	10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.	°CDB	-25 ~35			-20 ~35					
Refrigerant	Type			R-410A								
	GWP			2,087.5								
	Charge		TCO_2eq	3.1	3.3		7.1					
			kg	1.5	1.6		3.4					
	Control			Expansion valve (electronic type)								
Sound power level	Heating	Nom.	dBA	61		62	64		66	64		66
	Cooling	Nom.	dBA	63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA	48		49	51		52	51		52
	Cooling	Nom.	dBA	48	49	50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses		A	16		20	40			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split wall mounted unit without back-up heater

EHBH-CBV

ERLQ004-008CV3

ERHQ011-016BV3

Efficiency data				EHBH + ERHQ	11CBV + 011BV3	16CBV + 014BV3	16CBV + 016BV3	11CBV + 011BW1	16CBV + 014BW1	16CBV + 016BW1
Heating capacity	Nom.			kW	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)
Power input	Heating	Nom.		kW	2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)
COP					4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)
Space heating	Average climate water outlet 55°C	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	109	115
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	SCOP		2.99	3.23	3.29	3.08	3.34	3.33
			ηs (Seasonal space heating efficiency)	%	117	126	129	120	131	130
			Seasonal space heating eff. class		A	A+		A	A+	

Indoor Unit				EHBH	11CBV	16CBV	16CBV	11CBV	16CBV	16CBV
Casing	Colour				White					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	890x480x344					
Weight	Unit			kg	43	44	45	44	45	43	44	45	44	45
Operation range	Heating	Water side	Min.~Max.	°C	10~55					
	Domestic hot water	Water side	Min.~Max.	°C	25~80					
Sound power level	Nom.			dBA	41	42		41	42	
Sound pressure level	Nom.			dBA	27	30		27	30	

Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth		mm	1,170x900x320			1,345x900x320		
Weight	Unit			kg	102			108		
Compressor	Quantity				1					
	Type				Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	10.0~46.0					
	Domestic hot water	Min.~Max.		°CDB	-20 ~35					
Refrigerant	Type				R-410A					
	GWP				2,087.5					
	Charge			TCO_2eq	5.6			6.3		
				kg	2.7			3.0		
	Control				Expansion valve (electronic type)					
Sound power level	Heating	Nom.		dBA	64		66	64		66
	Cooling	Nom.		dBA	64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	49	51	53	51		52
	Cooling	Nom.		dBA	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses			A	32			20		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Contains fluorinated greenhouse gases

Daikin Altherma small capacity monobloc

Why choose Daikin Altherma low temperature monobloc?

The simple answer is that our inverter technology delivers **leading edge performance**, all the hydraulic components are pre-installed in the outdoor unit which is the **smallest in the market**, and it works with all our output devices.

All hydraulic components are combined in the outdoor unit

Available in 5kW and 7kW models, the new Daikin Altherma LT monobloc requires only a controller indoors, when space heating is needed. For use of both space heating and domistic hot water, a wiring centre is added. And the outdoor unit can be installed almost anywhere, under a window sill, or in the smallest of gardens. So it's a natural fit for new build and renovation projects alike.

The space-saving design is ideal for homes where space is limited

- The outdoor unit includes all hydraulic components
  Smallest installed volume in the market:
  H735 x W1085 x D360 mm – only 80 kg
- The separate installation of controller and wiring centre allows a flexible installation in the house.

Everything you need from one source

The Daikin Altherma monobloc works efficiently with Daikin's range of under-floor heating, radiators and fan convectors and can be combined with solar thermal systems. So you can count on Daikin for your entire project.

Always in control, no matter where you are*

- App control with Daikin's online controller
  - » to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
- to keep an eye on your energy consumption

Control via app

Utilise renewable energy to create a self-sustaining heating system*

- thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
- photovoltaïc support: use electricity from your photovoltaïc solar collectors to provide energy for your heat pump

* Applicable for 5-8kW monobloc

Daikin Altherma low temperature monobloc

Reversible air to water monobloc system, ideal when indoor space is limited

E(D/B)LQ-CV3

- Compact reversible monobloc for space heating & cooling with optional domestic hot water
- Fuss-free installation : only water connections required
- Reliable operation even when -25°C outside thanks to frost protection features such as free hanging coil
- COP up to 5 with typical annual efficiencies up to 300%
- Compact heating only monobloc for space heating with optional domestic hot water
- Fuss-free installation : only water connections required
- Reliable operation even when -25°C outside thanks to frost protection features such as free hanging coil
- COP up to 5 with typical annual efficiencies up to 300%
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

Single Unit				**EBLQ/EDLQ**	**05CV3**	**07CV3**	**05CV3**	**07CV3**
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	125			126
			SCOP		3.20	3.22	3.20	3.22
			Seasonal space heating eff. class		A++			
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	172	163	172	163
			SCOP		4.39	4.14	4.39	4.14
			Seasonal space heating eff. class		A++			
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	7.00 (1) / 6.90 (2)	4.40 (1) / 4.03 (2)	7.00 (1) / 6.90 (2)
Cooling capacity	Nom.			kW	3.88 (1) / 3.99 (2)	5.20 (1) / 5.15 (2)	-	
Power input	Cooling	Nom.		kW	0.950 (1) / 1.93 (2)	1.37 (1) / 2.69 (2)	-	
	Heating	Nom.		kW	0.880 (1) / 1.13 (2)	1.55 (1) / 2.45 (2)	0.880 (1) / 1.13 (2)	1.55 (1) / 2.02 (2)
COP					5.00 (1) / 3.58 (2)	4.52 (1) / 3.42 (2)	5.00 (1) / 3.58 (2)	4.52 (1) / 3.42 (2)
EER					4.07 (1) / 2.07 (2)	3.80 (1) / 2.10 (2)	-	
Dimensions	Unit	Height		mm	735			
		Width		mm	1,090			
		Depth		mm	350			
Weight	Unit			kg	76.0	80.0	76.0	80.0
Operation range	Heating	Water side	Min.~Max.	°C	15~55.0			
	Cooling	Ambient	Min.~Max.	°CDB	10.0~43.0		-~-	
		Water side	Min.~Max.	°C	5.00~22.0		-~-	
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25.0~35.0			
		Water side	Min.~Max.	°C	25~80			
Refrigerant	Type				R-410A			
	GWP				2,088		2,087.5	
	Charge			kg	1.30	1.45	1.3	1.5
				TCO_2eq	2.714	3.027	2.7	3.0
	Control				Expansion valve (electronic type)			
Sound power level	Heating	Nom.		dBA	61	62	60	
	Cooling	Nom.		dBA	63.0		-	
Sound pressure level	Heating	Nom.		dBA	48	49	50	
	Cooling	Nom.		dBA	48	50	-	

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) Contains fluorinated greenhouse gases

Wiring centre				**EKCB07CV3**	**EK2CB07CV3**
Dimensions	Unit	Height	mm	360	
		Width	mm	340	
		Depth	mm	97	
Weight	Unit		kg	4	
Operation range	Heating	Ambient	Min.~Max.	-	
	Indoor installation	Ambient	Min. °CDB	5	
			Max. °CDB	35	

Back-up heater kit				**EKMBUHC3V3**	**EKMBUHC9W1**
Dimensions	Unit	Height	mm	560	
		Width	mm	250	
		Depth	mm	210	
Weight	Unit		kg	11	13
Operation range	Heating	Ambient	Min.~Max.	-	
	Indoor installation	Ambient	Min. °CDB	5	
			Max. °CDB	30	

Daikin Altherma low temperature monobloc

Reversible air to water monobloc system, ideal when indoor space is limited

- Energy efficient **heating and cooling** system based on air to water heat pump technology
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Low energy bills and low CO2 emissions
- H_2O piping between outdoor unit and indoor heat emitters
- Inverter controlled scroll compressor
- Built-in electric back-up heater as additional heating during extremely cold outdoor temperature
- Possible to combine with domestic hot water

Single Unit				EBLQ/EBHQ	011BB6V3	014BB6V3	016BB6V3	011BB6W1	014BB6W1	016BB6W1
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	105		101	107	110	111
			SCOP		2.70	2.71	2.60	2.75	2.82	2.85
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	129	130	123	129	130	127
			SCOP		3.30	3.32	3.15	3.30	3.31	3.25
			Seasonal space heating eff. class		A+					
Heating capacity	Nom.			kW	11.2 (1) / 10.9 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.1 (2)	11.2 (1) / 10.9 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.1 (2)
Cooling capacity	Nom.			kW	12.9 (1) / 10.0 (2)	16.0 (1) / 12.5 (2)	16.7 (1) / 13.1 (2)	12.9 (1) / 10.0 (2)	16.0 (1) / 12.5 (2)	16.7 (1) / 13.1 (2)
Power input	Cooling	Nom.		kW	3.87 (1) / 3.69 (2)	5.75 (1) / 5.39 (2)	6.36 (1) / 5.93 (2)	3.87 (1) / 3.69 (2)	5.40 (1) / 5.06 (2)	6.15 (1) / 5.75 (2)
	Heating	Nom.		kW	2.56 (1) / 3.31 (2)	3.29 (1) / 4.01 (2)	3.88 (1) / 4.71 (2)	2.60 (1) / 3.21 (2)	3.30 (1) / 4.07 (2)	3.81 (1) / 4.66 (2)
COP					4.38 (1) / 3.28 (2)	4.25 (1) / 3.27 (2)	4.12 (1) / 3.20 (2)	4.31 (1) / 3.38 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.23 (2)
EER					3.32 (1) / 2.71 (2)	2.78 (1) / 2.32 (2)	2.63 (1) / 2.21 (2)	3.32 (1) / 2.71 (2)	2.96 (1) / 2.47 (2)	2.72 (1) / 2.28 (2)
Dimensions	Unit	Height		mm	1,418					
		Width		mm	1,435					
		Depth		mm	382					
Weight	Unit			kg	180					
Hydraulic component	Back-up heater current	Type			6V3			6W1		
		Power supply	Phase/ Frequency/ Voltage	Hz/V	1~/50/230			3~/50/400		
Operation range	Heating	Ambient	Min.~Max.	°CWB	-20~40			-30~40	-20~40	-30~40	-20~40	-30~40	-20~40
		Water side	Min.~Max.	°C	15 (3)~55.0 (3)					
	Cooling	Ambient	Min.~Max.	°CDB	10.0~46.0					
		Water side	Min.~Max.	°C	5.00~22.0					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20.0~43.0	-15.0~43.0	-20.0~43.0	-15.0~43.0	-20.0~43.0	-15.0~43.0	-25.0~43.0	-15.0~43.0	-25.0~43.0	-15.0~43.0	-25.0~43.0	-15.0~43.0
		Water side	Min.~Max.	°C	25~80					
Refrigerant	Type				R-410A					
	GWP				2,087.5					
	Charge			kg	3.0					
				TCO_2eq	6.2					
	Control				Expansion valve (electronic type)					
Sound power level	Heating	Nom.		dBA	60	70		60	70	
	Cooling	Nom.		dBA	65.0	66.0	69.0	65.0	66.0	69.0
Sound pressure level	Heating	Nom.		dBA	50					
	Cooling	Nom.		dBA	50					
Compressor component	Main power supply	Name			V3			W1		
		Phase			1~			3N~		
		Frequency		Hz	50					
		Voltage		V	230			400		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) 15°C-25°C: BUH only, no heat pump operation = during commissioning (4) Contains fluorinated greenhouse gases

Daikin Altherma low temperature monobloc

Heating only air to water monobloc system, ideal when indoor space is limited

ED(L/H)Q-BB

Single Unit				EDLQ/EDHQ	011BB6V3	014BB6V3	016BB6V3	011BB6W1	014BB6W1	016BB6W1
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	105		101	107	110	111
			SCOP		2.70	2.71	2.60	2.75	2.82	2.85
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	129	130	123	129	130	127
			SCOP		3.30	3.32	3.15	3.30	3.31	3.25
			Seasonal space heating eff. class		A+					
Heating capacity	Nom.			kW	11.2 (1) / 10.9 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.1 (2)	11.2 (1) / 10.9 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.1 (2)
Power input	Heating	Nom.		kW	2.56 (1) / 3.31 (2)	3.29 (1) / 4.01 (2)	3.88 (1) / 4.71 (2)	2.60 (1) / 3.21 (2)	3.30 (1) / 4.07 (2)	3.81 (1) / 4.66 (2)
COP					4.38 (1) / 3.28 (2)	4.25 (1) / 3.27 (2)	4.12 (1) / 3.20 (2)	4.31 (1) / 3.38 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.23 (2)
Dimensions	Unit	Height		mm	1,418					
		Width		mm	1,435					
		Depth		mm	382					
Weight	Unit			kg	180					
Hydraulic component	Back-up heater current	Type			6V3			6W1		
		Power supply	Phase/ Frequency/ Voltage	Hz/V	1~/50/230			3~/50/400		
Operation range	Heating	Ambient	Min.~Max.	°CWB	-20~40			-30~40	-20~40	-30~40	-20~40	-30~40	-20~40
		Water side	Min.~Max.	°C	15 (3)~55.0 (3)					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20.0~43.0	-15.0~43.0	-20.0~43.0	-15.0~43.0	-20.0~43.0	-15.0~43.0	-25.0~43.0	-15.0~43.0	-25.0~43.0	-15.0~43.0	-25.0~43.0	-15.0~43.0
		Water side	Min.~Max.	°C	25~80					
Refrigerant	Type				R-410A					
	GWP				2,087.5					
	Charge			kg	3.0					
				TCO_2eq	6.2					
	Control				Expansion valve (electronic type)					
Sound power level	Heating	Nom.		dBA	60	70		60	70	
Sound pressure level	Heating	Nom.		dBA	50					
Compressor component	Main power supply	Name			V3			W1		
		Phase			1~			3N~		
		Frequency		Hz	50					
		Voltage		V	230			400		

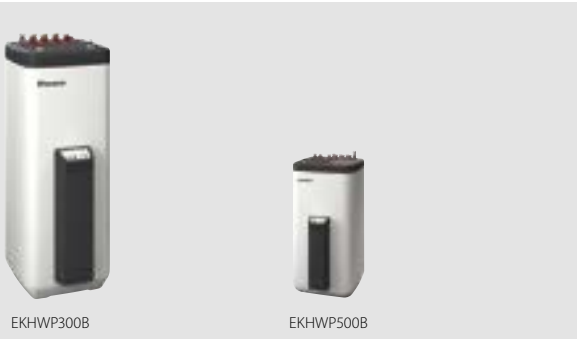
(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) 15°C-25°C: BUH only, no heat pump operation = during commissioning (4) Contains fluorinated greenhouse gases

EKHWP-B

Thermal store

Plastic domestic hot water tank with solar support

- Tank designed for connection with drainback thermal solar system
- Large hot water storage tank to provide domestic hot water at any time
- Heat loss is reduced to a minimum thanks to the high quality insulation
- Space heating support possible (500l tank only)



EKHWP300B EKHWP500B

Accessory				EKHWP	300B	500B
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)	
	Material				Impact resistant polypropylene	
Dimensions	Unit	Width	mm		595	790
		Depth	mm		615	790
Weight	Unit	Empty	kg		58	82
Tank	Water volume			l	294	477
	Material				Polypropylen	
	Maximum water temperature			°C	85	
	Insulation	Heat loss		kWh/24h	1.5	1.7
	Energy efficiency class				B	
	Standing heat loss			W	64	72
	Storage volume			l	294	477
Heat exchanger	Domestic hot water	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	5.600	5.800
		Internal coil volume		l	27.1	29.0
		Operating pressure		bar	6	
		Average specifc thermal output		W/K	2,790	2,825
	Charging	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	3	4
		Internal coil volume		l	13	19
		Operating pressure		bar	3	
		Average specifc thermal output		W/K	1,300	1,800
	Auxiliary solar heating	Tube material			-	Stainless steel (DIN 1.4404)
		Face area		m^2	-	1
		Internal coil volume		l	-	2
		Operating pressure		bar	-	3
		Average specifc thermal output		W/K	-	280

EKHWP-PB

Thermal store

Pressureless domestic hot water tank with solar support

- Tank designed for connection with pressurised thermal solar system
- Large hot water storage tank to provide domestic hot water at any time
- Heat loss is reduced to a minimum thanks to the high quality insulation
- Space heating support possible (500l tank only)

EKHWP300PB EKHWP500PB

Accessory				EKHWP	300PB	500PB
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)	
	Material				Impact resistant polypropylene	
Dimensions	Unit	Width	mm		595	790
		Depth	mm		615	790
Weight	Unit	Empty	kg		58	89
Tank	Water volume			l	294	477
	Material				Polypropylen	
	Maximum water temperature			°C	85	
	Insulation	Heat loss		kWh/24h	1.5	1.7
	Energy efficiency class				B	
	Standing heat loss			W	64	72
	Storage volume			l	294	477
Heat exchanger	Domestic hot water	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	5.600	5.800
		Internal coil volume		l	27.1	29.0
		Operating pressure		bar	6	
		Average specifc thermal output		W/K	2,790	2,825
	Charging	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	3	4
		Internal coil volume		l	13	19
		Operating pressure		bar	3	
		Average specifc thermal output		W/K	1,300	1,800
	Auxiliary solar heating	Tube material			-	Stainless steel (DIN 1.4404)
		Face area		m^2	-	1
		Internal coil volume		l	-	2
		Operating pressure		bar	-	3
		Average specifc thermal output		W/K	-	280

Solar collector

Thermal solar collector for hot water production

- Solar collectors can produce up to 70% of the energy needed for hot water production - a major cost saving
- Horizontal and vertical solar collector for domestic hot water production
- High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
- Easy to install on roof tiles

Accessory		EKSV/EKSH	21P	26P	
Mounting			Vertical		Horizontal
Dimensions	Unit	HeightxWidthxDepth mm	1,006x85x2,000		2,000x85x1,300
Weight	Unit	kg	33	42	
Volume		l	1.3	1.7	2.1
Surface	Outer	m^2	2.01	2.60	
	Aperture	m^2	1.800	2.360	
	Absorber	m^2	1.79	2.35	
Coating			Micro-therm (absorption max. 96%, Emission ca. 5% +/-2%)		
Absorber			Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate		
Glazing			Single pane safety glass, transmission +/- 92%		
Allowed roof angle	Min.~Max.	°	15~80		
Operating pressure	Max.	bar	6		
Stand still temperature	Max.	°C	192		
Thermal performance	collector efficiency (ηcol)	%	61		
	Zero loss collector efficiency η0	%	0.781	0.784	
	Heat loss coefficient a1	$W/m^2.K$	4.240	4.250	
	Temperature dependence of the heat loss coefficient a2	$W/m^2.K^2$	0.006	0.007	
	Thermal capacity	kJ/K	4.9	6.5	
Auxiliary	Solpump	W	-		
	Solstandby	W	-		
	Annual auxiliary electricity consumption Qaux	kWh	-		

EKSRDS2A/EKSRPS4A

Pump station

- Save energy and reduce CO_2 emissions with a solar system for domestic hot water production
- Pump station connectable to unpressurised solar system
- Pump station and control provide the transfer of solar heat to the domestic hot water tank

EKSRPS4A

Accessory		EKSRPS4A/EKSRDS2A	4A	2A
Mounting			On side of tank	On wall
Dimensions	Unit	HeightxWidthxDepth mm	815x142x230	410x314x154
Weight	Unit	kg	6	
Operation range	Ambient temperature	Min.~Max. °C	5~40	0~40
Operating pressure	Max.	bar	-	6
Stand still temperature	Max.	°C	85	120
Thermal performance	collector efficiency (ηcol)	%	-	
	Zero loss collector efficiency η0	%	-	
Control	Type		Digital temperature difference controller with plain text display	
	Power consumption	W	2	5
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230	/50/230
Sensor	Solar panel temperature sensor		Pt1000	
	Storage tank sensor		PTC	-
	Return flow sensor		PTC	-
	Feed temperature and flow sensor		Voltage signal (3.5V DC)	-
Power supply intake			Indoor unit	
Auxiliary	Solpump	W	30	23
	Solstandby	W	2.00	5.00
	Annual auxiliary electricity consumption Qaux	kWh	78	89

EKHWS-B3V3/Z2

Domestic hot water tank

Stainless steel domestic hot water tank

› Stainless steel domestic hot water tank
› Available in 150, 200 and 300 liters

EKHWS-B3V3/Z2

Accessory				EKHWS	150B3V3	200B3V3	300B3V3	200B3Z2	300B3Z2
Casing	Colour				Neutral white				
	Material				Epoxy-coated mild steel				
Dimensions	Unit	Width	mm		580				
		Depth	mm		580				
Weight	Unit	Empty	kg		37	45	59	45	59
Tank	Water volume		l		150	200	285	200	285
	Material				Stainless steel (DIN 1.4521)				
	Maximum water temperature		°C		85				
	Insulation	Heat loss	kWh/24h		155.0	177.0	219.0	177.0	219.0
	Energy efficiency class				C				
	Standing heat loss		W		65	74	91	74	91
	Storage volume		l		150	200	285	200	285
Heat exchanger	Quantity				1				
	Tube material				Duplex steel LDX 2101				
Booster heater	Capacity		kW		3				
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/230			2~/50/400	

EKHWE(T)-A3V3/Z2

Domestic hot water tank

Enameled domestic hot water tank

› Enameled domestic hot water tank
› Available in 150, 200 and 300 liters

EKHWE-A3V3/Z2

Accessory				EKHWE/EKHWET	150A3V3	200A3V3	300A3V3	200A3Z2	300A3Z2	150A3V3
Casing	Colour				RAL9010					
	Material				Epoxy coated steel					
Dimensions	Unit	Diameter	mm		545		660	545	660	545
Weight	Unit	Empty	kg		80	104	140	104	140	82
Tank	Water volume		l		150	200	300	200	300	150
	Material				Enamel coated steel acc. DIN4753TL2					
	Maximum water temperature		°C		75					
	Insulation	Heat loss	kWh/24h		1.7	1.9	2.5	1.9	2.5	-
	Energy efficiency class				C		D	C	D	C
	Standing heat loss		W		71	79	104	79	104	71
	Storage volume		l		150	200	300	200	300	150
Heat exchanger	Quantity				1					
Booster heater	Capacity		kW		3					
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/230			2~/50/400		1~/50/230

EKRUCBL/EKRUCBS

User interface

- User friendly remote control with contemporary design
- For control of space heating, cooling and domestic hot water with among others reheat, scheduled and booster mode
- Easy to use: all main functions directly accessible
- An additional user interface can be a room thermostat in the space to be heated.
- Several languages possible depending on the model : English, German, Dutch, Spanish, Italian, French, Greek, Russian, etc.
- Easy commissioning: intuitive interface for advanced menu settings
- User friendly simplified remote control with contemporary design
- For control of space heating, cooling and domestic hot water, including booster mode
- Easy to use: all main functions directly accessible
- The simplified user interface can only be used in combination with the main user interface
- Use of universal symbols, no text

EKRUCBL

EKRUCBS

Indoor unit	EKRUCBL/EKRUCBS	1	2	3	4	5	6	7	EKRUCBS
Control systems	Class of temperature control	VI							
	Contribution to seasonal space heating efficiency %	4.0							

EKRTR/EKRTW

Remote control

Room thermostat for easy regulation of the indoor temperature

- Easy and convenient regulation of the indoor temperature, resulting in ideal comfort and energy efficiency
- Heating and cooling mode, with possibility to disable cooling mode if not required
- Comfort function mode activates the programmed temperature levels intended for a home occupied during the day; default setpoints are 21°C in heating mode and 24°C in cooling mode and can be changed by the user
- Reduced function mode activates the programmed temperature levels for periods when the house is unoccupied or at night; default setpoints are 17°C in heating, 28°C in cooling mode and can be changed by the user
- Scheduled function mode: uses a timer to schedule heating and cooling setpoints throughout the day; up to 12 setpoints can be programmed per day; the selected setpoints will be automatically activated at the scheduled time
- Holiday function mode: intended for setting reduced and fuel-efficient setpoints when the house is unoccupied for long periods. The default setpoints are 14°C for heating and 30°C for cooling.
- Off function: switches the system off; however, the integrated frost protection remains activated (set by default at 4°C).
- Setpoint limitation sets the upper and lower setpoint limits within which the user can programme the desired comfort levels and can only be modified by the installer
- Number of setpoint changes: 12/day
- Key lock function: possible to lock the keys of the room thermostat

EKRTR

EKRTW

				EKRTR	EKRTWA
Dimensions	Unit	HeightxWidthxDepth	mm	-x-x-	87x125x34
	Thermostat	Height/Width/Depth	mm	87/125/34	-/-/-
	Receiver	Height/Width/Depth	mm	170/50/28	-/-/-
Weight	Unit		g	-	215
	Thermostat		g	210	-
	Receiver		g	125	-
Ambient temperature	Storage	Min./Max.	°C	-20/60	
	Operation	Min./Max.	°C	0/50	
Temperature setting range	Heating	Min./Max.	°C	4/37	
	Cooling	Min./Max.	°C	4/37	
Clock				Yes	
Regulation function				Proportional band	
Power supply	Voltage		V	-	Battery powered 3* AA-LR6 (alkaline)
	Thermostat	Voltage	V	Battery powered 3x AA-LRG (alkaline)	-
	Receiver	Voltage	V	230	-
	Frequency		Hz	50	-
	Phase			1~	-
Connection	Type			-	Wired
	Thermostat			Wireless	-
	Receiver			Wired	-
Maximum distance to receiver	Indoor		m	approx. 30m	-
	Outdoor		m	approx. 100m	-
Control systems	Class of temperature control			IV	
	Contribution to seasonal space heating efficiency		%	2.0	

Heat pump convector

Floor standing unit saving on running costs when combined with under floor heating thanks to its low leaving water temperatures

- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Energy efficient heating and cooling system based on air source heat pump technology
- Optimum energy efficiency when connected to a Daikin Altherma low temperature system
- The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- Its low height enables the unit to fit perfectly beneath a window
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Can be installed against a wall or recessed

FWXV-A

ARC452A15

Indoor Unit			FWXV	15A	20A
Heating capacity	Total capacity	Nom.	kW	1.5	2.0
			Btu/h	5,100	6,800
Cooling capacity	Total capacity	Nom.	kW	1.2	1.7
	Sensible capacity	Nom.	kW	0.98	1.4
Power input	Heating	Nom.	kW	0.013	0.015
	Cooling	Nom.	kW	0.013	0.015
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210	
Weight	Unit		kg	15	
Piping connections	Drain/OD/Inlet		mm/inch	18/G 1/2/G 1/2	
Sound pressure	Heating	Nom.	dBA	19	29
level	Cooling	Nom.	dBA	19	29
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220	

(1) The range of usable water temperature is 6°C (Min.) to 60°C (Max.) (2) Maximum allowable water pressure is 1.18MPa. (3) Comply with drinking water directive 98/83/EC for chilled water, hot water and make up water (4) The amount of water circulation should be 3L/min to 15L/min (0.18m^3/hr to 0.9m^3/hr). (5) Allowable model of hydrobox interlinking is BA-series. (6) Heat insulation: both inlet and outlet pipes

Heating & domestic hot water for renovations

Why choose Daikin Altherma high temperature?

Daikin Altherma high temperature is ideal **to replace a current oil boiler**, without replacing your existing radiators.

It offers a wide range to adapt to your customer's needs.

- Heating and domestic hot water with optional solar connection
- Capacities from 11 to 16 kW
- Combinable with existing high temperature radiators
- Easy control

Energy efficient solution when replacing an oil boiler

› Low running costs and optimum comfort at even the coldest outdoor temperatures, thanks to the unique cascade compressor approach
› No need to change existing radiators and piping as water temperatures can be increased up to 80°C for heating and domestic hot water use
› Only limited installation space needed as the indoor unit and domestic hot water tank can be stacked on each other

A Outdoor unit
B Indoor unit
C Domestic hot water tank
D Optional solar connection

User interface

With Daikin Altherma's user interface, the ideal temperature can be easily, quickly and conveniently regulated. It allows for more precise measurement and can regulate your comfort even more optimally and energy efficiently.

Heat emitters

The Daikin Atherma high temperature system is designed to work only with high-temperature radiators, which come in various sizes and formats to suit the interior design as well as the heating requirement. Our radiators can be individually controlled or they can be regulated by the central heating control programme.

Solar connection

The Daikin Altherma high temperature heating system can optionally use solar energy for hot water production.
If the solar energy is not required immediately, the purpose-built hot water tank (EKHWP) can store large quantities of heated water for up to a day for later use as domestic hot water or for heating.

Supporting tools

Extranet

- Experience our new business portal at my.daikin.eu
- Find information easily
- Access via mobile or desktop
- Customise the options so you see only info relevant for you

Internet

- Find our solutions for different applications on www.daikineurope.com/for-your-home/needs/heating/air-water-heatpumps-ht/

Literature

- See all the literature available on www.daikineurope.com/ support-and-manuals/catalogues

Software

- Select your heating system on https://webtools.daikin.eu

Daikin Altherma high temperature split

Floor standing heating only air to water heat pump combinable with existing radiators

- Energy efficient heating only system based on air to water heat pump technology
- Single and three phase floor standing indoor unit up to 16kW
- High temperature application: up to 80°C without electric heater
- Easy replacement of existing boiler, without changing heating pipes
- Combinable with high temperature radiators
- Low energy bills and low CO_2 emissions
- Inverter controlled scroll compressor
- Outdoor unit extracts heat from the outdoor air, even at -20°C

EKHBRD-ADV1/Y1

ER(R/S)Q-AV1/Y1

Efficiency data				EKHBRD + ERRQ/ERSQ	011ADV1 + 011AV1	014ADV1 + 014AV1	016ADV1 + 016AV1	011ADY1 + 011AY1	014ADY1 + 014AY1	016ADY1 + 016AY1
Space heating	Average climate water outlet 55°C	General	SCOP		2.65	2.66	2.61	2.65	2.66	2.61
			ηs (Seasonal space heating efficiency)	%	103	104	102	103	104	102
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	SCOP		2.70	2.81	2.88	2.70	2.81	2.88
			ηs (Seasonal space heating efficiency)	%	105	110	112	105	110	112
			Seasonal space heating eff. class		C	B		C	B	
Domestic hot water heating	General	Declared load profile			-					
	Average climate	ηwh (water heating efficiency)		%	-					
		Water heating energy efficiency class			-					
Heating capacity	Nom.			kW	11.3 (1) / 11.0 (2) / 11.2 (3)	14.5 (1) / 14.0 (2) / 14.4 (3)	16.0 (1) / 16.0 (2) / 16.0 (3)	11.3 (1) / 11.0 (2) / 11.2 (3)	14.5 (1) / 14.0 (2) / 14.4 (3)	16.0 (1) / 16.0 (2) / 16.0 (3)
Power input	Heating	Nom.		kW	3.80 (1) / 4.40 (2) / 2.67 (3)	5.02 (1) / 5.65 (2) / 3.87 (3)	5.86 (1) / 6.65 (2) / 4.31 (3)	3.80 (1) / 4.40 (2) / 2.67 (3)	5.02 (1) / 5.65 (2) / 3.87 (3)	5.86 (1) / 6.65 (2) / 4.31 (3)
COP					2.97 (1) / 2.50 (2) / 4.20 (3)	2.89 (1) / 2.48 (2) / 3.72 (3)	2.73 (1) / 2.41 (2) / 3.72 (3)	2.97 (1) / 2.50 (2) / 4.20 (3)	2.89 (1) / 2.48 (2) / 3.72 (3)	2.73 (1) / 2.41 (2) / 3.72 (3)

Indoor Unit				EKHBRD	011ADV1	014ADV1	016ADV1	011ADY1	014ADY1	016ADY1
Casing	Colour				Metallic grey					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695					
Weight	Unit			kg	144			147		
Operation range	Heating	Ambient	Min.~Max.	°C	-20.0 / 0.00~20					
		Water side	Min.~Max.	°C	25~80.0					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20.0~35.0					
		Water side	Min.~Max.	°C	25~80					
Refrigerant	Type				R-134a					
	Charge			kg	2.60					
				TCO_2eq	3.718					
	GWP				1430					
Sound pressure level	Nom.			dBA	43.0 (2) / 46.0 (3)	45.0 (2) / 46.0 (3)	46.0 (2) / 46.0 (3)	43.0 (2) / 46.0 (3)	45.0 (2) / 46.0 (3)	46.0 (2) / 46.0 (3)
	Night quiet mode	Level 1		dBA	40	43	45	40	43	45

Outdoor Unit				ERRQ/ERSQ	011AV1	014AV1	016AV1	011AY1	014AY1	016AY1
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320					
Weight	Unit			kg	120					
Compressor	Quantity				1					
	Type				Hermetically sealed scroll compressor					
Operation range	Heating	Min.~Max.		°CWB	-20~20					
	Domestic hot water	Min.~Max.		°CDB	-20~35					
Refrigerant	Type				R-410A					
	GWP				2,087.5					
	Charge			TCO_2eq	9.4					
				kg	4.5					
	Control				Expansion valve (electronic type)					
Sound power level	Heating	Nom.		dBA	68	69	71	68	69	71
Sound pressure level	Heating	Nom.		dBA	52	53	55	52	53	55
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V1/1~/50/220-240			Y1/3~/50/380-415		
Current	Recommended fuses			A	25			16		

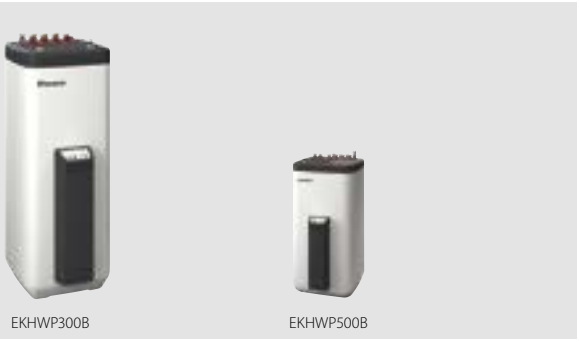
(1) EW 55°C; LW 65°C; Dt 10°C; ambient conditions: 7°CDB/6°CWB (2) EW 70°C; LW 80°C; Dt 10°C; ambient conditions: 7°CDB/6°CWB (3) EW 30°C; LW 35°C; Dt 5°C; ambient conditions: 7°CDB/6°CWB
(2) Sound levels are measured at: EW 55°C; LW 65°C; Dt 10°C; ambient conditions 7°CWB/6°CWB
(3) Sound levels are measured at: EW 70°C; LW 80°C; Dt 10°C; ambient conditions 7°CDB/6°CWB

EKHWP-B

Thermal store

Plastic domestic hot water tank with solar support

- Tank designed for connection with drainback thermal solar system
- Large hot water storage tank to provide domestic hot water at any time
- Heat loss is reduced to a minimum thanks to the high quality insulation
- Space heating support possible (500l tank only)



EKHWP300B EKHWP500B

Accessory				EKHWP	300B	500B
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)	
	Material				Impact resistant polypropylene	
Dimensions	Unit	Width	mm		595	790
		Depth	mm		615	790
Weight	Unit	Empty	kg		58	82
Tank	Water volume			l	294	477
	Material				Polypropylen	
	Maximum water temperature			°C	85	
	Insulation	Heat loss		kWh/24h	1.5	1.7
	Energy efficiency class				B	
	Standing heat loss			W	64	72
	Storage volume			l	294	477
Heat exchanger	Domestic hot water	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	5.600	5.800
		Internal coil volume		l	27.1	29.0
		Operating pressure		bar	6	
		Average specifc thermal output		W/K	2,790	2,825
	Charging	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	3	4
		Internal coil volume		l	13	19
		Operating pressure		bar	3	
		Average specifc thermal output		W/K	1,300	1,800
	Auxiliary solar heating	Tube material			-	Stainless steel (DIN 1.4404)
		Face area		m^2	-	1
		Internal coil volume		l	-	2
		Operating pressure		bar	-	3
		Average specifc thermal output		W/K	-	280

EKHWP-PB

Thermal store

Pressureless domestic hot water tank with solar support

- Tank designed for connection with pressurised thermal solar system
- Large hot water storage tank to provide domestic hot water at any time
- Heat loss is reduced to a minimum thanks to the high quality insulation
- Space heating support possible (500l tank only)

EKHWP300PB EKHWP500PB

Accessory				EKHWP	300PB	500PB
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)	
	Material				Impact resistant polypropylene	
Dimensions	Unit	Width	mm		595	790
		Depth	mm		615	790
Weight	Unit	Empty	kg		58	89
Tank	Water volume			l	294	477
	Material				Polypropylen	
	Maximum water temperature			°C	85	
	Insulation	Heat loss		kWh/24h	1.5	1.7
	Energy efficiency class				B	
	Standing heat loss			W	64	72
	Storage volume			l	294	477
Heat exchanger	Domestic hot water	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	5.600	5.800
		Internal coil volume		l	27.1	29.0
		Operating pressure		bar	6	
		Average specifc thermal output		W/K	2,790	2,825
	Charging	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	3	4
		Internal coil volume		l	13	19
		Operating pressure		bar	3	
		Average specifc thermal output		W/K	1,300	1,800
	Auxiliary solar heating	Tube material			-	Stainless steel (DIN 1.4404)
		Face area		m^2	-	1
		Internal coil volume		l	-	2
		Operating pressure		bar	-	3
		Average specifc thermal output		W/K	-	280

Solar collector

Thermal solar collector for hot water production

- Solar collectors can produce up to 70% of the energy needed for hot water production - a major cost saving
- Horizontal and vertical solar collector for domestic hot water production
- High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
- Easy to install on roof tiles

Accessory			EKSV/EKSH	21P	26P	
Mounting				Vertical		Horizontal
Dimensions	Unit	HeightxWidthxDepth	mm	1,006x85x2,000		2,000x85x1,300
Weight	Unit		kg	33	42	
Volume			l	1.3	1.7	2.1
Surface	Outer		m^2	2.01	2.60	
	Aperture		m^2	1.800	2.360	
	Absorber		m^2	1.79	2.35	
Coating				Micro-therm (absorption max. 96%, Emission ca. 5% +/-2%)		
Absorber				Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate		
Glazing				Single pane safety glass, transmission +/- 92%		
Allowed roof angle	Min.~Max.		°	15~80		
Operating pressure	Max.		bar	6		
Stand still temperature	Max.		°C	192		
Thermal performance	collector efficiency (ηcol)		%	61		
	Zero loss collector efficiency η0		%	0.781	0.784	
	Heat loss coefficient a1		$W/m^2.K$	4.240	4.250	
	Temperature dependence of the heat loss coefficient a2		$W/m^2.K^2$	0.006	0.007	
	Thermal capacity		kJ/K	4.9	6.5	
Auxiliary	Solpump		W	-		
	Solstandby		W	-		
	Annual auxiliary electricity consumption Qaux		kWh	-		

EKSRDS2A/EKSRPS4A

Pump station

- Save energy and reduce CO_2 emissions with a solar system for domestic hot water production
- Pump station connectable to unpressurised solar system
- Pump station and control provide the transfer of solar heat to the domestic hot water tank

EKSRPS4A

Accessory			EKSRPS4A/EKSRDS2A	4A	2A
Mounting				On side of tank	On wall
Dimensions	Unit	HeightxWidthxDepth	mm	815x142x230	410x314x154
Weight	Unit		kg	6	
Operation range	Ambient temperature	Min.~Max.	°C	5~40	0~40
Operating pressure	Max.		bar	-	6
Stand still temperature	Max.		°C	85	120
Thermal performance	collector efficiency (ηcol)		%	-	
	Zero loss collector efficiency η0		%	-	
Control	Type			Digital temperature difference controller with plain text display	
	Power consumption		W	2	5
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230	/50/230
Sensor	Solar panel temperature sensor			Pt1000	
	Storage tank sensor			PTC	-
	Return flow sensor			PTC	-
	Feed temperature and flow sensor			Voltage signal (3.5V DC)	-
Power supply intake				Indoor unit	
Auxiliary	Solpump		W	30	23
	Solstandby		W	2.00	5.00
	Annual auxiliary electricity consumption Qaux		kWh	78	89

Domestic hot water tank

Stackable stainless steel domestic hot water tank

- Stainless steel domestic hot water tank
- The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- Available in 200 and 260 liters
- Heat loss is reduced to a minimum thanks to the high quality insulation
- At necessary intervals, the indoor unit can heat up the water to 60°C to prevent the risk of bacteria growth
- Efficient temperature heat-up: from 10°C to 50°C in only 60 minutes

EKHTS200AC

EKHTS260AC

Accessory				EKHTS	200AC	260AC
Casing	Colour				Metallic grey	
	Material				Galvanised steel (precoated sheet metal)	
Dimensions	Unit	Height	Integrated on indoor unit	mm	2,010	2,285
		Width		mm	600	
		Depth		mm	695	
Weight	Unit	Empty		kg	70	78
Tank	Water volume			l	200	260
	Material				Stainless steel (EN 1.4521)	
	Maximum water temperature			°C	75	
	Insulation	Heat loss		kWh/24h	12.0	15.0
	Energy efficiency class				B	
	Standing heat loss			W	50	63
	Storage volume			l	200	260
Heat exchanger	Quantity				1	
	Tube material				Duplex steel (EN 1.4162)	
	Face area			m^2	1.560	
	Internal coil volume			l	7.5	

Daikin Altherma Flex Type

for large residential and commercial applications

Why choose Daikin Altherma Flex Type

Daikin Altherma Flex Type is a flexible solution for space heating, domestic hot water and cooling for e.g. apartments, spas, hotels and restaurants

- Low operating costs thanks to high efficiency
- Large hot water volume
- Cooling in the most efficient way thanks to heat recovery technology
- Limited installation space thanks to small footprint of indoor unit and outdoor unit

Heat emitters

All types of heat emitters can be connected thanks to its wide water temperature range (up to 80°C) and its ability to work with multiple set points, allowing a combination of different heat emitters operating at different water temperatures.

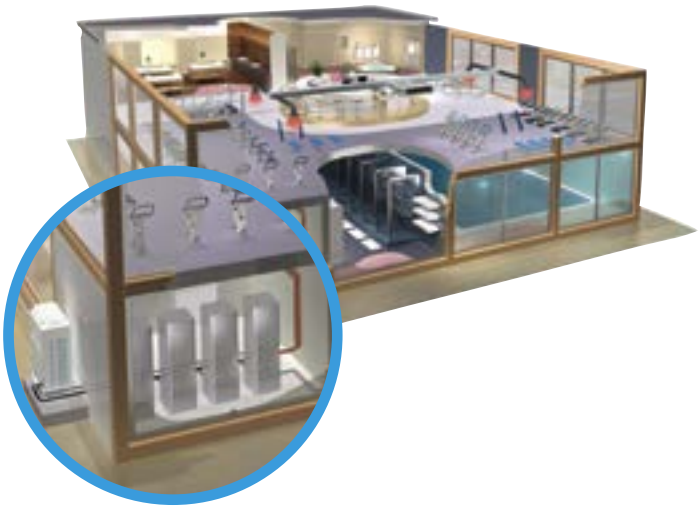
Modular system

One or more outdoor units can be connected to several indoor units (maximum 10 indoor units per outdoor unit).

Advanced control and monitoring

To further increase the efficiency, an RTD-W per indoor unit and a sequencing controller for the full heating system can be installed to monitor the exact heating demand.

1 Heating
2 Cooling
3 Hot water



Supporting tools

Extranet

› Experience our new business portal at my.daikin.eu
› Find information easily

Literature

› See all the literature available on www.daikineurope.com/support-and-manuals/ catalogues

Daikin Altherma Flex Type

Floor standing reversible air to water heat pump for large residential and commercial applications

- Floor standing indoor unit up to 9kW
- Low energy bills and low CO_2 emissions
- Energy efficient heating only and reversible system based on air to water heat pump technology
- High temperature application: up to 80°C without electric heater
- Flexible configuration with respect to heat emitters
- Inverter controlled scroll compressor

EKHVM(R/Y)D-AB

Indoor Unit					50AB	80AB	50AB	80AB
Casing	Colour				Metallic grey			
	Material				Precoated sheet metal			
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695			
Weight	Unit			kg	92		120	
Operation range	Heating	Ambient	Min.~Max.	°C	-15~20			
		Water side	Min.~Max.	°C	25~80			
	Cooling	Ambient	Min.~Max.	°CDB	-~-		10~43	
		Water side	Min.~Max.	°C	-~-		5~20	
	Domestic hot	Ambient	Min.~Max.	°CDB	-15~35			
	water	Water side	Min.~Max.	°C	45~75			
Refrigerant	Type				R-134a			
	Charge			kg	2.0			
				TCO_2eq	2,68			
	GWP				1430			
Sound pressure level	Nom.			dBA	40 / 43 / 0 / 0	42 / 43 / 0 / 0	40 / 43 / 0 / 0	42 / 43 / 0 / 0
	Night quiet mode	Level 1		dBA	38 / 0 / 0			

Daikin Altherma high temperature split

Floor standing heating only air to water heat pump combinable with existing radiators

- Energy efficient heating only system based on air to water heat pump technology
- Single and three phase floor standing indoor unit up to 16kW
- High temperature application: up to 80°C without electric heater
- Easy replacement of existing boiler, without changing heating pipes
- Combinable with high temperature radiators
- Low energy bills and low CO_2 emissions
- Inverter controlled scroll compressor

EKHBRD-ADV1/Y1

Indoor Unit				EKHBRD	011ADV1	014ADV1	016ADV1	011ADY1	014ADY1	016ADY1
Casing	Colour				Metallic grey					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695					
Weight	Unit			kg	144			147		
Operation range	Heating	Ambient	Min.~Max.	°C	-20.0 / 0.00~20					
		Water side	Min.~Max.	°C	25~80.0					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20.0~35.0					
		Water side	Min.~Max.	°C	25~80					
Refrigerant	Type				R-134a					
	Charge			kg	2.60					
				TCO_2eq	3.718					
	GWP				1,430					
Sound pressure level	Nom.			dBA	43.0 / 46.0 / 0.00 / 0.00	45.0 / 46.0 / 0.00 / 0.00	46.0 / 46.0 / 0.00 / 0.00	43.0 / 46.0 / 0.00 / 0.00	45.0 / 46.0 / 0.00 / 0.00	46.0 / 46.0 / 0.00 / 0.00
	Night quiet mode	Level 1		dBA	40 / 0 / 0	43 / 0 / 0	45 / 0 / 0	40 / 0 / 0	43 / 0 / 0	45 / 0 / 0

Daikin Altherma Flex Type

- Low energy bills and low CO_2 emissions
- Easy installation and maintenance
- Integrated heat recovery system
- The ultimate heating solution for residential and commercial applications based on air to water heat pump technology
- Customised to meet your building's needs: up to 10 indoor units can be connected to 1 outdoor unit

EMRQ-A

Outdoor Unit					EMRQ	8A	10A	12A	14A	16A
Heating capacity	Nom.				kW	22.4 (6)	28 (6)	33.6 (6)	39.2 (6)	44.8 (6)
Cooling capacity	Nom.				kW	20 (7)	25 (7)	30 (7)	35 (7)	40 (7)
Seasonal efficiency	Domestic hot water heating	General	Declared load profile			XL				
		Average climage	ηwh (water heating efficiency)		%	93			83.7	93
			Water heating energy efficiency class			A				
	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)		%	108	104	103	106	103
			SCOP			2.78	2.68	2.64	2.74	2.64
			Seasonal space heating eff. Class			A+				
Casing	Colour					Daikin White				
	Material					Painted galvanized steel plate				
Dimensions	Unit	HeightxWidthxDepth			mm	1,680x1,300x765				
Weight	Unit				kg	331			339	
Operation range	Heating	Min.			°CWB	-15				
		Max.			°CWB	20				
	Domestic hot water	Ambient	Min.~Max.		°CDB	-15~35				
	Cooling	Min.			°CDB	10				
		Max.			°CDB	43				
Refrigerant	Type					R-410A				
	GWP					2,087.5				
	Charge				kg	10.3	10.6	10.8	11.1	
					TCO_2eq	21.5	22.1	22.5	23.2	
Piping connections	Liquid	OD			mm	9.52		12.7		
	Suction	OD			mm	19.1	22.2		28.6	
	High and low pressure gas	OD			mm	15.9	19.1		22.2	
	Piping length	OU - IU	Max.		m	100				
		System	Equivalent		m	120				
	Total piping length	System	Actual		m	300				
Sound power level	Heating	Nom.			dBA	78		80	83	84
Sound pressure level	Heating	Nom.			dBA	58		60	62	63
Power supply	Phase/Voltage				V	3~/380-415				
Current	Recommended fuses				A	20	25		40	

(1) 100% connection ratio of EMRQ8A / 4x EKHVMYD50AB / 4x EKHTS260AC (2) 100% connection ratio of EMRQ10A / 2x EKHBRD014AD / 2x EKHTS260AC
(3) 100% connection ratio of EMRQ12A / 2x EKHBRD016AD / 2x EKHTS260AC (4) 100% connection ratio of EMRQ14A / 7x EKHVMYD50AB / 7x EKHTS260AC
(5) 100% connection ratio of EMRQ16A / 4x EKHBRD016AD / 4x EKHTS260AC (6) Condition: Ta=7°CDB/6°CWB, 100% connection ratio
(7) Condition: Ta=35°CDB, 100% connection ratio (8) Contains fluorinated greenhouse gases

EKHWP-B

Thermal store

Plastic domestic hot water tank with solar support

- Tank designed for connection with drainback thermal solar system
- Large hot water storage tank to provide domestic hot water at any time
- Heat loss is reduced to a minimum thanks to the high quality insulation
- Space heating support possible (500l tank only)

EKHWP300B EKHWP500B

Accessory				EKHWP	300B	500B
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)	
	Material				Impact resistant polypropylene	
Dimensions	Unit	Width	mm		595	790
		Depth	mm		615	790
Weight	Unit	Empty	kg		58	82
Tank	Water volume		l		294	477
	Material				Polypropylen	
	Maximum water temperature		°C		85	
	Insulation	Heat loss	kWh/24h		1.5	1.7
	Energy efficiency class				B	
	Standing heat loss		W		64	72
	Storage volume		l		294	477
Heat exchanger	Domestic hot water	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area	m^2		5.600	5.800
		Internal coil volume	l		27.1	29.0
		Operating pressure	bar		6	
		Average specifc thermal output	W/K		2,790	2,825
	Charging	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area	m^2		3	4
		Internal coil volume	l		13	19
		Operating pressure	bar		3	
		Average specifc thermal output	W/K		1,300	1,800
	Auxiliary solar heating	Tube material			-	Stainless steel (DIN 1.4404)
		Face area	m^2		-	1
		Internal coil volume	l		-	2
		Operating pressure	bar		-	3
		Average specifc thermal output	W/K		-	280

EKHTS-AC

Domestic hot water tank

Stackable stainless steel domestic hot water tank

- Stainless steel domestic hot water tank
- The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- Available in 200 and 260 liters
- Heat loss is reduced to a minimum thanks to the high quality insulation
- At necessary intervals, the indoor unit can heat up the water to 60°C to prevent the risk of bacteria growth
- Efficient temperature heat-up: from 10°C to 50°C in only 60 minutes

EKHTS200AC EKHTS260AC

Accessory				EKHTS	200AC	260AC
Casing	Colour				Metallic grey	
	Material				Galvanised steel (precoated sheet metal)	
Dimensions	Unit	Height	Integrated on indoor unit mm		2,010	2,285
		Width	mm		600	
		Depth	mm		695	
Weight	Unit	Empty	kg		70	78
Tank	Water volume		l		200	260
	Material				Stainless steel (EN 1.4521)	
	Maximum water temperature		°C		75	
	Insulation	Heat loss	kWh/24h		12.0	15.0
	Energy efficiency class				B	
	Standing heat loss		W		50	63
	Storage volume		l		200	260
Heat exchanger	Quantity				1	
	Tube material				Duplex steel (EN 1.4162)	
	Face area		m^2		1.560	
	Internal coil volume		l		7.5	

Heat pump convector

Floor standing unit saving on running costs when combined with under floor heating thanks to its low leaving water temperatures

- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Energy efficient heating and cooling system based on air source heat pump technology
- Optimum energy efficiency when connected to a Daikin Altherma low temperature system
- The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- Its low height enables the unit to fit perfectly beneath a window
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Can be installed against a wall or recessed

FWXV-A

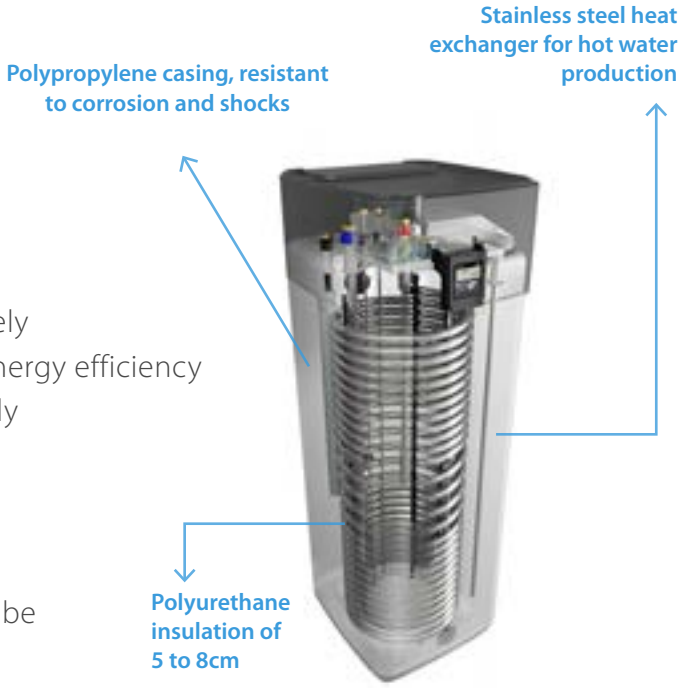
ARC452A15

Indoor Unit			FWXV	15A	20A
Heating capacity	Total capacity	Nom.	kW	1.5	2.0
			Btu/h	5,100	6,800
Cooling capacity	Total capacity	Nom.	kW	1.2	1.7
	Sensible capacity	Nom.	kW	0.98	1.4
Power input	Heating	Nom.	kW	0.013	0.015
	Cooling	Nom.	kW	0.013	0.015
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210	
Weight	Unit		kg	15	
Piping connections	Drain/OD/Inlet		mm/inch	18/G 1/2/G 1/2	
Sound pressure	Heating	Nom.	dBA	19	29
level	Cooling	Nom.	dBA	19	29
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220	

(1) The range of usable water temperature is 6°C (Min.) to 60°C (Max.) (2) Maximum allowable water pressure is 1.18MPa. (3) Comply with drinking water directive 98/83/EC for chilled water, hot water and make up water (4) The amount of water circulation should be 3L/min to 15L/min (0.18m^3/hr to 0.9m^3/hr). (5) Allowable model of hydrobox interlinking is BA-series. (6) Heat insulation: both inlet and outlet pipes

Domestic hot water heat pump

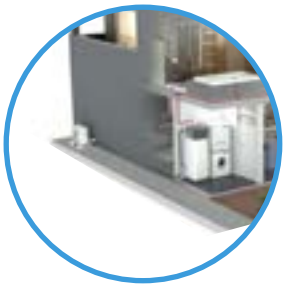
Hot water in an efficient way



Why choose the domestic hot water heat pump?

- Domestic hot water is heated almost immediately
- Combine it with solar heating for even better energy efficiency
- Easy installation: no water tank pressure and only limited pressure in the heat exchanger
- Low maintenance: no anode means no scale and lime deposits or corrosion
- Electrical back-up (2.5 kW) ensures hot water under all circumstances. The 500L tank can also be equipped with an external hydraulic back-up.

How does it work?



The outdoor unit extracts (pumps) heat from the air. Through a heat exchanger this heat is transferred directly to the storage tank – for hot water almost immediately.

High performance inverter heat pump

Just using the heat pump, hot water can be provided up to 55°C and hot water production is guaranteed down to -15°C.

Solar connection

For even more energy efficiency the heat pump can be combined with solar collectors. Two technologies are possible:

Pressureless (drain-back)
The solar collectors are only filled with water when the sun provides enough heat. In this case, both pumps in the control and pump unit switch on briefly and fill the collectors with storage tank water. After filling, one switches off and the other maintains water circulation. If there is not enough sunshine or if the solar storage tank doesn't need more heat, the circulation pump switches off and the entire solar system drains into the storage tank.

Pressurised
This system uses heat transfer fluid containing antifreeze to avoid freezing in winter. The whole system is pressurised and sealed.

Always in control, no matter where you are

Control via app

› App control with Daikin's online controller
  » to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
  » to keep an eye on your energy consumption

Utilise renewable energy to create a self-sustaining heating system

› thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
› photovoltaïc support: use electricity from your photovoltaïc solar collectors to provide energy for your heat pump

Domestic hot water heat pump

Hot water in an efficient way

- Domestic hot water is heated almost immediately
- Combine it with solar heating for even better energy efficiency
- Easy installation: no water tank pressure and only limited pressure in the heat exchanger
- Low maintenance: no anode means no scale and lime deposits or corrosion
- Electrical back-up (2.5 kW) ensures hot water under all circumstances. The 500L tank can also be equipped with an external hydraulic back-up.
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EKHHP300A2V3

ERWQ-AV3

EKSRPS3

Efficiency data				EKHHP + ERWQ	300A2V3 + 02AV3	500A2V3 + 02AV3
Domestic hot water heating	General	Declared load profile			L	XL
	Average climate	ηwh (water heating efficiency)	%		119	123
		Water heating energy efficiency class			A	
Power input	Domestic hot water	Min.	kW		0.004	
		Max.	kW		0.03	
COP					4.30 (1)	

Indoor Unit				EKHHP	300A2V3	500A2V3
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)	
Dimensions	Unit	HeightxWidthxDepth		mm	1,750x615x615	1,750x790x790
Weight	Unit			kg	70	80
Tank	Water volume			l	294	477
	Maximum water temperature			°C	85	
	Maximum water pressure			bar	0	
Operation range	Domestic hot water	Ambient	Min.~Max.	°CDB	2~35	
		Water side	Min.~Max.	°C	5~55	
Refrigerant	Type				R-410A	
	Charge			TCO_2eq	-	
	GWP				-	
Sound power level	Nom.			dBA	0	
Sound pressure level	Nom.			dBA	0	

Outdoor Unit				ERWQ	02AV3
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285
Weight	Unit			kg	35
Compressor	Quantity				1
	Type				Hermetically sealed swing compressor
Operation range	Domestic hot water	Min.~Max.		°CDB	-15~35
Refrigerant	Type				R-410A
	GWP				2,087.5
	Charge			TCO_2eq	2.2
				kg	1.05
	Control				-
Sound pressure level	Heating	Nom.		dBA	47
	Cooling	Nom.		dBA	47
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230

(1) at 7°C ambient temperature (2) Contains fluorinated greenhouse gases

Supremely compact gas condensing boiler, controllable via app

Why choose the Daikin gas condensing boiler?

NEW

Low weight

<30 kg

Connectivity/Cloud Service

Always in control, no matter where you are

Easy installation and service

All parts are accessible from the front and low maintenance thanks to gas-adaptive combustion system Lambda Gx with fully electronic gas-air combination

Solar thermal connection

Combi boiler: Solar pre-heating
Heating only boiler: solar controller input

Most compact

400 x 255 x 580 mm

Flexible in use

Thanks to IPX5D standard and its compact dimensions, possible to install in nearly all room conditions, like cupboards, balcony etc.

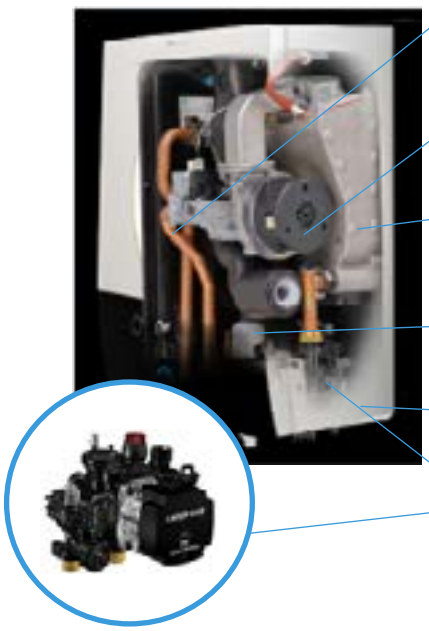
Modulation 1:8

Capacity adapts to required heat from 3 to 24 kW

Daikin eye

Easy to see if unit is in operation, stand by mode or if an error occurs

Daikin gas condensing technology



Gas Valve

› Less maintenance needed. It requires little servicing, only a function check once a year is recommended

Fan

› Wider modulation range
› Low noise revolution

Heat exchanger

› 100% Daikin design
› High Capacity/Weight index (~7kg)

Condensate Trap

› Daikin design

Domestic hot water plate heat exchanger

› Increased number of plates to provide faster hot water production at high efficiency.

Pump & Return hydroblock Includes filter and flow restrictor

› Air vent + plate heat exchanger connection + Drain tap + Internal bypass

Supporting tools

Extranet

› Experience our business portal at my.daikin.eu
› Find information easily
› Access via mobile or desktop
› Customise the options so you see olny info relevent for you

Gas condensing boiler

Supremely compact gas condensing boiler, controllable via app

- Very compact unit and flexible in use: possible to install in nearly all room conditions
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Easy installation and service: all parts are accessible from the front
- Low maintenance as only a function check is recommended once a year
- Solar thermal connection possible

D2CND/D2TND-A1/4A

NEW

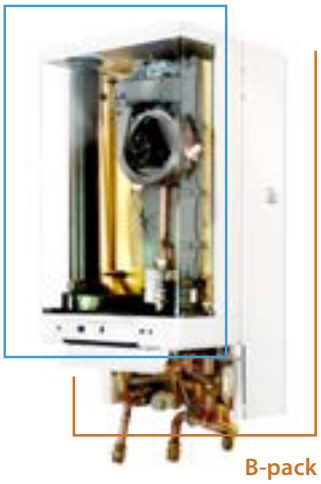
Indoor Unit			D2CND/D2TND	024A0AIT/1A/4A	028A1/4A	035A1/4A	012A4A	018A4A	024A4A	028A4A	035A4A
Gas	Connection	Diameter	inch	3/4" Male Threat			3/4" Male Threat				
Gas	Gas Consumption (G20)		m^3/h	2.48	3.01	3.77	1.23	1.85	2.48	3.01	3.77
	Gas Consumption (G25)		m^3/h	2.89	3.42	4.28	1.44	2.15	2.89	3.42	4.28
	Gas Consumption (G31)		m^3/h	0.96	1.15	1.44	0.48	0.71	0.96	1.15	1.44
Central heating	Nom. input rating (lower value)		kW	2.9 - 23.5	3.8 - 27.1	4.7 - 34	2.9 - 11.7	2.9 - 17.5	2.9 - 23.5	3.8 - 27.1	4.7 - 34
	Nom. input rating (upper value)		kW	3.2 - 26.1	4.2 - 30	5.2 - 37.7	3.2 - 13.0	3.2 - 19.4	3.2 - 26.1	4.2 - 30	5.2 - 37.7
	Output at 80/60°C Min - Nom		kW	2.8 - 22.8	3.6 - 26	4.46 - 32.6	2.8 - 11.4	2.8 -17.0	2.8 - 22.8	3.6 - 26	4.46 - 32.6
	Output at 50/30°C Min - Nom		kW	3.1 - 24.0	4 - 28	5 - 35	3.1 - 12	3.1 - 18.0	3.1 - 24.0	4 - 28	5 - 35
	Min. Output at 30/40		kW	3.2	4.1	5.0	3.2	3.2	3.2	4.1	5.0
	Efficiency		%	108.7%	108.0%	108%	108.7%	108.7%	108.7%	108%	108%
	Max. CH water pressure		bar	3			3				
	Max. CH water temperature		°C	80			80				
Domestic hot water	Nom. input rating (lower value)		kW	2.9 - 23.5	3.8 - 27.1	4.7 - 34	2.9 - 11.7	2.9 - 17.5	2.9 - 23.5	3.8 - 27.1	4.7 - 34
	Nom. input rating (upper value)		kW	3.2 - 26.1	4.2 - 30	5.2 - 37.7	3.2 - 13.0	3.2 - 19.4	3.2 - 26.1	4.2 - 30	5.2 - 37.7
	Nom. output		kW	2.8 - 22.8	3.6 - 26	4.46 - 32.6	2.8 - 11.4	2.8 -17.0	2.8 - 22.8	3.6 - 26	4.46 - 32.6
	Domestic hot water threshold		l/min	2	2.0	2.0	N/A	N/A	N/A	N/A	N/A
	DHW Flow Rate at deltaT 30 K		l/min	10	12	14	N/A	N/A	N/A	N/A	N/A
	DHW temperature (factory setting)		°C	60			60				
Flue gas connection / combustion air connection		Concentric connection	mm	60/100			60/100				
Casing	Colour			Titanium white (RAL 9003) / Light grey (RAL effect 860-1)			Titanium white (RAL 9003) / Light grey (RAL effect 860-1)				
	Material			electrostatic powder coated sheet metal			electrostatic powder coated sheet metal				
Dimensions	Unit	HeightxWidthxDepth	mm	590x400x256			590x400x256				
Weight	Unit		kg	27.5	36		27.5		36		
Power supply	Name/Phase/Frequency/ Voltage		Hz/V	1~/230/50			1~/230/50				
Electrical power consumption		Max.	W	87			87				
		Standby	W	3.5			3.5				

*Note: blue cells contain preliminary data

Gas condensing boiler

Reliability and peace of mind

Gas condensing boiler



B-pack

Why choose the Daikin gas condensing boiler?

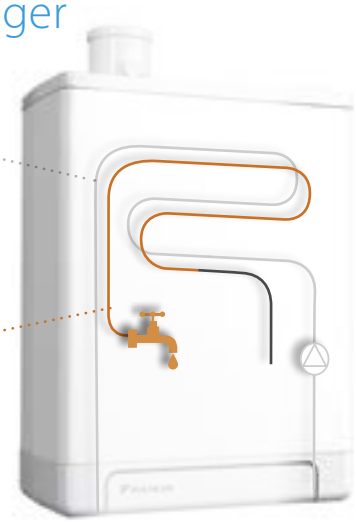
- Low costs for both heating and hot water thanks to new dual heat exchanger resulting in high efficiencies
- Easy installation in minimum space

Low costs for both heating and hot water thanks to new dual heat exchanger

1. With the first heat exchanger, maximum efficiency is reached when heating your home through condensation of the flue gases.

[Unique Daikin feature]

2. Also when producing hot water the efficiency is maximised thanks to condensation with the unique second heat exchanger.



Unique in the market: double condensation, not only for heating but also for domestic hot water resulting in low running costs

Easy installation in minimum space

Installation time can be reduced to the minimum by using our optional pre-assembled B-pack which contains all the components for the functional installation in one module and fits behind the boiler. And as there are fewer parts, the Daikin condensing gas boiler is more reliable and easier to service.

Control at a distance

Program your gas condensing boiler and follow up your energy consumption from a smartphone, tablet or computer with the RTRNETA3AA controller.

Supporting tools

Extranet

› Experience our new business portal at my.daikin.eu
› Find information easily
› Access via mobile or desktop
› Customise the options so you see only info relevant for you

Internet

› Find our solutions for different applications on www.daikineurope.com/for-your-home/needs/heating/condensing-boilers/

Literature

› See all the literature available on www.daikineurope.com/support-and-manuals/catalogues

Gas condensing boiler

High efficiency gas condensing boiler for heating and hot water

- Low running costs for both heating and hot water thanks to new dual heat exchanger
- Maximum heating comfort and domestic hot water when it is most needed
- Quick, easy and compact installation thanks to our optional pre-assembled B-pack, containing all auxiliary components

EKOMB-AH
incl. B-pack

EKOMBG-A

Indoor Unit					EKOMB/EKOMBG	22AH	28AH	33AH	22A	28A	33A
Central heating	Heat input Qn (net calorific value)	Nom	Min-Max	kW		5.6-18.7	7.1-23.7	7.2-27.3	5.5-23.3	7.2-29.1	7.5-32.7
	Heat input Qn (gross calorific value)	Nom	Min-Max	kW		6.2-20.8	7.9-26.3	8.0-30.3	6.1-25.9	8.0-32.3	8.3-36.3
	Output Pn at 80/60°C	Min-Nom		kW		--17.8	--22.8	7.1-26.3	5.4-22.7	7.1-28.4	7.4-32.1
	Output Pnc at 50/30°C	Min-Nom		kW		---		7.8-27.1	5.9-23.8	7.7-31.1	8.2-35.0
	Output at 40/30°C	Min		kW		-		7.7	5.9	7.7	8.2
	Water pressure (PMS)	Max		bar		3	-			3	
	Water temperature	Max		°C		-				90	
	Efficiency	Net calorific value		%				107			109
	Operation range	Min/Max		°C				-/-			
Domestic hot water	Heat input (net calorific value) Qnw	Nom	Min-Max	kW		5.6-22.1	7.1-28.0	---	5.5-23.3	7.2-29.1	7.5-32.7
	Heat input (gross calorific value) Qnw	Nom	Min-Max	kW		6.2-24.6	7.9-31.1	---	6.1-25.9	8.0-32.3	8.3-36.3
	Output	Min-Nom		kW			---		5.9-22.7	7.7-28.4	8.2-32.1
	Domestic hot water threshold			l/min		1.5		-		1.5	
	Water flow	Rate	Nom	l/min		10.0 (1) / 6.0 (2)	12.5 (1) / 7.5 (2)	-	10.0 (1) / 6.0 (2)	12.5 (1) / 7.5 (2)	15.0 (1) / 9.0 (2)
	Temperature	Factory setting		°C				60			
	Operation range	Min/Max		°C			40/65			-/-	
Gas	Connection	Diameter		mm			15	-		15	
	Consumption (G20)	Min-Max		m^3/h		0.58-2.29	0.74-2.46	---	0.57-2.42	0.75-3.02	0.78-3.39
	Consumption (G25)	Min-Max		m^3/h			---		0.66-2.80	0.86-3.50	0.80-3.93
	Consumption (G31)	Min-Max		m^3/h		0.22-0.87	---		0.22-0.92	0.28-1.15	0.30-1.29
Supply air	Connection			mm			100	-		100	
	Concentric						-			Yes	
Flue gas	Connection			mm		60	-			60	
Space heating	General	ηs (Seasonal space heating efficiency)		%				93			94
		Seasonal space heating eff. class						A			
Domestic hot water heating	General	Declared load profile				L	XL		L	XL	
		ηwh (water heating efficiency)		%		84	87		84	87	-
		Water heating energy efficiency class						A			
Casing	Colour					White - RAL9010		-	White - RAL9010		
	Material					Precoated sheet metal		-	Precoated sheet metal		
Dimensions	Unit	HeightxWidthxDepth		mm		590x450x240	650x450x240	-	590x450x240	650x450x240	710x450x240
Weight	Unit	Empty		kg		30	33	-	30	33	36
Power supply	Phase/Frequency/Voltage			Hz/V				1~/50/230			
Electrical power consumption	Max.			W				80			
	Standby			W				2			

(1) Setpoint 40°C (2) Setpoint 60°C

Options - Heating

Type		Material name	Daikin Altherma ground source heat pump	Daikin Altherma hybrid heat pump	Daikin Altherma LT split wall mounted / floor standing		Daikin Altherma LT split integrated solar unit	Daikin Altherma LT monobloc		Daikin Altherma HT	Daikin Altherma Flex Type		Heat pump convector	Condensing boilers	
					4-8kW	11-16kW		5-7 kW	11-16 kW		outdoor	indoor	FWXV-A	EKOMB*	D2CND/ D2TND
Controls	LAN adapter	BRP069A62	•	•	•	•		•							•
	LAN adapter + PV solar connection	BRP069A61	•	•	•	•		•							•
	Netatmo thermostat (FR, BE)	RTRNET1AA												•	•
	Netatmo thermostat (IT, DE, AT)	RTRNET2AA												•	•
	Netatmo thermostat (UK)	RTRNET3AA												•	•
	Netatmo thermostat (ES)	RTRNET4AA												•	•
	Remote user interface	EKRUAHTB								•		•			
	Remote user interface (DE, FR, NL, IT)	EKRUCBL1	•	•	•	•		•							
	Remote user interface (EN, ES, EL, PT)	EKRUCBL3	•	•	•	•		•							
	Remote user interface (EN, SV, NO, FI)	EKRUCBL2	•	•	•	•		•							
	Remote user interface (EN, TR, PL, RO)	EKRUCBL4	•	•	•	•		•							
	Remote user interface (DE, CS, SL, SK)	EKRUCBL5	•	•	•	•		•							
	Remote user interface (EN, HR, HU, BG)	EKRUCBL6	•	•	•	•		•							
	Remote user interface (EN, DE, RU, DA)	EKRUCBL7	•	•	•	•		•							
	Simplified user interface	EKRUCBSB	•	•	•	•		•							
	Rf-wlan converter	EKRFLAN1A												•	
	Room thermostat	DOTROOMTHEAA													•
	Room thermostat RoCon U1	EHS157034					•								
	Room thermostat (wired)	EKRTWA	•	•	•	•		•	•	•	•	•			
	Room thermostat (wireless)	EKRTR1	•	•	•	•		•	•	•	•	•			
	Standard protocol interface for LT (wall mounted only)	RTD-LT/CA			•	•									
	Standard protocol interface for HT and Flex Type	RTD-W								•		•			
	Centralised controller kit	EKCC-W			•	•				•					
	Heat meter (EHYHBH* only)	K.HEATMET		•											
	Communication gateway	DRGATEWAYAA													•
	Gateway RoCon G1 for apps	EHS157056					•								
	Dongle set	EKDS1A												•	
	Individual billing - connection kit	EKMBIL1										•			
	Connection kit for MK1	VMK1					•								
Adapter	Demand PCB	EKRP1AHTA	•		•	•				•		•			
	Digital I/O PCB	EKRP1HBAA	•		•	•			•	•		•			
Back-up heater	Back-up heater monobloc	EKMBUHBA6V3						•							
	Back-up heater for HT 1~	EKBUHAA6V3								•		•			
	Back-up heater for HT 3~	EKBUHAA6W1								•		•			
	Back-up heater 9kW	EKBU9C					•								
	Back-up heater kit	EKLBUHCB6W1				•									
	Booster heater for tank integrated design	EKBSHCA3V3				•									
	Bottom plate heater	EKBPHTH16A				•			•	•					
Drain	Drain kit	EKDK04			•	•			•						
	Drain pan for indoor wall munted	EKHBDPCA2			•	•									
	Drain pan for outdoor (excl heater)	EKDP008CA			•										
	Drain pan for reversible H/B	EKHYDP1		•											
	Drain pan heater	EKDPH008CA			•										
	Central drain pan kit	KWC25C450									•				
Filter	Magnetic filter without additives	K.FERNOXTF1			•	•									
	Magnetic filter with additive (500ml inhibitor fluid F1)	K.FERNOXTF1FL			•	•									
Installation	Bi-zone kit	BZKA7V3			•	•									
	Cover plate	DRCOVERPLATAA													•
	Cover plate 35	EKHY093467		•											
	Cover plate 35	EKCP1A												•	
	Heat insulation for hydraulic separator (HWC)	WHWC					•								
	Installation jig	EKHYMNT1		•											
	Metal housing for inwall installation kit	DRINWALLKITAA													•
	Separator for dirt	SAS1					•								
	Separator - hydraulic	HWC					•								
	Separator for mud and lodestone	156021													•
	Separator for mud and lodestone	IT.DEFANG-TP													•
	Separator for mud and lodestone	IT-DEFANG-OT													•
	Snowcover	EK016SNCA				•									
	Solar water heater connection set	EKSH1A												•	
	U-beams for outdoor	EKFT008CA			•										
	UK tank kit	EKVSU260A				•									
	UK tank kit	EKUHWHTA								•					
	Wire harness	EKGSCONBP1	•												
	Stand alone kit	EKFMAHTB								•		•			
	Antifreezing set from -5°C to -15°C	DRANTIFREEZAA													•
	Outdoor unit guard	K.CG750S						•							
	Outdoor unit guard small (H750xW1050xD460) **(UK only)**	K.CGS						•							
	Outdoor unit guard medium (H1150xW1150xD650) **(UK only)**	K.CGM						•							
	Outdoor unit guard large (H1450xW1150xD650) **(UK only)**	K.CGL						•							
	Additional front/back plate for outdoor unit guard K.CG7505	K.CG750FPS						•							
	Additional front/back plate for outdoor unit guard K.CGM **(UK only)**	K.CGFPM						•							
	Additional front/back plate for outdoor unit guard K.CGL **(UK only)**	K.CGFPL						•							
	Base plate for outdoor unit guard K.CG7505	K.CG750BPML						•							
	Base plate for high mounted guard	K.CGBPML						•							
	Condensate drip tray 1100mm	K.DT2						•							
	Condensate drip tray 800mm **(UK only)**	K.DT1						•							
	Fixings for steel drip tray to flexi feet	K.DTFB						•							
	Flexi foot narrow	K.FF600ASN						•							
	Flexi foot standard	K.FF600S						•							
	Flexible hose 500mm	K.HOSE500						•							
	Flexible hose 750mm	K.HOSE750						•							
	Flexible hose 750mm with elbow	K.HOSE750EL						•							
	Part guard to cover exposed side coil	K.CGSIDE						•							
	Through wall instulation sleeve kit	K.SLEEVE						•							
	Wall brackets - stainless steel (250 kg, 660 mm long)	K.CWBXLSS						•							
	Wall brackets - stainless steel (90 kg, 500 mm long) **(UK only)**	K.CWB90SS						•							
	Wall brackets - stainless steel (140 kg, 540 mm long) **(UK only)**	K.CWBLSS						•							
	Wall brackets (250 kG, 660mm long)	K.CWBXL						•							
	Wall brackets (90 kg, 500mm long) **(UK only)**	K.CWB90-2						•							
	Wall brackets (140 kG, 540mm long) **(UK only)**	K.CWB140-2						•							

	Type	Material name	Daikin Altherma ground source heat pump	Daikin Altherma hybrid heat pump	Daikin Altherma LT split wall mounted / floor standing		Daikin Altherma LT split integrated solar unit	Daikin Altherma LT monobloc		Daikin Altherma HT	Daikin Altherma Flex Type		Heat pump convector	Condensing boilers	
					4-8kW	11-16kW		5-7 kW	11-16 kW		outdoor	indoor	FWXV-A	EKOMB*	D2CND/ D2TND
Refnet	Refnet header	KHRQ(M)23M29H8									•				
	Refnet header	KHRQ(M)23M64H8									•				
	Refnet joint	KHRQ(M)23M20T8									•				
	Refnet joint	KHRQ(M)23M29T8									•				
	Refnet joint	KHRQ(M)23M64T8									•				
Sensor	Remote indoor sensor	KRCS01-1B	•		•	•									
	Remote sensor for outdoor	EKRSCA1			•										
	External sensor	EKRTETS	•	•	•	•	•	•	•	•		•			
	Outdoor sensor for Rocon Controller	RoCon OT1					•								
	Outdoor sensor	EKOSK1A												•	
	Outdoor sensor	DROUTSENSORAA													•
Valve	Refrigerant stop valves	EKRSVHTA								•					
	Valve kit	EKVK1A/2A/3A	•												
	Valve kit (DE)	EKVK6A												•	
	Valve kit (IT, ES, CZ, GR, PL, PT)	EKVK4A												•	
	Valve kit 3-way	EK3WV1A												•	
	Valve kit for connection to 3rd party tank with built-in thermotat	EKHY3PART2		•											
	Valve kit for connection to 3rd party tank with sensor pocket	EKHY3PART		•											
	Valve kit C1 - 90° valves	DRVALEKIC1AA													•
	Valve kit C2 - 90° valves	DRVALVEKIC2AA													•
	Valve kit T1 - 90° valves	DRVALVEKIT1AA													•
	Valve kit T2 - 90° valves	DRVALVEKIT2AA													•
	Valve kit FWXV-A	EKVKHPC											•		
Others	Compatibility kit 1	EKMKHT1A								•					
	Compatibility kit 2	EKMKHT2A								•					
	Cable	EKCOMCAB1						•							
	PC cable	EKPCCAB1	•		•	•									
	Ground source filling kit	KGSFILL	•												
	Mixer module RoCon M1	EHS157068					•								
	Unmixed pump group	DPUMPGROUPAA													•
B-pack	B-pack for combi 22 kW (DE)	EKFJS4A												•	
	B-pack for combi 22 kW (FR, BE)	EKFJS2A												•	
	B-pack for combi 22 kW (IT, ES, CZ, GR, PL, PT)	EKFJS1A												•	
	B-pack for combi 22 kW (UK)	EKFJS3A												•	
	B-pack for combi 28 kW (DE)	EKFJM4A												•	
	B-pack for combi 28 kW (FR, BE)	EKFJM2A												•	
	B-pack for combi 28 kW (IT, ES, CZ, GR, PL, PT)	EKFJM1A												•	
	B-pack for combi 28 kW (UK)	EKFJM3A												•	
	B-pack for combi 33 kW (DE)	EKFJL4A												•	
	B-pack for combi 33 kW (FR, BE)	EKFJL2A												•	
	B-pack for combi 33 kW (IT, ES, CZ, GR, PL, PT)	EKFJL1A												•	
	B-pack for combi 33 kW (UK)	EKFJL3A												•	
	Propane set	EKHY075787		•										•	
Propane set	Propane set (EKOMB22*, EKOMBG28*))	EKPS075867												•	
	Propane set (EKOMBG22*)	EKPS075877												•	

	Type	Material name	Daikin Altherma ground source heat pump	Daikin Altherma hybrid heat pump	Daikin Altherma LT split wall mounted / floor standing		Daikin Altherma LT split integrated solar unit	Daikin Altherma LT monobloc		Daikin Altherma HT	Daikin Altherma Flex Type		Heat pump convector	Condensing boilers	
					4-8kW	11-16kW		5-7 kW	11-16 kW		outdoor	indoor	FWXV-A	EKOMB*	D2CND/ D2TND
Flue gas connections	Adapter Flex-Fixed PP 100	EKFGP6316		•										•	•
	Adapter Flex-Fixed PP 130	EKFGS0252		•										•	•
	Adaptor set concentri 60/100	EKAS1A												•	•
	Chimney Connection 60/100	EKFGP4678		•										•	•
	Chimney Connection 60/100	EKFGP4678		•										•	•
	Chimney Connection 80/125	EKFGP4828		•										•	•
	Chimney Connection 60/10 Air Intake Dn. 80 C83	EKFGV1101		•										•	•
	Chimney Top PP 100 incl. Flue Pipe	EKFGP5497		•										•	•
	Chimney Top PP 130 incl. Flue Pipe	EKFGP5197		•										•	•
	Concentric connection Ø 80/125	EKHY090717		•										•	•
	Connector Flex-Flex PP 100	EKFGP6325		•										•	•
	Connector Flex-Flex PP 130	EKFGP6366		•										•	•
	Connector Flex-Flex PP 80	EKFGP6324		•										•	•
	Connection set 60/10-60 Flue/Air intake Dn. 80 C53	EKFGV1102		•										•	•
	Eccentric connnection Ø 80	EKHY090707		•										•	•
	Eccentric connnection Ø 80	EKHY090707		•										•	•
	Elbow PP/ALU 80/125 90°	EKFGP4810		•										•	•
	Elbow PP/GLV 60/100 30°	EKFGP4664		•										•	•
	Elbow PP/GLV 60/100 45°	EKFGP4661		•										•	•
	Elbow PP/GLV 60/100 90°	EKFGP4660		•										•	•
	Elbow PP/GLV 80/125 30°	EKFGP4814		•										•	•
	Elbow PP MB-AIR 80 90°	EKFGW4085		•										•	•
	Elbow PP BM-AIR 80 45°	EKFGW4086		•										•	•
	Extension Flex PP 100 L=10 M	EKFGP6346		•										•	•
	Extension Flex PP 100 L=15 M	EKFGP6349		•										•	•
	Extension Flex PP 100 L=25 M	EKFGP6347		•										•	•
	Extension Flex PP 130 L=30 M	EKFGS0250		•										•	•
	Extension Flex PP 80 L=10 M	EKFGP6340		•										•	•
	Extension Flex PP 80 L=15 M	EKFGP6344		•										•	•
	Extension Flex PP 80 L=25 M	EKFGP6341		•										•	•
	Extension Flex PP 80 L=50 M	EKFGP6342		•										•	•
	Extension PP 60x500	EKFGP5461		•										•	•
	Extension PP/GLV 60/100 x 1000mm	EKFGP4652		•										•	•
	Extension PP/GLV 60/100 x 500mm	EKFGP4651		•										•	•
	Extension PP/GLV 80/125 x 10000mm	EKFGP4802		•										•	•
	Extension PP/GLV 80/125 x 500mm	EKFGP4801		•										•	•
	Extension P BM-Air 80x500	EKFGW4001		•										•	•
	Extension P BM-Air 80x1000	EKFGW4002		•										•	•
	Extension P BM-Air 80x2000	EKFGW4004		•										•	•
	Filling loop set	EKFL1AA		•										•	•
	Flex 100-60 + Support Elbow	EKFGP6354		•										•	•
	Flex 130-60 + Support Elbow	EKFGS0257		•										•	•
	Flex Kit PP Dn.60-80	EKFGP1856		•										•	•
	Flex Kit PP Dn.8	EKFGP2520		•										•	•
	Flue Deflector 60 (UK Only)	EKFGP1295		•										•	•
	Flue gas non-return flap	EKFGF1A		•										•	•
	Gas conversion kit from G20 to G25	EKPS076227		•										•	•
	Gas conversion kit from G20 to G25 (EKOMB22*, EKOMBG28*)	EKPS076217												•	
	Gas conversion kit from G20 to G25 (EKOMBG22*)	EKPS076207												•	
	Gas conversion kit from G20 to G26 (EKOMB22*, EKOMB(G)33*)	EKPS076227												•	
	Inspection Elbow Plus PP/ALU 80/125 90° EPDM	EKFGP4820		•										•	•
	Meas. Tee with Inspection Panel PP/GLV 60/100	EKFGP4667		•										•	•
	Plume Managment Kit 60 (UK Only)	EKFGP1294		•										•	•
	PMK Elbow 60 45° (2 pcs) (UK Only)	EKFGP1285		•										•	•
	PMK Elbow 60 90 (UK Only)	EKFGP1284		•										•	•
	PMK Extension 60 L=1000 incl. breaket (UK Only)	EKFGP1286		•										•	•
	Roof Terminal PP/GLV 60/100 AR460	EKFGP6837		•										•	•
	Roof Terminal PP/GLV 80/125 AR300 Ral-9011	EKFGP6864		•										•	•
	Spacer PP 80-100	EKFGP6333		•										•	•
	Support Breaket Top Inox Dn.100	EKFGP6337		•										•	•
	Support Breaket Top Inox Dn.130	EKFGP6353		•										•	•
	Tee Flex 100 Boiler Connectionset 1	EKFGP6368		•										•	•
	Tee Flex 130 Boiler Connectionset 1	EKFGP6215		•										•	•
	Thermistor recirculator	EK TH2		•										•	•
	Wall Bracket Dn.100	EKFGP4481		•										•	•
	Wall Bracket Dn.100	EKFGP4631		•										•	•
	Wall Terminal Kit low profile PP/GLV 60/100	EKFGP1293		•										•	•
	Wall Terminal Kit low profile PP/GLV 60/100	EKFGP297 7		•										•	•
	Wall Terminal Kit PP/GLV 60/100	EKFGP2978		•										•	•
	Wall Terminal Kit PP/GLV 60/100	EKFGP1292		•										•	•
	Wall Terminal Kit PP/GLV 80/125	EKFGW6359		•										•	•
	Wall Terminal Kit low profile PP/GLV 60/100 (UK only)	EKFGP1299		•										•	•
	Weather Slate Flat Alu 60/100	EKFGP6940		•										•	•
	Weather Slate Flat Alu 60/100 0°-15°	EKFGP1296		•										•	•
	Weather Slate Flat Alu 80/125	EKFGW5333		•										•	•
	Weather Slate Flat Alu 80/125 0°-15°	EKFGP1297		•										•	•
	Weather Slate Steep Pb/GLV 60/100 18°-22°	EKFGS0518		•										•	•
	Weather Slate Steep Pb/GLV 60/100 23°-27°	EKFGS0519		•										•	•
	Weather Slate Steep Pb/GLV 60/100 43°-47°	EKFGS0523		•										•	•
	Weather Slate Steep Pb/GLV 60/100 48°-52°	EKFGS0524		•										•	•
	Weather Slate Steep Pb/GLV 60/100 53°-57°	EKFGS0525		•										•	•
	Weather Slate Steep Pb/GLV 80/125 18°-22°	EKFGT6300		•										•	•
	Weather Slate Steep Pb/GLV 80/125 23°-27°	EKFGT6301		•										•	•
	Weather Slate Steep Pb/GLV 80/125 43°-47°	EKFGT6305		•										•	•
	Weather Slate Steep Pb/GLV 80/125 48°-52°	EKFGT6306		•										•	•
	Weather Slate Steep Pb/GLV 80/125 53°-57°	EKFGT6307		•										•	•
	Weather Slate Steep PF 60/100 25°-45°	EKFGP7910		•										•	•
	Weather Slate Steep PF 80/125 25°-45° Ral-9011	EKFGP7909		•										•	•
	Flue gas decoupler 80/125	DRDECO80125AA													•
	Flue gas decoupler 80/80	DRDECOP8080AA													•
	Flue gas measurement adapter 60/100 (90° elbow)	DRMEEA60100AA													•
	Flue gas measurement adapter 60/100 (straight)	DRMESA60100AA													•

	Type		EKHWP	EKHTS	EKHWS
Tank options	Connection kit EKHWP300 for low temperature (heating only / heating and cooling)	EKDVCPLT3HX	•		
	Connection kit EKHWP500 for low temperature (heating only)	EKDVCPLT5H	•		
	Connection kit EKHWP500 for low temperature (heating and cooling)	EKDVCPLT5X	•		
	Connection kit for high temperature and VRV indoor HXHD125 (EKHWP300/EKHWP500)	EKEPHT3H / EKEPHT5H	•		
	Connection kit for Daikiin Altherma Flex Type (heating only)	EKEPHT3H	•		
	Connection kit for Daikiin Altherma Flex Type (heating and cooling)	EKEPHT3H + 156034	•		
	Connection kit for Daikin Altherma hybrid heat pump	EKEPHT3H	•	•	
	3 way valve	3-W-UV2	•		
	Booster heater with melting fuse (900mm)	EKBH3S	•		
	Option kit (EKHTS / EKHTSU)	EKFMALTA / EKUHWHTA		•	
	Wall bracket	EKWBSWW150			•

	Type		EKSV-P	EKSH-P
Solar options	Mounting kit on roof (antracite)	EKSRCAP	•	•
	Mounting kit on roof (red)	EKSRCRP	•	•
	Mounting kit on roof (excl. Roof tile)	EKSRCP	•	•
	Gravity brake	16 50 70	•	•
	Flow sensor	FLS12	•	•
	Flow regulating valve with flow rate indicator	FLG	•	•
	Connection set for additional heat source	EWS	•	•
	Hot water recirculation kit	ZKL	•	•
	Thermostatic antiscald mixing valve + 1" screw connection set	V TA32 + 156016	•	•
	Solar Expansion vessel 12l	MAGS12	•	•
	Solar Expansion vessel 25l	MAGS25	•	•
	Solar Expansion vessel 35l	MAGS35	•	•
	Pressureless Connection piping between solar panel & pump station: 15 meter	CON 15	•	•
	Pressureless Connection piping between solar panel & pump station: 20 meter	CON 20	•	•
	Unpressurised elongation pipe 2.5 m including couplings	CON X 25	•	•
	Unpressurised elongation pipe 5 m including couplings	CON X 50	•	•
	Unpressurised elongation pipe 10 m including couplings	CON X 100	•	•
	Unpressurised elongation for inlet pipe 8 meter	CON XV 80	•	•
	Pressure solar pipe DN16 - 15m	CON15P16	•	•
	Connectors DN16	CONXP16	•	•
	Pressure solar pipe DN20 - 15m	CON15P20	•	•
	Connectors DN20	CONXP20	•	•
	Connectors DN20	CON CP16	•	•
	Connectors DN20	CON CP20	•	•
	Mounting kit IN-ROOF	RCIP	•	•
	Mounting kit FLAT ROOF	RCFP	•	•
	Additional roof breakthrough for opposite side connection	CON FE	•	•
	Connection kit between 2 solar panels	FIX VBP	•	•
	Connection kit between 2 rows of Collectors	CON RVP	•	•
	Connection kit between 2 rows of Collectors	CON LCP	•	•
	Mounting support for V26P	FIX MP 130	•	•
	Mounting support for H26P	FIX MP 200	•	•
	Mounting support for V21P	FIX MP 100	•	•
	Suporting shell for pressureless connection pipe	TS	•	•
	Standard mounting set for on-roof mounting suitable for roof tiles	FIX AD	•	•
	Variable height mounting set for on-roof mounting suitable for roof tiles	FIX ADP	•	•
	Mounting set for on-roof mounting	FIX ADD	•	•
	Mounting set for on-roof mounting suitable for flat tiles e.g. shingles	FIX ADS	•	•
	Mounting set for on-roof mounting suitable for corrugated plates	FIX - WD	•	•
	Mounting set for on-roof mounting suitable for metal roofs	FIX BD	•	•
	Basic IN ROOF installation kit for 2 EKSV21P	IBV21P	•	•
	Extension IN ROOF installation kit for 1 additional EKSV21P	IEV21P	•	•
	Basic IN ROOF installation kit for 2 EKSV26P	IBV26P	•	•
	Extension IN ROOF installation kit for 1 additional EKSV26P	IEV26P	•	•
	IN ROOF covering slate complementing kit	FIX-IES	•	•
	Basic FLAT ROOF support frame for 2 EKSV26P	FB V26P	•	•
	Extension FLAT ROOF support frame for additional EKSV26P	FE V26P	•	•
	Basic FLAT ROOF support frame for 1 EKSH26P	FB H26P	•	•
	Extension FLAT ROOF support frame for additional EKSH26P	FE H26P	•	•
	Release tool	FIX LP	•	•
	Glycol fluid 20 l	GFL	•	•

Comfort all year round

The choice of the right system mostly depends on the specific project. Every home is unique. Furthermore, it concerns the daily living environment. Whether you are talking in terms of construction or renovation, small areas or large spaces, Daikin heat pumps adapt to each layout with efficiency.

Residential applications - split

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For latest data, please consult my.daikin.eu

Total comfort at home

Why choose a Daikin split system?

- The ideal solution for each application thanks to the **wide range of available products** both for cooling and heating
- **Low energy** bills thanks to high seasonal efficiencies up to A+++ and energy saving features such as intelligent eye and weekly timer
- Control via a **smartphone app** or a user friendly remote controller
- Perfect indoor climate: **whisper quiet sound** level & **perfect airflow** pattern

Any kind of indoor unit

1. Wall mounted unit:
a wide range from top efficiency and design units to units offering good value for money

2. Floor standing unit:
ideal for heating comfort, offering features like a radiant heat panel.

3. Concealed ceiling unit:
as it can be mounted in a ceiling void, it blends unobtrusively with any décor as only the grilles are visible.

4. Flexi type unit:
can fit on either ceiling or lower wall.

1. Daikin Emura
Wall mounted unit

2. Nexura
Floor standing unit

3. FDXM-F3
Concealed ceiling unit

4. FLXS-B(9)
Flexi type unit

One or multiple rooms?
The choice is yours.

With **1** multi **outdoor unit**, up to **5 or 9* indoor units** can be connected. All indoor units can be **individually controlled** and do not need to be installed in the same room or even at the same time.

* with RXYS(C)Q-TV1

5MXS90E

R-32 - the refrigerant of the future

R-32

Daikin is leading the way to the most energy efficient product range with the lowest environmental impact

- **68% Reduction in environmental impact** compared to R-410A
- Seasonal efficiency values up to A+++
- Full split range available including wall mounted and concealed ceiling units, connectable to pair and multi outdoor units

Optimised for heating

-25°

Our special split range optimised for heating is suitable for colder climates, even withstanding severe winter conditions

- Guaranteed capacity down to -25°C
- High heating energy efficiency with SCOP up to A++
- Improved defrost thanks to unique **free hanging coil** technology

Online controller
Always in control, no matter where you are

Control your indoor from any location with an app (available for iOS & Android), via your local network or internet. It is now connectable to most of the split indoors.

ONLINE CONTROLLER,
BRP069A45

WALL MOUNTED UNIT,
FTXM-M

NEXURA FLOOR
STANDING UNIT, FVXG-K

URURU SARARA WALL MOUNTED UNIT, FTXZ-N

DAIKIN EMURA WALL MOUNTED UNIT, FTXG-LS

Products overview

Indoor units

Refrigerant	Type	Model	Product name		15	20	25	35	42	50	60	71
R-32	Wall mounted	Ururu Sarara Complete climate control with (de) humidification, air purification & ventilation with top efficiencies in heating & cooling	FTXZ-N				● (pair only)	● (pair only)		● (pair only)		
		Daikin Emura Design at its best, delivering superior efficiency and comfort	FTXJ-MW/S			●	●	●		●		
		Wall mounted unit Discreet, modern design for optimal efficiency and comfort thanks to 2 area intelligent eye	CTXM-M		● (multi only)							
			FTXM-M			●	●	●	●	●	●	●
		Wall mounted unit - Multi model applications Discreet wall mounted unit providing high efficiency and comfort	FTXP-K3			●	●	●		●	●	●
	Concealed ceiling	Concealed ceiling unit - Multi model applications Compact concealed ceiling unit, with a height of only 200mm	FDXM-F3				●	●		●	●	
	Siesta Wall mounted	Siesta wall mounted unit Discreet, modern design for optimal efficiency and comfort thanks to 2 area intelligent eye	ATXM-M			● (multi only)	●	●		●		
		Siesta wall mounted unit - Multi model applications Discreet Siesta wall mounted unit providing high efficiency and comfort	ATXP-K3			●	●	●				
R-410A	Wall mounted	Daikin Emura Design at its best, delivering superior efficiency and comfort	FTXG-LW/S			●	●	●		●		
		Wall mounted unit Discreet, modern design for optimal efficiency and comfort thanks to 2 area intelligent eye	CTXS-K		● (multi only)			● (multi only)				
			FTXS-K			●	●	●	●	●		
		Wall mounted unit For optimal efficiency and comfort, ideal for large rooms	FTXS-G								●	●
			FTX-KN/V			●	●	●		● (pair only)	● (pair only)	● (pair only)
		Wall mounted unit Providing high efficiency and comfort	FTX-J3			●	●	●				
			FTX-GV							● (pair only)	● (pair only)	
		Wall mounted unit For low energy consumption and pleasant comfort	FTXK-AW/S				● (pair only)	● (pair only)		● (pair only)	● (pair only)	
			FTXB-C			● (pair only)	● (pair only)	● (pair only)		● (pair only)	● (pair only)	

Refrigerant	Type	Model	Product name		15	20	25	35	42	50	60	71
R-410A	Floor standing	Nexura - floor standing unit with radiant heat panel Stylish floor standing unit with radiant heat panel for comfortable heat and very low noise	FVXG-K				●	●		●		
		Floor standing unit Floor standing unit for optimal heating comfort thanks to dual airflow	FVXS-F				●	●		●		
	Flexi type	Flexi type unit Flexible unit, ideal for rooms without false ceiling, can fit on either ceiling or wall	FLXS-B(9)				●	●		●	● (multi only)	
	Concealed ceiling	Small concealed ceiling unit - Multi model applications Designed for hotel applications	FDBQ-B				● (multi only)					
R-410A	Siesta Wall mounted	Wall mounted unit Siesta, discreet, modern unit for optimal efficiency and comfort thanks to 2 area intelligent eye	ATXS-K			● (multi only)	●	●		●		
		Wall mounted unit Siesta, providing high efficiency and comfort	ATX-J3			●	●	●				
			ATX-KV			●	●	●				
		Wall mounted unit Siesta, offering good value for money and ensuring a steady supply of clean air	ATXN-NB9				● (pair only)	● (pair only)		● (pair only)	● (pair only)	
		Wall mounted unit Siesta, for low energy consumption and pleasant comfort	ATXB-C				● (pair only)	● (pair only)		● (pair only)	● (pair only)	
R-410A Designed for colder climates	Wall mounted	Daikin Emura Design at its best, delivering superior efficiency and comfort	FTXG-LW/S			● (pair only)	● (pair only)					
		Wall mounted unit Discreet, modern design for optimal efficiency and comfort thanks to 2 area intelligent eye	FTXLS-K3				● (pair only)	● (pair only)				
		Wall mounted unit Providing high efficiency and comfort	FTXL-JV				● (pair only)	● (pair only)				
	Floor standing	Nexura - floor standing unit with radiant heat panel Stylish floor standing unit with radiant heat panel for comfortable heat and very low noise	FVXG-K				● (pair only)	● (pair only)				
		Floor standing unit Floor standing unit for optimal heating comfort thanks to dual airflow	FVXS-F				● (pair only)	● (pair only)				
	Siesta Wall mounted	Wall mounted unit Siesta, providing high efficiency and comfort even at low ambient temperatures	ATXL-JV				● (pair only)	● (pair only)				

Products overview

Outdoor units

Refrigerant	Type	Model	Product name		20	25	35	40	42	50	52	60	68	71	80	90	4HP	5HP	6HP
R-32	Air cooled	Pair heat pump	RXZ-N			●	●			●									
			RXJ-M		●	●	●			●									
			RXM-M(9)		●	●	●		●	●		●		●					
			RXP-K3		●	●	●												
		Multi heat pump	2-port MXM-M(9)					●		●									
			3-port MXM-N9					●			●		●						
			4-port MXM-N9										●		●				
			5-port MXM-N9													●			
R-410A	Air cooled Siesta	Pair heat pump	ARXM-M9			●	●			●									
			ARXP-K3		●	●	●												
		Multi heat pump	2-port AMXM-M					●		●									
			3-port AMXM-M								●								
R-410A	Air cooled	Pair heat pump	RXG-L		●	●	●			●									
			RXS-L(3)		●	●	●		●	●		●							
			RXS-F8											●					
			RX-K(M)		●	●	●			●		●		●					
			RX-GV (B)							●		●							
			RXK-A			●	●			●		●							
			RXB-C		●	●	●			●		●							

Refrigerant	Type	Model	Product name		20	25	35	40	42	50	52	60	68	71	80	90	4HP	5HP	6HP
R-410A	Air cooled	Multi heat pump	2-port MXS-H					●		●									
			3-port MXS-K					●											
			3-port MXS-E								●								
			3-port MXS-G										●						
			4-port MXS-F										●						
			4-port MXS-E												●				
			5-port MXS-E													●			
			RXYSCQ-TV1														●	●	
			RXYSQ-TV1														●	●	●
R-410A	Air cooled Siesta	Pair heat pump	ARXS-L(3)			●	●			●									
			ARX-K		●	●	●												
			ARXN-NB9			●	●			●		●							
			ARXB-C			●	●			●		●							
		Multi heat pump	2-port AMX-G					●		●									
			3-port AMX-E								●								
R-410A Designed for colder climates	Air cooled	Pair heat pump down to -25°C	RXLG-M			●	●												
			RXLS-M			●	●												
			RXL-M3			●	●												
	Air cooled Siesta	Pair heat pump down to -25°C	ARXL-M			●	●												

Benefits overview

Split

		R-32				R-32 R-410A	R-32							
		Wall mounted				Concealed ceiling	Siesta Wall mounted		Wall mounted					
		FTXZ-N	FTXJ-MW/S	C/FTXM-M	FTXP-KV	FDXM-F3	ATXM-M	ATXP-KV	FTXG-LW/S	CTXS-K	FTXS-K	FTXS-G	FTX-KN/V	FTX-J3	FTX-GV
We care	Econo mode	•	•	•	•		•		•	•	•	•	•	•	
	2-area intelligent eye		•	•			•		•		• 35,42,50 class				
	3- area intelligent eye	•													
	Movement sensor			•			•			•	• 20,25 class	•			•
	Energy saving during operation standby	•	•	•	•		•		•	•	•		•	•	
	Home leave operation														•
	Night set mode		•	•	•		•		•	•	•	•	•	•	•
	Fan only	•	•	•	•	•	•		•	•	•	•	•	•	•
	Auto cleaning filter	•				•*									
Comfort	Comfort mode	•	•	•	•		•		•	•	•	•	•	•	
	Powerful mode	•	•	•	•		•		•	•	•	•	•	•	•
	Auto cooling-heating changeover	•	•	•	•		•		•	•	•	•	•	•	•
	Whisper quiet (down to 19dBA)	•	•	•			•		•	•	•				
	Radiant heat														
	Indoor unit silent operation	•	•	•	•		•		•	•	•	•	•	•	•
	Comfortable sleeping mode	•													
	Outdoor unit silent operation	•	•	•			•		•	•	•	•		•	•
Air flow	3-D Air flow	•	•	•			•		•		• 35,42,50 class	•			•
	Vertical auto swing	•	•	•	•		•		•	•	•	•	•	•	•
	Horizontal auto swing	•	•	•			•		•		• 35,42,50 class	•			•
	Auto fan speed	•	•	•	•		•		•	•	•	•	•	•	•
	Fan speed steps	5	5	5	5	3	5	5	5	5	5	5	5	5	5
Humidity control	Ururu - humidification	•													
	Sarara - dehumidification	•													
	Dry programme		•	•	•	•	•		•	•	•	•	•	•	•
Air treatment	Flash streamer	•		•			•								
	Titanium apatite deodorising filter	•	•		•				•	•	•	•	•	•	•
	Photocatalytic deodorising filter														
	Air filter					•									
Remote control & timer	Online controller	•	•	•	•		•		•	•	•	•	•	•	•
	Weekly timer		•	•		•	•		•	•	•	•			
	24 Hour timer	•	•	•	•	•	•		•	•	•	•		•	•
	Infrared remote control	•	•	•	•	•	•		•	•	•	•	•	•	•
	Wired remote control		•	•		•	•		•	•	•	•	•	•	•
	Centralised remote control	•	•	•		•	•		•	•	•	•			•
Other functions	Auto-restart	•	•	•	•	•	•		•	•	•	•	•	•	•
	Self-diagnosis	•	•	•	•	•	•		•	•	•	•	•	•	•
	Multi model application		•	•	•	•	•		•	•	•	•	•	•	
	VRV for residential application								•	•	•	•			
	Guaranteed operation down to -25°C														

*Note: blue cells contain preliminary data

For explanation on the benefits, see the end of this catalogue.
* available as option

R-410A											R-410A Designed for colder climates					
		Floor standing		Flexi type	Concealed ceiling	Siesta Wall mounted					Wall mounted			Floorstanding		Siesta Wall mounted
FTXK-AW/S	FTXB-C	FVXG-K	FVXS-F	FLXS-B(9)	FDBQ-B	ATXS-K	ATX-J3	ATX-KV	ATXN-NB9	ATXB-C	FTXG-LW/S	FTXLS-K3	FTXL-JV	FVXG-K	FVXS-F	ATXL-JV
	•	•	•			•	•	•		•	•	•		•	•	
						• 35,50 class					•	•				
						• 20,25 class										
	•					•	•	•		•	•	•				
				•	•											
•	•	•	•			•	•	•		•	•	•	•	•	•	•
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		•	•	•		•	•				•	•		•	•	
						• 35,50 class					•	•				
•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
						• 35,50 class					•	•				
•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
3	3	5	5	5	2	5	5	5	5	3	5	5	5	5	5	5
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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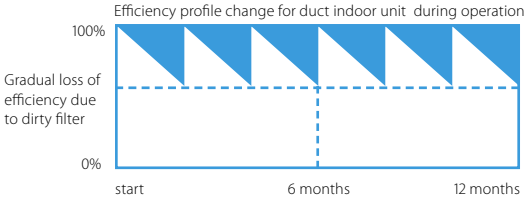
Auto cleaning filter for concealed ceiling units

A unique success story repeated

Reduced runningcosts

› Automatic filter cleaning
› Reduces running costs as the filter is alwas clean



Improved room air quality

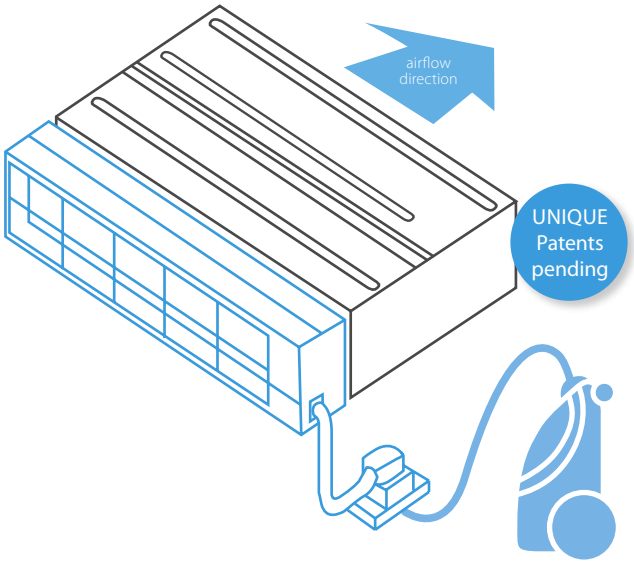
› Ensures optimum airflow at all times eliminating draft or increased sound

Minimal time required for filter cleaning

› Dust can easily be removed with a vacuum cleaner, once the dust box is full
› No more dirty ceilings

Unique technology

› Based on the unique and proven technology used on the Daikin round flow cassette



How does it work?

› Filter cleaning takes place automatically with the timing set via the remote control
› The dust is collected in a dustbox integrated in the unit
› Once full dust can be removed easily via a vaccuum cleaner without opening the unit

Combination table

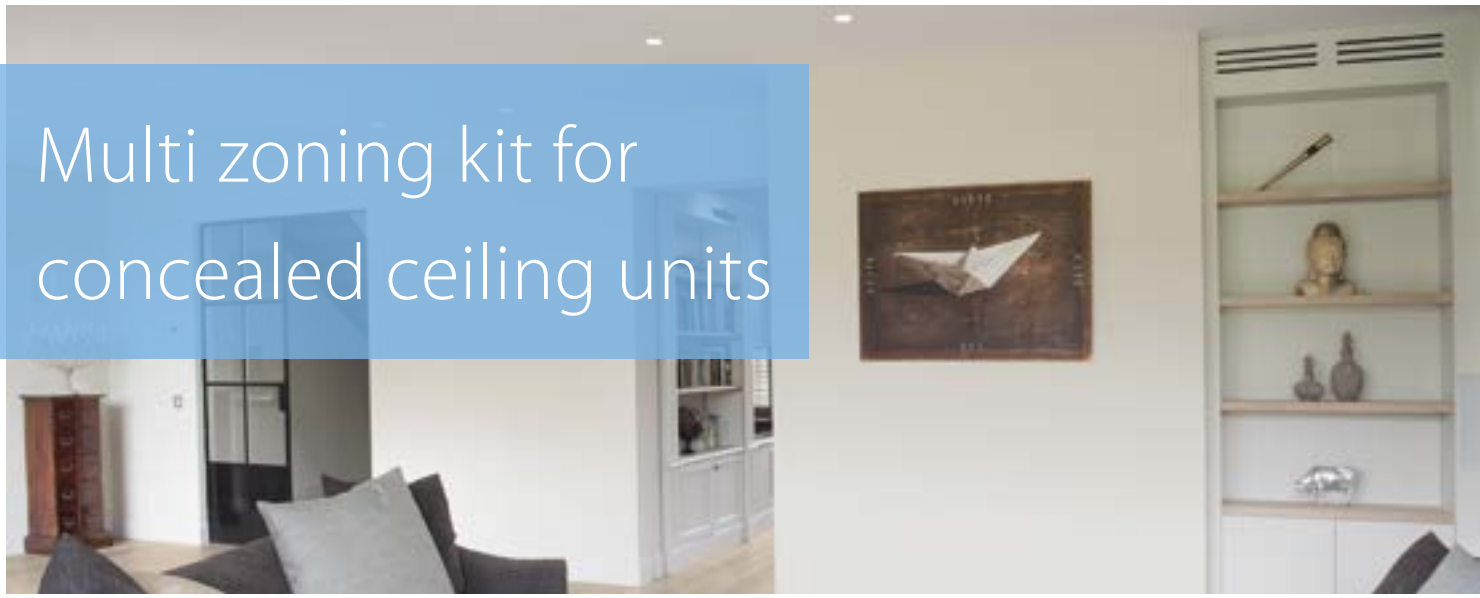
	Split / Sky Air				VRV						
	FDXM-F3				FXDQ-A3						
	25	35	50	60	15	20	25	32	40	50	63
BAE20A62	•	•			•	•	•	•			
BAE20A82									•	•	
BAE20A102			•	•							•

*Note: blue cells combination to be confirmed

Specifications

	BAE20A62	BAE20A82	BAE20A102
Heigth (mm)	212		
Width (mm)	764	964	1164
Width (mm) (incl. hanger bracket)	984	1094	1294
Depth (mm)	201		

Multi zoning kit for concealed ceiling units

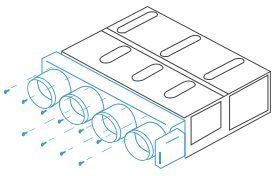


Increase flexiblity: heat or cool multiple rooms with one indoor unit

The zoning kit increases the flexibility of Split, Sky Air and VRV system applications by allowing multiple individually-controlled climate zones to be served by one indoor unit

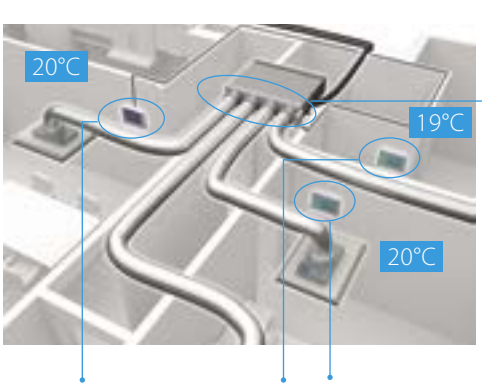
› Increases comfort levels by allowing more individual zone control
  - Up to 8 individual zones can be served thanks to separate modulating dampers
  - Individual thermostat for room-by-room or zone-by-zone control

› Eco-adapt reduces the power consumption thanks to use dynamic setpoint temperatures
› Automatic air flow adjustment according to the demand
› Easy to install, integrates with the Daikin indoor units and system controls
› Promote the all in one package for the multi-zoning
› Time saving as plenum comes fully pre-assembled with dampers, and control boards
› Reduces the amount of refrigerant required in the installation



Plug and play plenum

How does it work?



Zoning box: fully pre-assembled plenum with dampers etc.

Individual zone thermostats

Blueface - Airzone Main Thermostat

› Color graphic interface for controlling zones
› Wired communication

Airzone Zone Thermostat

› Graphic interface with low-energy e-ink screen for controlling zones
› Radio communication

Airzone Zone Thermostat

› Thermostat with buttons for controlling the temperature
› Radio communication

Connectable to: (preliminary)

› FDXM-F3
› FBQ-D
› ADEQ-C
› FXDQ-A3
› FXSQ-A

Ururu Sarara

The best of the best

reddot design award
winner 2013

Why choose Ururu Sarara?

- First R-32 air to air heat pump in the European market at lowest environmental impact thanks to high energy efficiency and use of low GWP refrigerant.
- **Market leader in terms of seasonal efficiency.**
- Advanced technologies have been integrated to create the perfect indoor climate by controlling not only the room temperature but **also air quality and humidity**.

Benefits

› Low energy bill thanks to very high seasonal energy efficiency (A+++ in heating and cooling)
› Perfect indoor comfort thanks to 5 air treatment technologies and 3 area intelligent eye
› Optimal airflow distribution: cools down spaces in a fast, efficient and controllable way.
› Award winning design
› No need to clean filters thanks to self cleaning filter
› New remote control: user friendly with backlight and information on actual energy consumption
› As easy to install as any R-410A unit
› Wide operation range, from -20°C to +43°C
› Online controller: always in control, no matter where you are

Supporting tools

Business portal

› Experience our new extranet that thinks with you at my.daikin.eu
› Find information in seconds via a powerful search
› Customise the options so you see only info relevant for you
› Access via mobile device or desktop

Internet

› Visit the website: www.daikineurope.com/for-your-home/needs/air-conditioning/ururu-sarara/index.jsp

Literature

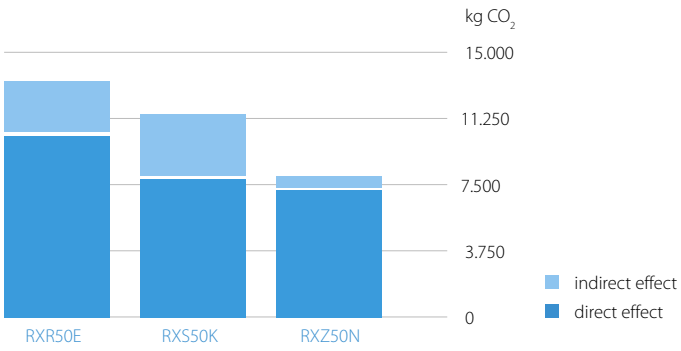
› See all literature available on www.daikineurope.com/support-and-manuals/catalogues

5 air treatment techniques

Perfect indoor climate
› Cooling & heating
› Fresh air (ventilation)
› Ururu Humidification
› Sarara Dehumidification
› Air purification

Lowest environmental impact

› SEER and SCOP A+++
› Low GWP refrigerant R-32 R-32



Perfect comfort thanks to 3 area intelligent eye:

› Air flow is sent to a zone other than where the person is located at that moment. Detection is done in 3 directions: left, front & right.
› If no people are detected, the unit automatically switches over to energy-efficient setting and eventually switches off.

Wall mounted unit

Complete climate control with (de)humidification, air purification & ventilation with top efficiencies in heating & cooling

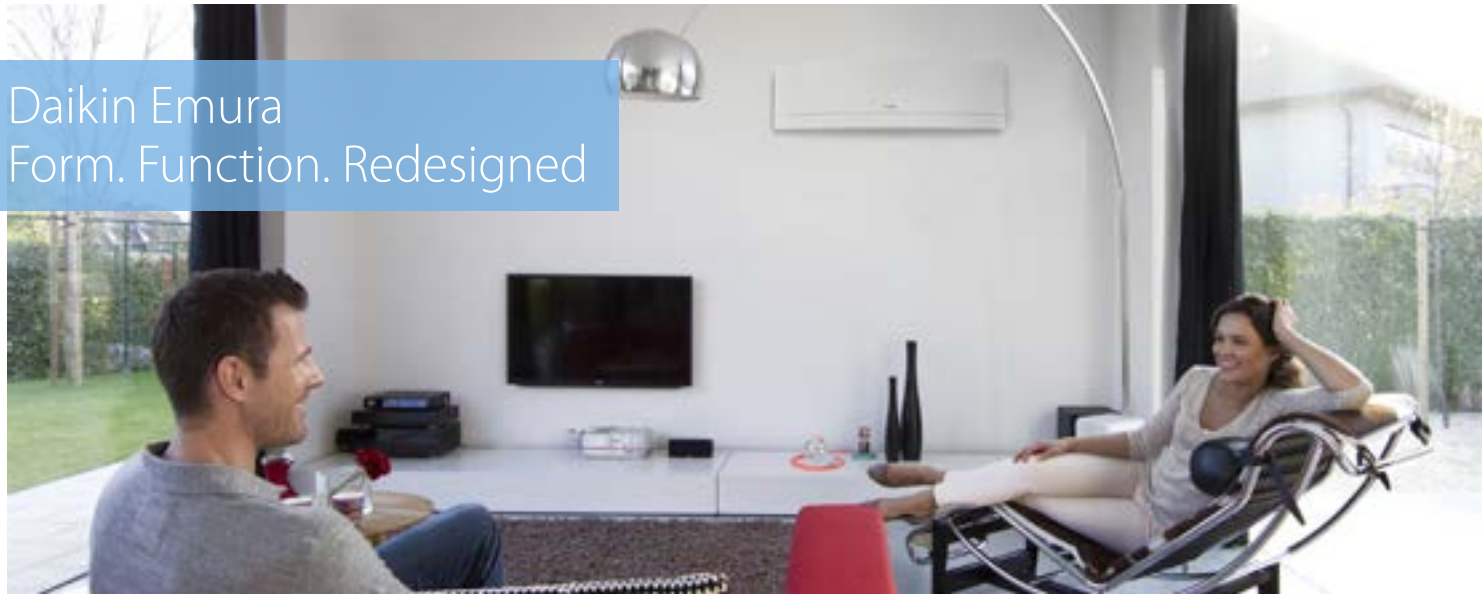
- Unique combination of humidification, dehumidification, ventilation, air purification and heating & cooling in 1 system
- 3 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment. Detection is done in 3 directions: left, front and right. If no people are detected, the unit will automatically switch over to the energy-efficient
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- First R-32 air-to-air heat pump in the European market
- No need to clean filters, thanks to the self cleaning filter
- Seasonal efficiency values: full range A+++ in cooling and heating
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces
- Reddot design award winner 2013

Efficiency data				FTXZ + RXZ	25N + 25N	35N + 35N	50N + 50N
Cooling capacity	Min./Nom./Max.			kW	0.6/2.5/3.9	0.6/3.5/5.3	0.6/5.0/5.8
Heating capacity	Min./Nom./Max.			kW	0.6/3.6/7.5	0.6/5.0/9.0	0.6/6.3/9.4
Power input	Cooling	Min./Nom./Max.		kW	0.11/0.41/0.88	0.11/0.66/1.33	0.11/1.10/1.60
	Heating	Min./Nom./Max.		kW	0.10/0.62/2.01	0.10/1.00/2.53	0.10/1.41/2.64
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A+++		
		Pdesign		kW	2.50	3.50	5.00
		SEER			9.54	9.00	8.60
		Annual energy consumption		kWh	92	136	203
	Heating (Average climate)	Energy label			A+++		
		Pdesign		kW	3.50	4.50	5.60
		SCOP/A			5.90	5.73	5.50
		Annual energy consumption		kWh	831	1,100	1,427
Nominal efficiency	EER				6.10 (1)	5.30 (1)	4.55 (1)
	COP				5.80 (1)	5.00 (1)	4.47 (1)
	Annual energy consumption			kWh	205	330	550
	Energy label	Cooling/Heating			A/A		

Indoor unit				FTXZ	25N	35N	50N
Dimensions	Unit	HeightxWidthxDepth		mm	295x798x372		
Weight	Unit			kg	15		
Air filter	Type				Auto cleaning filter		
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	10.7/5.3/4.0	12.1/5.6/4.0	15.0/6.6/4.6
	Heating	High/Low/Silent operation		m^3/min	11.7/6.7/4.8	13.3/6.9/4.8	14.4/7.7/5.9
Sound power level	Cooling			dBA	54	57	60
	Heating			dBA	56	57	59
Sound pressure level	Cooling	High/Low/Silent operation		dBA	38/26/19	42/27/19	47/30/23
	Heating	High/Low/Silent operation		dBA	39/28/19	42/29/19	44/31/24
Control systems	Infrared remote control				ARC477A1		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				RXZ	25N	35N	50N
Dimensions	Unit	HeightxWidthxDepth		mm	693x795x300		
Weight	Unit			kg	50		
Sound power level	Cooling			dBA	59	61	63
	Heating			dBA	59	61	64
Sound pressure level	Cooling	High		dBA	46	48	49
	Heating	High		dBA	46	48	50
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~43		
	Heating	Ambient	Min.~Max.	°CWB	-20~18		
Refrigerant	Type				R-32		
	Charge			kg	1.34		
				TCO_2eq	0.9		
	GWP				675		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5		
	Piping length	OU - IU	Max.	m	10		
	Level difference	IU - OU	Max.	m	8		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	16		

(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical drawing.



Daikin Emura
Form. Function. Redesigned

Why choose Daikin Emura?

- Unique **design**

  Designed in Europe for Europe.
- High seasonal **efficiency**, further improved by energy saving techniques like weekly timer and intelligent eye
- Optimal **comfort** thanks to advanced technologies e.g. 2-area intelligent eye, whisper quiet operation and online controller

Supporting tools

Business portal

› Experience our new extranet that thinks with you at my.daikin.eu
› Find information in seconds via a powerful search
› Customise the options so you see only info relevant for you
› Access via mobile device or desktop

Internet

› Visit the website: www.daikinemura.eu

Literature

› See all literature available on www.daikineurope.com/support-and-manuals/catalogues

Benefits

› A remarkable blend between iconic design and engineering excellence
› Stylish design in matt crystal white and silver
› The choice between R-32 and R-410A model
› Whisper quiet with sound levels down to 19 dBA
› Horizontal and vertical autoswing
› 2-area intelligent eye saves energy by reducing the set point if nobody is present and directs airflow away from people, thus avoiding cold draught
› Weekly timer
› Guaranteed operation down to -25°C (with RXLG-M)
› Connectable to pair, multi and (mini) VRV
› Online controller: Always in control no matter where you are

Unique design

Daikin is the only manufacturer offering a design model designed in Europe for the European market, using European technical and design standards to meet exactly with the customer's needs. Daikin Europe N.V. is also proud to announce that Daikin Emura has been awarded with several design awards.

Improved energy efficiency

Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season. The label includes multiple classifications from A+++ to G. Daikin Emura achieves high energy efficiencies:

› SEER up to A+++
› SCOP up to A++

Lowest environmental impact

› Possible to choose between an R-32 and R-410A model

R-32 R-410A

Comfort

› 2-Area intelligent eye: Air flow is sent to a zone other than where the person is located at that moment. If no people are detected, the unit will automatically switch over to the energy efficient setting.
› Whisper quiet: Daikin Emura is whisper quiet with sound levels down to 19dBA.

GOOD DESIGN

reddot award 2014 winner

Wall mounted unit

Design at its best, delivering superior efficiency and comfort

- Remarkable blend of iconic design and engineering excellence with a silver coloured elegant finish
- Remarkable blend of iconic design and engineering excellence with an elegant finish in matt crystal white
- Daikin Emura has been awarded many times, thanks to its excellent design
- Silver allergen removal and air purifying filter: captures allergens such as pollen and dust mites. The filter suppresses pollen and mites for 99% or more.
- Online controller: control your indoor from any location with an app, via your local network or internet
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- 2 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting.
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency

- Seasonal efficiency values up to A+++ in cooling and heating
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces

Efficiency data				FTXJ + RXJ	20MW + 20M	20MS + 20M	25MW + 25M	25MS + 25M	35MS + 35M	35MW + 35M	50MW + 50M	50MS + 50M
Cooling capacity	Nom.			kW	2.3		2.4		3.5		4.8	
Heating capacity	Nom.			kW	2.50		3.20		4		5.80	
Power input	Cooling	Nom.		kW	0.50		0.51		0.86		1.43	
	Heating	Nom.		kW	0.50		0.70		0.99		1.59	
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A+++				A++			
		Pdesign		kW	2.30		2.40		3.50		4.80	
		SEER			8.73		8.64		7.19		7.02	
		Annual energy consumption		kWh	92		97		170		239	
	Heating (Average climate)	Energy label			A++						A+	
		Pdesign		kW	2.10		2.70		3.00		4.60	
		SCOP/A			4.61		4.60				4.28	
		Annual energy consumption		kWh	638		822		913		1,505	
Nominal efficiency	EER				4.64		4.73		4.09		3.35	
	COP				5.00		4.57		4.04		3.65	
	Annual energy consumption			kWh	248		254		428		716	
	Energy label				A/A							

Indoor unit				FTXJ	20MW	20MS	25MW	25MS	35MS	35MW	50MW	50MS
Dimensions	Unit	HeightxWidthxDepth		mm	303x998x212							
Weight	Unit			kg	12							
Air filter	Type				Removable / washable / mildew proof							
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	8.9/4.4/2.6				10.9/4.8/2.9		10.9/6.8/3.6	
	Heating	High/Low/Silent operation		m^3/min	10.2/6.3/3.8		11.0/6.3/3.8		12.4/6.9/4.1		12.6/8.1/5.0	
Sound power level	Cooling			dBA	54				59		60	
	Heating			dBA	56				59		60	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	38/25/19				45/26/20		46/35/32	
	Heating	High/Low/Silent operation		dBA	40/28/19		41/28/19		45/29/20		47/35/32	
Control systems	Infrared remote control				ARC466A9							
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240							

Outdoor unit				RXJ	20M	25M	35M	50M
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285			735x825x300
Weight	Unit			kg	34			44
Sound power level	Cooling			dBA	61		63	
	Heating			dBA	62		63	
Sound pressure level	Cooling	High/Silent operation		dBA	46/43		48/45	
	Heating	High/Silent operation		dBA	47/44		48/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type				R-32			
	Charge			kg	0.72			1.30
				TCO_2eq	0.5			0.9
	GWP				675			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.5			12.7
	Piping length	OU - IU	Max.	m	20			30
		System	Chargeless	m	10			
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU	Max.	m	15			20
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	10			15

(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

BLUEVOLUTION

Wall mounted unit

Attractive, wall mounted design with perfect indoor air quality

- Practically inaudible: the unit runs so quietly, you will almost forget it is there.
- Fresher, cleaner air thanks to Daikin's Flash Streamer technology: you can breathe deep with no worries about impure air
- 2 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting.
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Sleek, unobtrusive air conditioning unit that matches European sensibilities regarding interior design
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Seasonal efficiency values up to A+++ in cooling and heating
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces

FTXM20-42M , CTXM-M

RXM20-35M9

ARC466A33

Efficiency data				FTXM + RXM	CTXM15M	20M + 20M9	25M + 25M9	35M + 35M9	42M + 42M9	50M + 50M9	60M + 60M9	71M + 71M
Cooling capacity	Min./Nom./Max.			kW		1.3/2.0/2.6	1.3/2.5/3.2	1.4/3.40/4.0	1.7/4.2/5.0	1.7/5.00/5.3	1.9/6.00/6.7	2.3/7.10/8.5
Heating capacity	Min./Nom./Max.			kW		1.3/2.50/3.5	1.3/2.8/4.70	1.4/4.00/5.2	1.7/5.40/6.0	1.7/5.8/6.5	1.7/7.00/8.0	2.30/8.20/10.20
Power input	Cooling	Min./Nom./Max.		kW		0.27/0.44/0.63	0.27/0.56/0.78	0.31/0.80/1.04	0.43/1.12/1.47	-/1.36/-	0.30/1.77/2.30	0.49/2.12/3.44
	Heating	Min./Nom./Max.		kW		0.24/0.50/0.91	0.24/0.56/1.22	0.32/0.99/1.67	0.38/1.31/1.89	-/1.45/-	0.27/1.94/2.40	0.45/2.25/3.51
Seasonal efficiency (according to EN14825)	Cooling	Energy label				A+++			A++			
		Pdesign		kW		2.00	2.50	3.40	4.20	5.00	6.00	7.10
		SEER			Only available in multi model application	8.53	8.52	8.51	7.50	7.33	6.90	6.11
		Annual energy consumption		kWh		83	103	140	196	239	304	407
	Heating (Average climate)	Energy label				A+++			A++		A+	A
		Pdesign		kW		2.30	2.40	2.50	4.00	4.60		6.20
		SCOP/A				5.10			4.60		4.30	3.81
		Annual energy consumption		kWh		632	659	686	1,216	1,400	1,496	2,276
Nominal efficiency	EER					4.57	4.50	4.23	3.75	3.68	3.39	3.35
	COP					5.00		4.40	4.12	4.00	3.61	3.65
	Annual energy consumption			kWh		219	278	421	560	679	885	1,172
	Energy label	Cooling/Heating				A/A						B/D

Indoor unit				FTXM	CTXM15M	20M	25M	35M	42M	50M	60M	71M
Dimensions	Unit	HeightxWidthxDepth		mm		294x811x272				300x1,040x295		
Weight	Unit			kg		10				14.5		
Air filter	Type					Removable / washable / mildew proof						
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min		11.1/6.0/4.4	11.1/6.2/4.4	12.6/6.4/4.6	12.6/7.1/4.6	16.0/11.1/10.1	17.1/12.0/10.7	17.6/12.5/11.1
	Heating	High/Low/Silent operation		m^3/min		10.4/6.5/5.3	10.4/6.8/5.3	10.4/7.1/5.3	13.0/7.1/5.3	16.7/12.2/10.9	17.7/12.6/11.2	18.4/13.0/11.9
Sound power level	Cooling			dBA		57			60			
	Heating			dBA		54			60	59		61
Sound pressure level	Cooling	High/Low/Silent operation		dBA		41/25/19		45/29/19	45/30/21	46/37/34	46/37/34.000	47/38/35
	Heating	High/Low/Silent operation		dBA		39/26/20	39/27/20	39/28/20	45/29/21	45/36/33		46/37/34
Control systems	Infrared remote control					ARC466A33						
	Wired remote control					BRC073A1				BRC073A1		
Power supply	Phase / Frequency / Voltage			Hz / V		1~ / 50 / 220-240						

Outdoor unit				RXM		20M9	25M9	35M9	42M9	50M9	60M9	71M
Dimensions	Unit	HeightxWidthxDepth		mm		550x765x285			735x825x300			734x870x320
Weight	Unit			kg		32			47	44		56.0
Sound power level	Cooling			dBA		59		61	63			64
	Heating			dBA		59		61	63	62	63	64
Sound pressure level	Cooling	High/Low		dBA		46/-		49/-	48/-	48/44		47/-
	Heating	High/Low		dBA		47/-		49/-	48/-	49/45		48/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46						
	Heating	Ambient	Min.~Max.	°CWB		-15~18						
Refrigerant	Type				Only available in multi model application	R-32						
	Charge			kg		0.76			1.30	1.4	1.45	1.15
				TCO_2eq		0.5			0.9		1.0	0.780
	GWP					675						
Piping connections	Liquid	OD		mm		6.35						
	Gas	OD		mm		9.5			12.7			15.9
	Piping length	OU - IU	Max.	m		20				30		
		System	Chargeless	m		10						
	Additional refrigerant charge			kg/m		0.02 (for piping length exceeding 10m)						
	Level difference	IU - OU	Max.	m		20			12	20		
Power supply	Phase / Frequency / Voltage			Hz / V		1~ / 50 / 220-240						
Current - 50Hz	Maximum fuse amps (MFA)			A		10				15		20

(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter(earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

BLUEVOLUTION

Concealed ceiling unit

Compact concealed ceiling unit, with a height of only 200mm

- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm

- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Medium external static pressure up to 40Pa facilitates unit use with flexible ducts of varying lengths
- Low energy consumption thanks to DC fan motor
- Designed to combine with multi outdoor units only

FDXM25-35F

RXM25-35M9

BRC1E52A-B

Efficiency data				FDXM + RXM	25F3 + 25M9	35F3 + 35M9	50F3 + 50M9	60F3 + 60M9
Cooling capacity	Min./Nom./Max.			kW	1.3/2.4/3.0	1.4/3.4/3.8	1.7/5.0/5.3	1.7/6.0/6.5
Heating capacity	Min./Nom./Max.			kW	1.3/3.2/4.5	1.4/4.0/5.0	1.7/5.8/6.0	1.7/7.0/8.0
Power input	Cooling	Nom.		kW	0.641	1.148	1.650	2.060
	Heating	Nom.		kW	0.800	1.150	1.870	2.180
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+	A	A+	A
		Pdesign		kW	2.40	3.40	5.00	6.00
		SEER			5.63	5.21	5.72	5.51
		Annual energy consumption		kWh	149	228	306	381
	Heating (Average climate)	Energy efficiency class			A+	A		
		Pdesign		kW	2.60	2.90	4.00	4.60
		SCOP/A			4.24	3.88	3.93	3.80
		Annual energy consumption		kWh	858	1,047	1,425	1,693
Nominal efficiency	EER				3.74 (1)	2.96 (1)	3.03 (1)	2.91 (1)
	COP				4.00 (1)	3.48 (1)	3.10 (1)	3.21 (1)
	Annual energy consumption			kWh	321	574	825	1,030
	Energy labeling Directive	Cooling/Heating			A/A	B/A	B/D	C/C

Indoor unit				FDXM	25F3	35F3	50F3	60F3
Dimensions	Unit	HeightxWidthxDepth		mm	200x750x620		200x1,150x620	
Weight	Unit			kg	21		30	
Air filter	Type				Removable / washable / mildew proof			
Fan - Air flow rate	Cooling	High/Low		m^3/min	8.7/7.3		12.0/10.0	16.0/13.5
	Heating	High/Low		m^3/min	8.7/7.3		16.0/13.5	
Fan - External static pressure	Nom.			Pa	30		40	
Sound power level	Cooling			dBA	53		55	56
	Heating			dBA	53		55	56
Sound pressure level	Cooling	High/Low		dBA	35/27		38/30	
	Heating	High/Low		dBA	35/27		38/30	
Control systems	Infrared remote control				BRC4C65			
	Wired remote control				BRC1D52 / BRC1E51A			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230		1~ / 50 / 220-240	

Outdoor unit				RXM	25M9	35M9	50M9	60M9
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285			
Weight	Unit			kg	32		44	
Sound power level	Cooling			dBA	59	61	63	
	Heating			dBA	59	61	62	63
Sound pressure level	Cooling	High/Low		dBA	46/-	49/-	48/44	
	Heating	High/Low		dBA	47/-	49/-	49/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type				R-32			
	Charge			kg	0.76		1.4	1.45
				TCO_2eq	0.5		0.9	1.0
	GWP				675			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.5			
	Piping length	OU - IU	Max.	m	30		30	
		System	Chargeless	m	10			
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU	Max.	m	20		20	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	10		15	

*Note: blue cells contain preliminary data

(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter(earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

Discreet wall mounted unit providing high efficiency and comfort

- Whisper quiet in operation down to 20 dBA
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Discreet, stylish front panel blends easily with the wall, and matches all interior décors
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency

Efficiency data				FTXP + RXP	20K3 + 20K3	25K3 + 25K3	35K3 + 35K3	50K3 + 50K3	60K3 + 60K3	71K3 + 71K3
Cooling capacity	Min./Nom./Max.			kW	2.0	2.5	3.5	5.0	6.0	7.1
Heating capacity	Min./Nom./Max.			kW	2.50	3.00	4.00	6.00	7.00	8.20
Power input	Heating	Min./Nom./Max.		kW	-					
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A++					A+
		Pdesign		kW	2	2.5	3.5	5	6	7.1
		SEER			6,82	6,66	6,61	6,90	6,96	5,60
		Annual energy consumption		kWh	103	132	186	254	302	444
	Heating (Average climate)	Energy label			A++			A+		A
		Pdesign		kW	2.3	2.4	2.5	4.6		6.2
		SCOP/A			4,66	4,61	4,64	4,10		3,81
		Annual energy consumption		kWh	691	729	755	1557	1567	2272
Nominal efficiency	EER				-					
	COP				-					
	Annual energy consumption			kWh	-					

Indoor unit				FTXP	20K3	25K3	35K3	50K3	60K3	71K3
Dimensions	Unit	HeightxWidthxDepth		mm	286x770x225			295x990x263		
Weight	Unit			kg	8			13.5		
Air filter	Type				Removable / washable / mildew proof					
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	9.9/5.8/4.8	10.4/6.1/4.8	11.8/6.3/4.9	16.0/11.1/10.1	17.6/12.2/11.2	
	Heating	High/Low/Silent operation		m^3/min	10.9/6.4/5.2	11.1/6.7/5.2	12.8/6.9/5.2	16.7/12.2/10.9	18.9/13.7/12.1	
Sound power level	Cooling			dBA	55		58	59	60	62
	Heating			dBA	55		58		59	61
Sound pressure level	Cooling	High/Low/Silent operation		dBA	39/25/20	40/26/20	43/27/20	43/34/31	45/36/33	46/37/34
	Heating	High/Low/Silent operation		dBA	39/28/23	40/28/23	43/29/26	42/33/30	44/35/32	45/36/33
Control systems	Infrared remote control				ARC480A11					
	Wired remote control				BRC073A1			BRC073A1		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240					

Outdoor unit				RXP	20K3	25K3	35K3	50K3	60K3	71K3
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285			735x825x300		734x870x320
Weight	Unit			kg	32			44		56.0
Sound power level	Cooling			dBA	59		61			64
	Heating			dBA	59		61	62	63	64
Sound pressure level	Cooling	High/Low		dBA	46/-		49/-	48/44		47/-
	Heating	High/Low		dBA	47/-		49/-	49/45		48/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46					
	Heating	Ambient	Min.~Max.	°CWB	-15~18					
Refrigerant	Type				R-32					
	Charge			kg	0.76			1.4	1.45	1.15
				TCO_2eq	0.5			0.9	1.0	0.780
	GWP				675					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	9.5			12.7		15.9
	Piping length	OU - IU	Max.	m	15			30		
		System	Chargeless	m	10					
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)					
	Level difference	IU - OU	Max.	m	12			20		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240					
Current - 50Hz	Maximum fuse amps (MFA)			A	16			20		-

*Note: blue cells contain preliminary data

(1) EER/COP according to Eurovent 2012, for use outside EU only.
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter(earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Multi model application

- Seasonal efficiency values up to A+++ in cooling and A++ in heating thanks to its up-to-date technology and built-in intelligence
- Up to 5 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency

2MXM40-50M

3/4/5MXM40-90N

CONNECTABLE INDOOR UNITS	Wall mounted															Concealed ceiling			
	CTXM-M	FTXM-M							FTXJ-M				FTXP-K3			FDXM-F3			
	15	20	25	35	42	50	60	71	20	25	35	50	20	25	35	25	35	50	60
2MXM40M2V1B	●	●	●	●					●	●	●		●	●	●	●	●		
2MXM50M2V1B	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	
3MXM40M2V1B	●	●	●	●					●	●	●					●	●		
3MXM52M2V1B	●	●	●	●	●	●			●	●	●	●				●	●	●	
3MXM68M2V1B	●	●	●	●	●	●	●		●	●	●	●				●	●	●	●
4MXM68M2V1B	●	●	●	●	●	●	●		●	●	●	●				●	●	●	●
4MXM80M2V1B	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●
5MXM90M2V1B	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●

*Note: blue cells combination to be confirmed

Outdoor unit					2MXM40M	2MXM50M	3MXM40N	3MXM52N	3MXM68N	4MXM68N	4MXM80N	5MXM90N
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		734x958x340					
Weight	Unit			kg	36	41	57		62	63	67	68
Sound power level	Cooling			dBA	60		59		61			64
	Heating			dBA	62		59		61			64
Sound pressure level	Cooling	Nom.		dBA	48		46		48		49	52
	Heating	Nom.		dBA	50	48	47		48		49	52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46							
	Heating	Ambient	Min.~Max.	°CWB	-15~18							
Refrigerant	Type				R-32							
	Charge			kg	0.88	1.15	1.80		2.00		2.40	
				TCO_2eq	0.6	0.8	1.2		1.4		1.6	
	GWP				675							
Piping connections	Liquid	OD		mm	6,35		6.35					
	Gas	OD		mm	9.5							
	Piping length	OU - IU	Max.	m	20		25					
		System	Chargeless	m	20		-					
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 20m)		0.02 (for piping length exceeding 30m)					
	Level difference	IU - OU	Max.	m	15							
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240							
Current - 50Hz	Maximum fuse amps (MFA)			A	16		30					

Hybrid Multi

thinking ahead for your comfort

The Hybrid Multi combines a multi system with a hybrid heat pump. One port can be used for hot water production, while with the other ports, you can cool your home. The Hybrid Multi is therefore an all-in-one system for cooling, heating and hot water purposes. Easily installed and with the possibility of controlling with an app on your smartphone or tablet, the Hybrid Multi is DAIKIN'S smart solution for your comfort all year long.

Our Bluevolution multi outdoor units not only have the best efficiency but from now on can be used for **hot water production** as well!

› 3, 4 and 5 port multi outdoor units
› Combinable with different split indoor units (Daikin Emura, FTXM, FTXP, FDXM)
› One port can be used for hot water production
› Control with an app thanks to Daikin's online controller

The hybrid heat pump (gas and air) can produce hot water and provide heat for **radiators** and **under floor heating**

› Space heating with radiators and under floor heating: the most economical mode is selected based on energy prices, outdoor temperature and internal heat load
› Domestic hot water: Gas condensing tehchnology for production of hot water

MULTI OUTDOOR UNIT
4MXM-N

WALL MOUNTED INDOOR
UNIT FTXM-M

HYBRID HEAT PUMP, EKHYBH(X)-AV32
/ EHYKOMB-AA2/3

Wall mounted unit

Attractive, wall mounted Siesta unit with perfect indoor air quality

- Seasonal efficiency values up to A+++
- Practically inaudible: the unit runs so quietly, you will almost forget it is there.
- Fresher, cleaner air thanks to Daikin's Flash Streamer technology: you can breathe deep with no worries about impure air
- 2 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting.
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Sleek, unobtrusive air conditioning unit that matches European sensibilities regarding interior design
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency

- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces

Efficiency data				**ATXM + ARXM**		**25M + 25M**	**35M + 35M**	**50M + 50M**
Cooling capacity	Min./Nom./Max.			kW		1.3/2.5/3.2	1.4/3.40/4.0	1.7/5.02/5.3
Heating capacity	Min./Nom./Max.			kW		1.3/2.8/4.7	1.4/4.00/5.2	1.7/5.8/6.5
Power input	Cooling	Min./Nom./Max.		kW		0.28/0.57/0.80	0.32/0.83/1.08	-/1.46/-
	Heating	Min./Nom./Max.		kW		0.24/0.56/1.22	0.32/0.99/1.67	-/1.53/-
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class				A+++		A++
		Pdesign		kW		2.50	3.40	5.00
		SEER				8.50		7.31
		Annual energy consumption		kWh	Only available in multi model application	103	140	239
	Heating (Average climate)	Energy efficiency class				A+++		A++
		Pdesign		kW		2.40	2.50	4.60
		SCOP/A				5.10		4.60
		Annual energy consumption		kWh		659	686	1,400
Nominal efficiency	EER					4.39	4.09	3.45
	COP					5.00	4.04	3.79
	Annual energy consumption			kWh		285	416	728
	Energy labeling Directive	Cooling/Heating				A/A		

Indoor unit				**ATXM**	**20M**	**25M**	**35M**	**50M**
Dimensions	Unit	HeightxWidthxDepth		mm	294x811x272			300x1,040x295
Weight	Unit			kg	10			14.5
Air filter	Type				Removable / washable / mildew proof			
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	11.1/6.0/4.4	11.1/6.2/4.4	12.6/6.4/4.6	16.5/11.6/10.3
	Heating	High/Low/Silent operation		m^3/min	10.4/6.5/5.3	10.4/6.8/5.3	10.4/7.1/5.3	17.1/12.2/10.7
Sound power level	Cooling			dBA	58		60	59
	Heating			dBA	55			58
Sound pressure level	Cooling	High/Low/Silent operation		dBA	41/25/19		45/29/19	44/36/32
	Heating	High/Low/Silent operation		dBA	39/26/20	39/27/20	39/28/20	43/34/31
Control systems	Infrared remote control				ARC466A33			
	Wired remote control				BRC073A1			BRC073A1
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			

Outdoor unit				**ARXM**		**25M**	**35M**	**50M**
Dimensions	Unit	HeightxWidthxDepth		mm	Only available in multi model application	550x765x285		735x825x300
Weight	Unit			kg		32		44
Sound power level	Cooling			dBA		59	61	62
	Heating			dBA		59	61	62
Sound pressure level	Cooling	High/Low		dBA		46/-	49/-	48/44
	Heating	High/Low		dBA		47/-	49/-	49/45
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46		
	Heating	Ambient	Min.~Max.	°CWB		-15~18		
Refrigerant	Type					R-32		
	Charge			kg		0.76		1.4
				TCO_2eq		0.5		0.9
	GWP					675		
Piping connections	Liquid	OD		mm		6.35		
	Gas	OD		mm		9.5		12.7
	Piping length	OU - IU	Max.	m		20		30
		System	Chargeless	m		10		
	Additional refrigerant charge			kg/m		0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m		12		20
Power supply	Phase / Frequency / Voltage			Hz / V		1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A		10		15

(1) EER/COP according to Eurovent 2012, for use outside EU only
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Siesta

Wall mounted unit

Discreet Siesta wall mounted unit providing high efficiency and comfort

- Whisper quiet in operation down to 20 dBA
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Discreet, stylish front panel blends easily with the wall, and matches all interior décors
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Designed to combine with multi outdoor units only

ATXP20-35K3

ARXM25-35M3

ARC480A11

Efficiency data				ATX + ARX	20K3 + 20K3	25K3 + 25K3	35K3 + 35K3
Cooling capacity	Nom.			kW	2.0	2.5	3.5
Heating capacity	Nom.			kW	2.5	3.0	4.0
Power input	Heating	Nom.		kW	0.524	0.688	0.995
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		
		Pdesign		kW	2.00	2.50	3.50
		SEER			6.78	6.57	6.59
		Annual energy consumption		kWh	106	135	191
	Heating (Average climate)	Energy efficiency class			A++		
		Pdesign		kW	2.3	2.4	2.5
		SCOP/A			4.65	4.60	4.62
		Annual energy consumption		kWh	693	731	758
Nominal efficiency	EER				3.97 (1)	3.78 (1)	3.43 (1)
	COP				4.77 (1)	4.36 (1)	4.02 (1)
	Annual energy consumption			kWh	252	331	510
	Energy labeling Directive	Cooling/Heating			A/A		

Indoor unit				ATXP	20K3	25K3	35K3
Dimensions	Unit	HeightxWidthxDepth		mm	286x770x225		
Weight	Unit			kg	8		
Air filter	Type				Removable / washable / mildew proof		
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	9.9/5.8/4.8	10.4/6.1/4.8	11.8/6.3/4.9
	Heating	High/Low/Silent operation		m^3/min	10.9/6.4/5.2	11.1/6.7/5.2	12.8/6.9/5.2
Sound power level	Cooling			dBA	55		58
	Heating			dBA	55		58
Sound pressure level	Cooling	High/Low/Silent operation		dBA	39/25/20	40/26/20	43/27/20
	Heating	High/Low/Silent operation		dBA	39/28/23	40/28/23	43/29/26
Control systems	Infrared remote control				ARC480A11		
	Wired remote control				BRC073A1		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				ARXP	20K3	25K3	35K3
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		
Weight	Unit			kg	32		
Sound power level	Cooling			dBA	59		61
	Heating			dBA	59		61
Sound pressure level	Cooling	High/Low		dBA	46/-		49/-
	Heating	High/Low		dBA	47/-		49/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-32		
	Charge			kg	0.76		
				TCO_2eq	0.5		
	GWP				675		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5		
	Piping length	OU - IU	Max.	m	30		
		System	Chargeless	m	10		
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	20		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	10		

(1) EER/COP according to Eurovent 2012, for use outside EU only
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

*Note: blue cells contain preliminary data

Multi model application

- Seasonal efficiency values up to A+++ in cooling and A++ in heating thanks to its up-to-date technology and built-in intelligence
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Different types of wall mounted indoor units can be connected
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
- Up to 3 indoor units can be connected to 1 siesta multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.

2AMXM40-50M

CONNECTABLE INDOOR UNITS	Wall mounted						
	ATXM-M				ATXP-KV		
	20	25	35	50	20	25	35
2AMXM40M2V1B	●	●	●		●	●	●
2AMXM50M2V1B	●	●	●	●	●	●	●
3AMXM52M2V1B	●	●	●	●			

Outdoor unit					2AMXM40M	2AMX50M	3AMXM52M
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		734x868x320
Weight	Unit			kg	36	41	57
Sound power level	Cooling			dBA	60		59
	Heating			dBA	62		59
Sound pressure level	Cooling	Nom.		dBA	48	46	
	Heating	Nom.		dBA	50	48	47
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-32		
	Charge			kg	0.88	1.15	1.80
				TCO_2eq	0.6	0.8	1.2
	GWP				675		
Piping connections	Liquid	OD		mm	6,35		
	Gas	OD		mm	9.5		
	Piping length	OU - IU	Max.	m	20		25
		System	Chargeless	m	20		30
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 20m)		0.02 (for piping length exceeding 30m)
	Level difference	IU - OU	Max.	m	15		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	16		30

(1) Contains fluorinated greenhouse gases

Wall mounted unit

Design at its best, delivering superior efficiency and comfort

- Remarkable blend of iconic design and engineering excellence with a silver coloured or matt crystal white elegant finish
- Daikin Emura has been awarded many times, thanks to its excellent design
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- 2 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting.
- Seasonal efficiency values up to A+++ in cooling and A++ in heating

- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces

Efficiency data				FTXG + RXG	20LW + 20L	20LS + 20L	25LW + 25L	25LS + 25L	35LW + 35L	35LS + 35L	50LW + 50L	50LS + 50L
Cooling capacity	Min./Max.			kW	1.3/2.8		1.3/3.0		1.4/3.8		1.7/5.3	
Heating capacity	Min./Max.			kW	1.3/4.3		1.3/4.5		1.4/5.0		1.7/6.5	
Power input	Cooling	Min./Nom./Max.		kW	0.320/0.501/0.760		0.320/0.523/0.820		0.350/0.882/1.190		0.370/1.360/1.880	
	Heating	Min./Nom./Max.		kW	0.310/0.500/1.120		0.310/0.769/1.320		0.320/0.985/1.490		0.310/1.589/2.490	
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A+++				A++			
		Pdesign		kW	2.30		2.40		3.50		4.80	
		SEER			8.52		8.50		7.00		6.70	
		Annual energy consumption		kWh	94		99		175		251	
	Heating (Average climate)	Energy label			A++						A+	
		Pdesign		kW	2.10		2.70		3.00		4.60	
		SCOP/A			4.60						4.24	
		Annual energy consumption		kWh	639		821		913		1,519	
Nominal efficiency	EER				4.59 (1)				3.97 (1)		3.53 (1)	
	COP				5.00 (1)		4.42 (1)		4.06 (1)		3.65 (1)	
	Annual energy consumption			kWh	250.5		261.5		441		680	
	Energy label	Cooling/Heating			A/A							

Indoor unit				FTXG	20LW	20LS	25LW	25LS	35LW	35LS	50LW	50LS
Dimensions	Unit	HeightxWidthxDepth		mm	303x998x212							
Weight	Unit			kg	12							
Air filter	Type				Removable / washable / mildew proof							
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	8.9/4.4/2.6				10.9/4.8/2.9		10.9/6.8/3.6	
	Heating	High/Low/Silent operation		m^3/min	10.2/6.3/3.8		11.0/6.3/3.8		12.4/6.9/4.1		12.6/8.1/5.0	
Sound power level	Cooling			dBA	54				59		60	
	Heating			dBA	56				59		60	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	38/25/19				45/26/20		46/35/25	
	Heating	High/Low/Silent operation		dBA	40/28/19		41/28/19		45/29/20		47/35/25	
Control systems	Infrared remote control				ARC466A1							
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240							

Outdoor unit				RXG	20L	25L	35L	50L
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285			735x825x300
Weight	Unit			kg	35			48
Sound power level	Cooling			dBA	61		63	
	Heating			dBA	62		63	
Sound pressure level	Cooling	High/Silent operation		dBA	46/43		48/44	
	Heating	High/Silent operation		dBA	47/44		48/45	48/44
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10 ~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type				R-410A			
	Charge			kg	1.05			1.6
				TCO_2eq	2.2			3.3
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.5			12.7
	Piping length	OU - IU	Max.	m	20			30
		System	Chargeless	m	10			
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU	Max.	m	15			20
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	16			20

(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

Discreet, modern design for optimal efficiency and comfort thanks to 2 area intelligent eye

- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- Ideal for installation in bedrooms (smaller capacity range) and larger or irregularly shaped living areas (larger capacity range)
- 2-area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting. (larger capacity area)
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces (larger capacity area)

C/FTXS-K

RXS20-42L(3)

ARC466A6

Efficiency data				FTXS + RXS		20K + 20L3	25K + 25L3	35K + 35L3	42K + 42L	50K + 50L	60G + 60L	71G + 71F8
Cooling capacity	Min./Nom./Max.			kW	Only available in multi model application	-/2.00/-	-/2.5/-	1.4/3.5/4.0	1.7/4.20/5.0	1.7/5.00/5.3	1.7/6.0/6.7	2.3/7.10/8.5
Heating capacity	Min./Nom./Max.			kW		1.3/2.5/4.3	1.3/2.8/4.7	1.4/4.00/5.2	1.7/5.40/6.0	1.7/5.80/6.5	1.7/7.0/8.0	2.3/8.20/10.2
Power input	Cooling	Min./Nom./Max.		kW		0.320/0.455 /0.760	0.320/0.593 /1.000	0.350/0.860 /1.190	0.320/1.253 /2.330	0.350/1.506 /1.810	0.440/1.990 /2.400	0.570/2.350 /3.200
	Heating	Min./Nom./Max.		kW		0.310/0.530 /1.120	0.310/0.600 /1.410	0.340/0.840 /1.460	0.400/1.310 /1.980	0.300/1.450 /2.000	0.400/2.040 /2.810	0.520/2.550 /3.820
Seasonal efficiency (according to EN14825)	Cooling	Energy label				A++					A	
		Pdesign		kW		2.00	2.50	3.50	4.20	5.00	6.00	7.10
		SEER				7.40	7.90	7.47	6.80		5.58	5.28
		Annual energy consumption		kWh		95	111	164	216	257	376	471
	Heating (Average climate)	Energy label				A++			A+		A	
		Pdesign		kW		2.30	2.50	3.60	4.00	4.60	4.80	6.20
		SCOP/A				4.77	4.78	4.85	4.20		3.89	3.81
		Annual energy consumption		kWh		675	732	1,039	1,334	1,535	1,728	2,276
Nominal efficiency	EER					4.39 (1)	4.21 (1)	3.89 (1)	3.35 (1)	3.32 (1)	3.02 (1)	
	COP					4.72 (1)	4.67 (1)	4.76 (1)	4.12 (1)	4.00 (1)	3.43 (1)	3.22 (1)
	Annual energy consumption			kWh		228	297	450	627	753	995 (1)	1,175 (1)
	Energy label	Cooling/Heating				A/A					B/B	B/C

Indoor unit			FTXS	CTXS15K	CTXS35K	20K	25K	35K	42K	50K	60G	71G
Dimensions	Unit	HeightxWidthxDepth	mm	289x780x215				298x900x215			290x1,050x250	
Weight	Unit		kg	8				11			12	
Air filter	Type			Removable / washable / mildew proof								
Fan - Air flow rate	Cooling	High/Low/Silent operation	m^3/min	7.9/4.7/3.9	9.2/5.2/3.9	8.8/4.7/3.9	9.1/5.0/3.9	11.2/5.8/4.1	11.2/7.0/4.1	11.9/7.4/4.5	16.0/11.3/10.1	17.2/11.5/10.5
	Heating	High/Low/Silent operation	m^3/min	9.0/6.0/4.3	10.1/6.3/4.3	9.5/6.0/4.3	10.0/6.0/4.3	12.1/6.5/4.2	12.4/7.8/5.2	13.3/8.4/5.5	17.2/12.6/11.3	19.5/14.2/12.6
Sound power level	Cooling		dBA	55	59	58		59		60		63
	Heating		dBA	56	58			59		60	59	62
Sound pressure level	Cooling	High/Low/Silent operation	dBA	37/25/21	42/28/21	40/24/19	41/25/19	45/29/19	45/33/21	46/34/23	45/36/33	46/37/34
	Heating	High/Low/Silent operation	dBA	38/28/21	41/30/21	40/27/19	41/27/19	45/29/19	45/33/22	47/34/24	44/35/32	46/37/34
Control systems	Infrared remote control			ARC466A6				ARC466A9			ARC452A3	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240								

Outdoor unit				RXS		20L3	25L3	35L3	42L	50L	60L	71F8
Dimensions	Unit	HeightxWidthxDepth		mm	Only available in multi model application	550x765x285				735x825x300		770x900x320
Weight	Unit			kg		34			39	47	48	71
Sound power level	Cooling			dBA		59		61		62		65
	Heating			dBA		58	59	61		62		66
Sound pressure level	Cooling	High/Low/Silent operation		dBA		46/-/43		48/-/44		48/44/-	49/46/-	52/-/49
	Heating	High/Low/Silent operation		dBA		47/-/44		48/-/45		48/45/-	49/46/-	52/-/49
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46						
	Heating	Ambient	Min.~Max.	°CWB		-15~18						
Refrigerant	Type					R-410A						
	Charge			kg		1.0		1.2	1.3	1.7	1.5	2.3
				TCO_2eq		2.1		2.5	2.7	3.5	3.1	4.8
	GWP					2,087.5						
Piping connections	Liquid	OD		mm		6.35						
	Gas	OD		mm		9.5			12.7			15.9
	Piping length	OU - IU	Max.	m		20			-	30		
		System	Chargeless	m		10			-			10
	Additional refrigerant charge			kg/m		0.02 (for piping length exceeding 10m)						
	Level difference	IU - OU	Max.	m		15			-	20.0		
Power supply	Phase / Frequency / Voltage			Hz / V		1~ / 50 / 220-240				1~ / 50 / 220-230-240		1~ / 50 / 220-240
Current - 50Hz	Maximum fuse amps (MFA)			A		10	-					

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) When connected with multi-system outdoor unit, refer to the specifications of the multi outdoor unit to be connected. (3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

Discreet wall mounted unit providing high efficiency and comfort

- Whisper quiet in operation down to 20 dBA
- Online controller: control your indoor from any location with an app, via your local network or internet
- Discreet, stylish front panel blends easily with the wall, and matches all interior décors
- Seasonal efficiency values up to A++ in cooling and heating

Efficiency data				**FTX + RX**	**20KV + 20K**	**25KN + 25KM**	**35KN + 35KM**	**50KV + 50K**	**60KV + 60K**	**71KV + 71K**
Cooling capacity	Nom.			kW	2.0	2.5	3.5	5.0	6.0	7.1
Heating capacity	Nom.			kW	2.50	2.8	3.3	6.00	7.00	8.20
Power input	Heating	Nom.		kW	0.52	0.698	0.943	1.579	1.928	2.57
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A++	A+		A++		A
		Pdesign		kW	2.00	2.50	3.30	5.00	6.00	7.10
		SEER			6.66	5.93	6.02	6.59	6.76	5.25
		Annual energy consumption		kWh	105	148	192	266	311	473
	Heating (Average climate)	Energy label			A++	A+		A+		A
		Pdesign		kW	2.20	2.40	2.80	4.60	4.80	6.20
		SCOP/A			4.65	4.01	4.04	4.10		3.81
		Annual energy consumption		kWh	662	838	970	1,570	1,640	2,277
Nominal efficiency	EER				3.98	3.54	3.21	3.58	3.65	2.61
	COP				4.77	4.01	3.71	3.80	3.63	3.19
	Annual energy consumption			kWh	251	353	514	698	822	1,360
	Energy label	Cooling/Heating			-	-		-		

Indoor unit				**FTX**	**20KV**	**25KN**	**35KN**	**50KV**	**60KV**	**71KV**
Dimensions	Unit	HeightxWidthxDepth		mm	286x770x225	285x770x225		295x990x263		
Weight	Unit			kg	8	8.5	9	13.5		
Air filter	Type				Removable / washable / mildew proof	Removable / washable / mildew proof		Removable / washable / mildew proof		
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	9.9/5.8/4.8	10.4/6.1/4.8	11.8/6.3/4.9	16.0/11.1/10.1	17.6/12.2/11.2	
	Heating	High/Low/Silent operation		m^3/min	10.9/6.4/5.2	11.1/6.7/6.1	12.8/6.9/6.4	16.7/12.2/10.9	18.9/13.7/12.1	
Sound power level	Cooling			dBA	55	55		59	60	62
	Heating			dBA	55	55	56	58	59	61
Sound pressure level	Cooling	High/Low/Silent operation		dBA	39/25/20	40/26/20	43/27/20	43/34/31	45/36/33	46/37/34
	Heating	High/Low/Silent operation		dBA	39/28/23	40/28/25	43/29/26	42/33/30	44/35/32	45/36/33
Control systems	Infrared remote control				ARC480A11	ARC470A1		ARC480A11		
	Wired remote control				BRC073A1	BRC944B2 / BRC073A1		BRC073A1		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240					

Outdoor unit				**RX**	**20K**	**25KM**	**35KM**	**50K**	**60K**	**71K**
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x275	550x675x284		735x870x320		
Weight	Unit			kg	28	24	28	44	49	
Sound power level	Cooling			dBA	60		62	61	63	66
	Heating			dBA	61		63	62	63	66
Sound pressure level	Cooling	High		dBA	46		48	47	49	52
	Heating	High		dBA	47		48	48	49	52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	10~46		-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18					
Refrigerant	Type				R-410A					
	Charge			kg	0.74	0.70	0.94	1.13	1.45	
				TCO_2eq	1.5		2.1	2.4	3.0	
	GWP				2,087.5					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	9.5			12.7		
	Piping length	OU - IU	Max.	m	15			30		
		System	Chargeless	m	10			10		-
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)					
	Level difference	IU - OU	Max.	m	12			20		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240					
Current - 50Hz	Maximum fuse amps (MFA)			A	16			20.0		-

*Note: blue cells combination to be confirmed

(1) EER/COP according to Eurovent 2012, for outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical drawing.

Wall mounted unit

Wall mounted unit providing high efficiency and comfort

- Movement sensor saves power consumption in unoccupied rooms: when the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.
- Whisper quiet in operation down to 23 dBA
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- The unit's compact dimensions makes it ideal for renovation projects, especially for above door installation
- Seasonal efficiency values up to A++ in cooling and A+ in heating

FTX20-35J3

RX20-35K

ARC433A8

Efficiency data				**FTX + RX**	**20J3 + 20K**	**25J3 + 25K**	**35J3 + 35K**	**50GV + 50GV**	**60GV + 60GVB**
Cooling capacity	Min./Nom./Max.			kW	1.3/2.0/2.6	1.3/2.5/3.0	1.3/3.3/3.8	1.7/5.0/6.0	1.7/6.0/6.7
Heating capacity	Min./Nom./Max.			kW	1.3/2.5/3.5	1.3/2.8/4.0	1.3/3.5/4.8	1.7/5.8/7.7	1.7/7.0/8.0
Power input	Cooling	Min./Nom./Max.		kW	0.310/0.490/0.720	0.310/0.700/1.050	0.290/1.030/1.300	0.440/1.550/2.080	0.440/1.990/2.400
	Heating	Min./Nom./Max.		kW	0.250/0.590/0.950	0.250/0.690/1.110	0.290/0.930/1.290	0.400/1.600/2.530	0.400/2.040/2.810
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A++			A+	A
		Pdesign		kW	2.00	2.50	3.30	5.00	6.00
		SEER			6.11	6.15		5.63	5.37
		Annual energy consumption		kWh	115	143	188	311	391
	Heating (Average climate)	Energy label			A+				A
		Pdesign		kW	2.20	2.40	2.80	4.60	4.80
		SCOP/A			4.34	4.16	4.14	4.08	3.88
		Annual energy consumption		kWh	710	808	947	1,578	1,730
Nominal efficiency	EER				4.09 (1)	3.55 (1)	3.21 (1)	3.23	3.02 (1)
	COP				4.24 (1)	4.06 (1)	3.76 (1)	3.63	3.43 (1)
	Annual energy consumption			kWh	244	352	514	775	995
	Energy label	Cooling/Heating			A/A				B/B

Indoor unit				**FTX**	**20J3**	**25J3**	**35J3**	**50GV**	**60GV**
Dimensions	Unit	HeightxWidthxDepth		mm	283x770x198			290x1,050x238	
Weight	Unit			kg	7			12	
Air filter	Type				Removable / washable / mildew proof				
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	9.1/5.9/4.7	9.2/6.0/4.8	9.3/6.1/4.9	14.7/10.3/9.5	16.2/11.4/10.2
	Heating	High/Low/Silent operation		m^3/min	9.4/6.3/5.5	9.7/6.3/5.5	10.1/6.7/5.7	16.1/11.5/10.2	17.4/12.7/11.4
Sound power level	Cooling			dBA	55		58	59	60
	Heating			dBA	55		58		59
Sound pressure level	Cooling	High/Low/Silent operation		dBA	39/25/22	40/26/22	41/27/23	43/34/31	45/36/33
	Heating	High/Low/Silent operation		dBA	39/28/25	40/28/25	41/29/26	42/33/30	44/35/32
Control systems	Infrared remote control				ARC433A87			ARC433B70	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				

Outdoor unit				**RX**	**20K**	**25K**	**35K**	**50GV**	**60GVB**
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x275			735x825x300	
Weight	Unit			kg	28			48	47
Sound power level	Cooling			dBA	60		62	63	62
	Heating			dBA	61		62	64	62
Sound pressure level	Cooling	High/Low		dBA	46/-		48/-	47/44	49/46
	Heating	High/Low		dBA	47/-		48/-	48/45	49/46
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46				
	Heating	Ambient	Min.~Max.	°CWB	-15~18				
Refrigerant	Type				R-410A				
	Charge			kg	0.74		1.0	1.5	
				TCO_2eq	1.5		2.1	3.1	
	GWP				2,087.5				
Piping connections	Liquid	OD		mm	6.35				
	Gas	OD		mm	9.5			12.7	
	Piping length	OU - IU	Max.	m	15			30	
		System	Chargeless	m	10				
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)				
	Level difference	IU - OU	Max.	m	12			20	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				
Current - 50Hz	Maximum fuse amps (MFA)			A	16			20	-

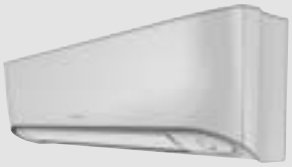
(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

Stylish wall mounted unit for low energy consumption and pleasant comfort

- Stylish, modern casing in white
- Stylish, modern casing in silver
- Whisper quiet in operation down to 21 dBA
- Seasonal efficiency values: A+ in cooling and heating

FTXK-AW



FTXK-AS

RXK25-35A

ARC52B61

Efficiency data			FTXK + RXK	25AW + 25A	25AS + 25A	35AW + 35A	35AS + 35A	50AW + 50A	50AS + 50A	60AW + 60A	60AS + 60A
Cooling capacity	Min./Nom./Max.		kW	1.300/2.500/3.000		1.300/3.500/3.800		1.630/5.480/6.200		1.750/6.230/6.500	
Heating capacity	Min./Nom./Max.		kW	1.300/3.300/4.000		1.300/3.600/4.750		1.170/5.620/6.600		1.200/6.400/8.000	
Power input	Cooling	Min./Nom./Max.	kW	0.280/0.731/0.990		0.290/1.075/1.390		0.290/1.700/2.000		0.280/1.931/2.000	
	Heating	Min./Nom./Max.	kW	0.260/0.900/1.100		0.285/0.957/1.480		0.260/1.550/2.510		0.240/1.680/2.000	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A+							
		Pdesign	kW	2.50		3.50		5.48		6.23	
		SEER		5.66		5.86		5.93		6.09	
		Annual energy consumption	kWh	155		209		324		359	
	Heating (Average climate)	Energy efficiency class		A+							
		Pdesign	kW	2.40		2.80		3.37		3.80	
		SCOP/A		4.24		4.16		4.01		4.06	
		Annual energy consumption	kWh	792		945		1,177		1,310	
Nominal efficiency	EER			3.42 (1)		3.26 (1)		3.22 (1)		3.23 (1)	
	COP			3.67 (1)		3.76 (1)		3.63 (1)		3.81 (1)	
	Annual energy consumption		kWh	365		537		851		964	
	Energy labeling Directive	Cooling/Heating		A/A							

Indoor unit			FTXK	25AW	25AS	35AW	35AS	50AW	50AS	60AW	60AS
Dimensions	Unit	HeightxWidthxDepth	mm	297x890x210				320x1,172x242			
Weight	Unit		kg	9.0				14.0			
Air filter	Type			Saranet							
Fan - Air flow rate	Cooling	Super high/High/ Low/Silent operation	m^3/min	10.68/9.78/6.06/4.68		11.10/10.14/6.54/4.68		16.38/15.00/11.82/10.62		19.92/18.54/14.34/12.36	
	Heating	Super high/High/ Low/Silent operation	m^3/min	10.68/9.78/6.06/4.68		11.10/10.14/6.54/4.68		16.38/15.00/11.82/10.62		19.92/18.54/14.34/12.36	
Sound power level	Cooling		dBA	53		54		55		61	
	Heating		dBA	53		54		55		61	
Sound pressure level	Cooling	Super high/High/ Low/Silent operation	dBA	41/40/29/21		42/41/30/22		44/40/35/32		46/43/37/33	
	Heating	Super high/High/ Low/Silent operation	dBA	41/40/29/21		42/41/30/22		44/40/35/32		46/43/37/33	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240							

Outdoor unit				RXK	25A	35A	50A	60A
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x289		628x855x328	753x855x328
Weight	Unit			kg	24	26	37	44
Sound power level	Cooling			dBA	58	60	64	65
	Heating			dBA	58	60	64	65
Sound pressure level	Cooling	Nom.		dBA	45	46	51	
	Heating	Nom.		dBA	45	46	51	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46		-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type				R-410A			
	Charge			kg	0.74	1.00	1.25	1.45
				TCO_2eq	1.5	2.1	2.6	3.0
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.52		12.70	15.90
	Piping length	OU - IU	Max.	m	20		30	
		System	Chargeless	m	7.5			
	Level difference	IU - OU	Max.	m	-			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing

Wall mounted unit

Wall mounted unit for low energy consumption and pleasant comfort

› Flat, stylish front panel blends easily within any interior décor and is easier to clean
› Whisper quiet in operation down to 21 dBA
› Seasonal efficiency values: A+ in cooling and heating

FTXB25-35B

RXB50-60C

ARC470A1 (20-25-35)

Efficiency data				FTXB + RXB	20C + 20C	25C + 25C	35C + 35C	50C + 50C	60C + 60C
Cooling capacity	Min./Nom./Max.			kW	1.3/2.0/2.6	1.3/2.5/3.0	1.3/3.3/3.8	1.630/5.480/6.200	1.750/6.230/6.500
Heating capacity	Min./Nom./Max.			kW	1.3/2.5/3.5	1.3/2.8/4.0	1.3/3.5/4.8	1.170/5.620/6.600	1.200/6.400/7.100
Power input	Cooling	Min./Nom./Max.		kW	0.310/0.510/0.720	0.310/0.770/1.050	0.290/1.030/1.300	0.280/1.700/1.910	0.280/1.931/2.000
	Heating	Min./Nom./Max.		kW	0.250/0.600/0.950	0.250/0.700/1.110	0.290/0.940/1.290	0.240/1.500/1.880	0.240/1.680/2.000
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A+				
		Pdesign		kW	2.00	2.50	3.30	5.48	6.23
		SEER			5.98	6.02	6.05	5.93	6.09
		Annual energy consumption		kWh	117	145	191	324	359
	Heating (Average climate)	Energy label			A+				
		Pdesign		kW	2.20	2.40	2.80	3.64	3.80
		SCOP/A			4.10	4.01	4.06	4.27	4.06
		Annual energy consumption		kWh	751	838	966	1,195	1,311
Nominal efficiency	EER				3.94 (1)	3.25 (1)	3.21 (1)	3.22 (1)	3.23 (1)
	COP				4.19 (1)	4.01 (1)	3.71 (1)	3.75 (1)	3.81 (1)
	Annual energy consumption			kWh	254	385	514	851	964
	Energy label	Cooling/Heating			A/A				

Indoor unit				FTXB	20C	25C	35C	50C	60C
Dimensions	Unit	HeightxWidthxDepth		mm	283x770x216			310x1,065x224	
Weight	Unit			kg	8			14	
Air filter	Type				Removable / washable / mildew proof			Saranet	
Fan - Air flow rate	Cooling	Super high/High/ Low/Silent operation		m^3/min	-/9.1/5.9/4.7	-/9.2/6.0/4.8	-/9.3/6.1/4.9	16.38/15.00/11.82/10.62	19.92/18.5/14.34/12.36
	Heating	Super high/High/ Low/Silent operation		m^3/min	-/9.4/6.3/5.5	-/9.7/6.3/5.5	-/10.1/6.7/5.7	16.38/15.00/11.82/10.62	19.92/18.54/14.3/12.36
Sound power level	Cooling			dBA	55		58	55	61
	Heating			dBA	55		58	-	
Sound pressure level	Cooling	Super high/High/ Low/Silent operation		dBA	-/39/25/21	-/40/26/21	-/41/27/23	44/40/35/32	46/43/37/33
	Heating	Super high/High/ Low/Silent operation		dBA	-/39/28/25	-/40/28/25	-/41/29/26	44/40/35/32	46/43/37/33
Control systems	Infrared remote control				ARC470A1			AP GS02	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				

Outdoor unit				RXB	25C	20C	35C	50C	60C
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x275			753x855x328	
Weight	Unit			kg	28		30	44	
Sound power level	Cooling			dBA	60		62	64	65
	Heating			dBA	61		62	-	
Sound pressure level	Cooling	High/Nom.		dBA	46/-		48/-	-/51	
	Heating	High/Nom.		dBA	47/-		48/-	-/51	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46				
	Heating	Ambient	Min.~Max.	°CWB	-15~18				
Refrigerant	Type				R-410A				
	Charge			kg	0.74		1.0	1.45	
				TCO_2eq	1.5		2.1	3.0	
	GWP				2,087.5				
Piping connections	Liquid	OD		mm	6.35				
	Gas	OD		mm	9.5			12.70	15.90
	Piping length	OU - IU	Max.	m	-			30	
		System	Chargeless	m	-			7.5	
	Level difference	IU - OU	Max.	m	-				
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				
Current - 50Hz	Maximum fuse amps (MFA)			A	16			-	

(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

The best of two worlds united

Pure comfort and design

Why choose Nexura?

- Unique radiant heat panel that heats up just like a traditional radiator
- Whisper quiet operation down to 19 dBA
- Unobtrusive yet stylish design
- Reduced air flow, creating an even distribution of air through the room

Comfort is key

Nexura makes your world a comfortable one. The coolness of a summer breeze or the cosiness of an extra heat source brings a feeling of well-being to your living space all year round. Its unobtrusive yet stylish design with a front panel that radiates additional heat, its low noise level and reduced air flow turn your room into a haven.

Radiant heat panel

To add even more comfort on cold days, the aluminium front panel of the Nexura unit has the capability of warming up, just like a traditional radiator. The result? A comfortable feeling of warm air that envelopes you. And all you have to do to activate this unique feature is push the "radiant" button on your remote control.

Benefits

› Vertical autoswing
› Weekly timer
› Guaranteed operation down to -25°C (with RXLG-M)

Online controller

Always in control, no matter where you are. Control your indoor from any location with an app, via your local network or internet.

Supporting tools

Business portal

› Experience our new extranet that thinks with you at my.daikin.eu
› Find information in seconds via a powerful search
› Customise the options so you see only info relevant for you
› Access via mobile device or desktop

Internet

› Visit the website: www.daikineurope.com/minisite/nexura

Literature

› See all the literature available on www.daikineurope.com/support-and-manuals/catalogues

Floor standing unit with radiant heat panel

Stylish floor standing unit with radiant heat panel for comfortable heat and very low noise

- The aluminium part of the front panel of the Nexura indoor unit has the capability of warming up, just like a traditional radiator, to add even more comfort on cold days
- The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- Can be installed against a wall or recessed
- Its low height enables the unit to fit perfectly beneath a window
- Online controller: control your indoor from any location with an app, via your local network or internet
- Seasonal efficiency values up to A++ in cooling and heating

FVXG-K

RXG20-25-35L

ARC466A2

Efficiency data				FVXG + RXG	25K + 25L	35K + 35L	50K + 50L
Cooling capacity	Min./Nom./Max.			kW	1.3/2.5/3.0	1.4/3.5/3.8	1.7/5.0/5.6
Heating capacity	Min./Nom./Max.			kW	1.3/3.4/4.5	1.4/4.5/5.0	1.7/5.8/8.1
Power input	Cooling	Min./Nom./Max.		kW	0.30/0.54/0.79	0.31/0.94/1.15	0.45/1.51/2.00
	Heating	Min./Nom./Max.		kW	0.29/0.77/1.27	0.29/1.21/1.46	0.50/1.57/2.66
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A++		A
		Pdesign		kW	2.50	3.50	5.00
		SEER			6.53	6.48	5.41
		Annual energy consumption		kWh	134	189	324
	Heating (Average climate)	Energy label			A++	A+	
		Pdesign		kW	2.80	3.10	4.60
		SCOP/A			4.65	4.00	4.18
		Annual energy consumption		kWh	842	1,087	1,543
Nominal efficiency	EER				4.63	3.72	3.31
	COP				4.42	3.75	3.69
	Annual energy consumption			kWh	270	470	755
	Energy label	Cooling/Heating			A/A		

Indoor unit				FVXG	25K	35K	50K
Dimensions	Unit	HeightxWidthxDepth		mm	600x950x215		
Weight	Unit			kg	22		
Air filter	Type				Removable / washable / mildew proof		
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	8.9/5.3/4.5	9.1/5.3/4.5	10.6/7.3/6.0
	Heating	High/Low/Silent operation		m^3/min	9.9/5.7/4.7	10.2/5.8/5.0	12.2/7.8/6.8
Sound power level	Cooling			dBA	52		58
	Heating			dBA	53		60
Sound pressure level	Cooling	High/Low/Silent operation		dBA	38/26/23	39/27/24	44/36/32
	Heating	High/Low/Silent operation/Radiant heat		dBA	39/26/22/19	40/27/23/19	46/34/30/26
Control systems	Infrared remote control				ARC466A2		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				RXG	25L	35L	50L
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x825x300
Weight	Unit			kg	35		48
Sound power level	Cooling			dBA	61	63	
	Heating			dBA	62	63	
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44	
	Heating	High/Silent operation		dBA	47/44	48/45	48/44
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10 ~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
	Charge			kg	1.05		1.6
				TCO_2eq	2.2		3.3
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5		12.7
	Piping length	OU - IU	Max.	m	20		30
		System	Chargeless	m	10		
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	15		20
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	16		20

(1) EER/COP according to Eurovent 2012, for use outside EU only
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical drawing.
(3) Operation range in combination with Nexura, FVXG-K, cooling: min. 10°CDB - max. 46°CDB; heating: min. -15°CWB - max. 18°CWB

Floor standing unit

Floor standing unit for optimal heating comfort thanks to dual airflow

› Can be installed against a wall or recessed
› Its low height enables the unit to fit perfectly beneath a window
› Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
› Whisper quiet operation: down to 23dBA sound pressure level
› Seasonal efficiency values up to A+ in cooling and heating

FVXS-F

RXS25-35L3

ARC452A1

Efficiency data				**FVXS + RXS**	**25F + 25L3**	**35F + 35L3**	**50F + 50L**
Cooling capacity	Min./Nom./Max.			kW	1.3/2.5/3.0	1.4/3.5/3.8	1.4/5.0/5.6
Heating capacity	Min./Nom./Max.			kW	1.3/3.4/4.5	1.4/4.5/5.0	1.4/5.8/8.1
Power input	Cooling	Min./Nom./Max.		kW	0.300/0.606/0.920	0.300/1.060/1.250	0.500/1.550/2.000
	Heating	Min./Nom./Max.		kW	0.290/0.770/1.390	0.310/1.190/1.880	0.500/1.600/2.600
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A+		
		Pdesign		kW	2.50	3.50	5.00
		SEER			5.74	5.60	5.89
		Annual energy consumption		kWh	152	219	297
	Heating (Average climate)	Energy label			A+	A	
		Pdesign		kW	2.60	2.90	4.20
		SCOP/A			4.56	3.93	3.80
		Annual energy consumption		kWh	798	1,033	1,546
Nominal efficiency	EER				4.12 (1)	3.30 (1)	3.23 (1)
	COP				4.42 (1)	3.78 (1)	3.63 (1)
	Annual energy consumption			kWh	303	530	775
	Energy label	Cooling/Heating			A/A		

Indoor unit				**FVXS**	**25F**	**35F**	**50F**
Dimensions	Unit	HeightxWidthxDepth		mm	600x700x210		
Weight	Unit			kg	14		
Air filter	Type				Removable / washable / mildew proof		
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	8.2/4.8/4.1	8.5/4.9/4.5	10.7/7.8/6.6
	Heating	High/Low/Silent operation		m^3/min	8.8/5.0/4.4	9.4/5.2/4.7	11.8/8.5/7.1
Sound power level	Cooling			dBA	52		60
	Heating			dBA	52		60
Sound pressure level	Cooling	High/Low/Silent operation		dBA	38/26/23	39/27/24	44/36/32
	Heating	High/Low/Silent operation		dBA	38/26/23	39/27/24	45/36/32
Control systems	Infrared remote control				ARC452A1		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				**RXS**	**25L3**	**35L3**	**50L**
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x825x300
Weight	Unit			kg	34		47
Sound power level	Cooling			dBA	59	61	62
	Heating			dBA	59	61	62
Sound pressure level	Cooling	High/Low/Silent operation		dBA	46/-/43	48/-/44	48/44/-
	Heating	High/Low/Silent operation		dBA	47/-/44	48/-/45	48/45/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
	Charge			kg	1.0	1.2	1.7
				TCO_2eq	2.1	2.5	3.5
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5		12.7
	Piping length	OU - IU	Max.	m	20		30
		System	Chargeless	m	10		-
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	15		20.0
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-230-240
Current - 50Hz	Maximum fuse amps (MFA)			A	-		

(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Flexi type unit

Flexible unit, ideal for rooms without false ceiling, can fit on either ceiling or wall

- Can fit on either ceiling or lower wall; its low height enables the unit to fit beneath a window
- Home leave operation maintains the indoor temperature at your specified comfort level during absence, thus saving energy
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Seasonal efficiency values up to A in cooling and heating

FLXS-B(9)

RXS25-35L3

ARC433B67

Efficiency data				**FLXS + RXS**	**25B + 25L3**	**35B9 + 35L3**	**50B + 50L**	**60B**
Cooling capacity	Min./Nom./Max.			kW	1.2/2.5/3.0	-/3.5/-	0.9/4.9/5.3	-
Heating capacity	Min./Nom./Max.			kW	1.2/3.4/4.5	1.4/4.0/5.0	0.9/6.1/7.5	-
Power input	Cooling	Min./Nom./Max.		kW	0.300/0.668/0.860	0.300/1.215/1.260	0.450/1.720/1.950	-
	Heating	Min./Nom./Max.		kW	0.290/0.960/1.490	0.290/1.120/1.850	0.310/1.820/3.540	-
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A	B	A	Only available in multi model application
		Pdesign		kW	2.50	3.50	4.90	
		SEER			5.19	4.87	5.25	
		Annual energy consumption		kWh	169	252	326	
	Heating (Average climate)	Energy label			A			
		Pdesign		kW	2.50	2.90	4.20	
		SCOP/A			3.80			
		Annual energy consumption		kWh	921	1,068	1,546	
Nominal efficiency	EER				3.74 (1)	2.88 (1)	2.85	
	COP				3.54 (1)	3.57 (1)	3.35	
	Annual energy consumption			kWh	334	608	860	

Indoor unit				**FLXS**	**25B**	**35B9**	**50B**	**60B**
Dimensions	Unit	HeightxWidthxDepth		mm	490x1,050x200			
Weight	Unit			kg	16		17	
Air filter	Type				Removable / washable / mildew proof			
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	7.6/6.0/5.2	8.6/6.6/5.6	11.4/8.5/7.5	12.0/9.3/8.3
	Heating	High/Low/Silent operation		m^3/min	9.2/7.4/6.6	12.8/8.0/7.2	12.1/7.5/6.8	12.8/8.4/7.5
Sound power level	Cooling			dBA	51	53	60	
	Heating			dBA	51	59	-	59
Sound pressure level	Cooling	High/Low/Silent operation		dBA	37/31/28	38/32/29	47/39/36	48/41/39
	Heating	High/Low/Silent operation		dBA	37/31/29	46/33/30	46/35/33	47/37/34
Control systems	Infrared remote control				ARC433B67			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220-230	1~ / 50 / 220-240	1~ / 50/60 / 220-240/220-230	1~ / 50 / 230

Outdoor unit					**RXS**	**25L3**	**35L3**	**50L**	
Dimensions	Unit	HeightxWidthxDepth			mm	550x765x285		735x825x300	Only available in multi model application
Weight	Unit				kg	34		47	
Sound power level	Cooling				dBA	59	61	62	
	Heating				dBA	59	61	62	
Sound pressure level	Cooling	High/Low/Silent operation			dBA	46/-/43	48/-/44	48/44/-	
	Heating	High/Low/Silent operation			dBA	47/-/44	48/-/45	48/45/-	
Operation range	Cooling	Ambient	Min.~Max.		°CDB	-10~46			
	Heating	Ambient	Min.~Max.		°CWB	-15~18			
Refrigerant	Type					R-410A			
	Charge				kg	1.0	1.2	1.7	
					TCO_2eq	2.1	2.5	3.5	
	GWP					2,087.5			
Piping connections	Liquid	OD			mm	6.35			
	Gas	OD			mm	9.5		12.7	
	Piping length	OU - IU	Max.		m	20		30	
		System	Chargeless		m	10		-	
	Additional refrigerant charge				kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU	Max.		m	15		20.0	
Power supply	Phase / Frequency / Voltage				Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-230-240	
Current - 50Hz	Maximum fuse amps (MFA)				A	10		20	

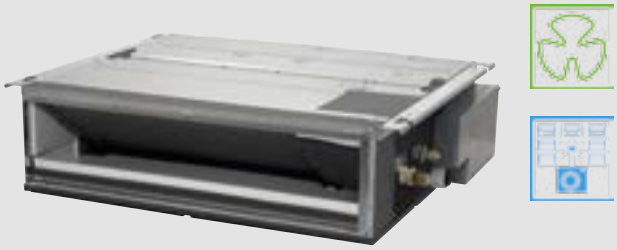
(1) EER/COP according to Eurovent 2012, for use outside EU only, (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed ceiling unit

Compact concealed ceiling unit, with a height of only 200mm

- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm

- Medium external static pressure up to 40Pa facilitates unit use with flexible ducts of varying lengths
- Low energy consumption thanks to DC fan motor
- Seasonal efficiency values up to A+ in cooling and heating



FDXM25-35F3

RXS25-35L3

BRC1E53A/B/C, BRC4C65

Efficiency data				**FDXM + RXS**	**25F3 + 25L3**	**35F3 + 35L3**	**50F3 + 50L**	**60F3 + 60L**
Cooling capacity	Min./Nom./Max.			kW	1.3/2.4/3.0	1.4/3.4/3.8	1.7/5.0/5.3	1.7/6.0/6.5
Heating capacity	Min./Nom./Max.			kW	1.3/3.2/4.5	1.4/4.0/5.0	1.7/5.8/6.0	1.7/7.0/8.0
Power input	Cooling	Nom.		kW	0.641	1.148	1.650	2.060
	Heating	Nom.		kW	0.800	1.150	1.870	2.180
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+	A	A+	A
		Pdesign		kW	2.40	3.40	5.00	6.00
		SEER			5.63	5.21	5.72	5.51
		Annual energy consumption		kWh	149	228	306	381
	Heating (Average climate)	Energy efficiency class			A+	A		
		Pdesign		kW	2.60	2.90	4.00	4.60
		SCOP/A			4.24	3.88	3.93	3.80
		Annual energy consumption		kWh	858	1,047	1,425	1,693
Nominal efficiency	EER				3.74 (1)	2.96 (1)	3.03 (1)	2.91 (1)
	COP				4.00 (1)	3.48 (1)	3.10 (1)	3.21 (1)
	Annual energy consumption			kWh	321	574	825	1,030
	Energy labeling Directive	Cooling/Heating			A/A	B/A	B/D	C/C

Indoor unit				**FDXM**	**25F3**	**35F3**	**50F3**	**60F3**
Dimensions	Unit	HeightxWidthxDepth		mm	200x750x620		200x1,150x620	
Weight	Unit			kg	21		30	
Air filter	Type				Removable / washable / mildew proof			
Fan - Air flow rate	Cooling	High/Low		m^3/min	8.7/7.3		12.0/10.0	16.0/13.5
	Heating	High/Low		m^3/min	8.7/7.3		16.0/13.5	
Fan - External static pressure	Nom.			Pa	30		40	
Sound power level	Cooling			dBA	53		55	56
	Heating			dBA	53		55	56
Sound pressure level	Cooling	High/Low		dBA	35/27		38/30	
	Heating	High/Low		dBA	35/27		38/30	
Control systems	Infrared remote control				BRC4C65			
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230		1~ / 50 / 220-240	

Outdoor unit				**RXS**	**25L3**	**35L3**	**50L**	**60L**
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x825x300	
Weight	Unit			kg	34		47	48
Sound power level	Cooling			dBA	59	61	62	
	Heating			dBA	59	61	62	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	46/-/43	48/-/44	48/44/-	49/46/-
	Heating	High/Low/Silent operation		dBA	47/-/44	48/-/45	48/45/-	49/46/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type				R-410A			
	Charge			kg	1.0	1.2	1.7	1.5
				TCO_2eq	2.1	2.5	3.5	3.1
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.5		12.7	
	Piping length	OU - IU	Max.	m	20		30	
		System	Chargeless	m	10		-	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU	Max.	m	15		20.0	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-230-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

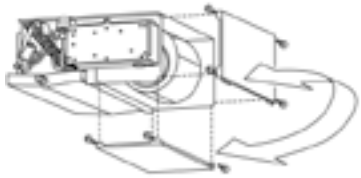
*Note: blue cells contain preliminary data

(1) EER/COP according to Eurovent 2012, for use outside EU only ,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Small concealed ceiling unit

Designed for hotel applications

- Compact unit (230mm high & 652mm deep), can easily be mounted in narrow ceiling voids
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Whisper quiet operation: down to 28dBA sound pressure level
- Flexible installation, as the air suction direction can be altered from rear to bottom suction



- For easy mounting, the drain pan can be located to the left or right of the unit

FDBQ-B

BRC1E52A/B

Indoor unit				**FDBQ**	**25B**
Dimensions	Unit	HeightxWidthxDepth		mm	230x652x502
Weight	Unit			kg	17.0
Air filter	Type				Resin net with mold resistance
Fan - Air flow rate	Cooling	High/Low		m^3/min	6.50/5.20
	Heating	High/Low		m^3/min	6.95/5.20
Sound power level	Cooling			dBA	55
	Heating			dBA	55
Sound pressure level	Cooling	High/Low		dBA	35.0/28.0
	Heating	High/Low		dBA	35.0/29.0
Control systems	Wired remote control				BRC1D52 / BRC1E52A/B
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230

Outdoor unit					
Dimensions	Unit	HeightxWidthxDepth		mm	only available in multi model application
Weight	Unit			kg	
Sound power level	Cooling			dBA	
Sound pressure level	Cooling	Nom.		dBA	
	Heating	Nom.		dBA	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	
	Heating	Ambient	Min.~Max.	°CWB	
Refrigerant	Type/Charge kg-TCO^{2}Eq/GWP				
Piping connections	Liquid	OD		mm	
	Gas	OD		mm	
	Piping length	OU - IU	Max.	m	
	Additional refrigerant charge			kg/m	
	Level difference	IU - OU	Max.	m	
		IU - IU	Max.	m	
Power supply	Phase / Frequency / Voltage			Hz / V	
Current - 50Hz	Maximum fuse amps (MFA)			A	

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Make all applications possible

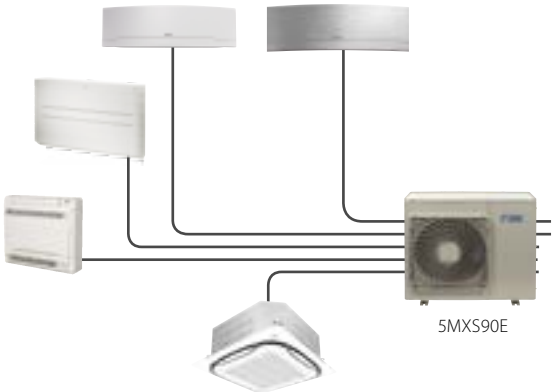
Multi model applications

- All indoor units can be individually controlled and do not need to be installed in the same room.
- Combine different types of indoor units: wall mounted, floor standing, ceiling suspended, round flow cassette, concealed ceiling.
- Phased installation possible.

MXS
Multi model application

Installation flexibility

› A very wide range is available, from 2-port to 5-port units, making all applications possible.
› Up to 5 indoor units can be connected to 1 multi outdoor unit.
› Outdoor multi split units are fitted with the Daikin swing compressor, renowned for its low noise and high energy efficiency.
› The outdoor units are neat and sturdy and can be mounted easily on a roof or terrace or simply placed against an outside wall.



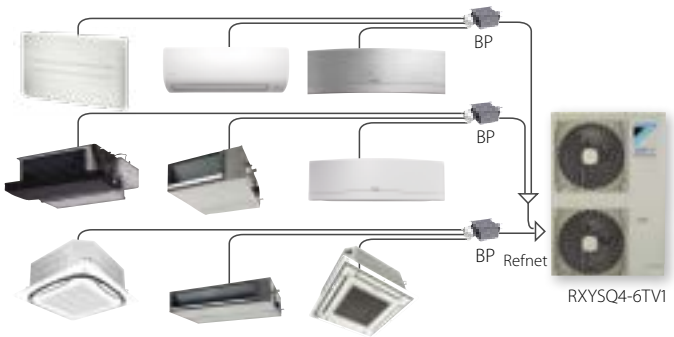
RXYS(C)Q

VRV IV S-series

Installation flexibility

› Up to 9 indoor units can be connected to 1 VRV outdoor unit
› Maximum total piping length of 145m offers much more flexibility in the choice of installation position

Variable Refrigerant Temperature



Multi model application

- Outdoor units for multi model application.
- Up to 5 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.
- Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- Night quiet mode automatically reduces the operation sound of the outdoor unit by 3dBA during nighttime (multi outdoor units in cooling mode only)
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor unit silent operation: „silent" button on the remote control lowers the operation sound of the outdoor unit by 3dBA to ensure a quiet environment for the neighbourhood.
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode.
- Anti-corrosion treated outdoor heat exchanger fin

2MXS40-50H

3MXS52E/4MXS68F

5MXS90E

CONNECTABLE INDOOR UNITS	Wall mounted																		Floor standing						Flexi type				Round flow cassette			Fully flat cassette				Concealed ceiling								Ceiling suspended			Concealed floor standing			
	FTXG-L				CTXS-K		FTXS-K						FTXS-G		FTX-J3			FTX-KV	FVXG-K			FVXS-F			FLXS-B(9)				FCQG-F			FFQ-C				FDXM-F3				FDBQ-B/ FBQ-D				FHQ-C			FNQ-A			
	20	25	35	50	15	35	20	25	35	42	50	60	71	20	25	35	20	25	35	25	35	50	25	35	50	25	35	50	60	35	50	60	25	35	50	60	25	35	50	60	25	35	50	60	35	50	60	25	35	50	60
2MXS40H	●	●	●		●	●	●	●	●					●	●	●	●	●	●	●	●	●		●	●										●	●															
2MXS50H	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●								●	●	●														
3MXS40K	●	●	●		●	●	●	●	●											●	●		●	●				●			●	●			●	●			●	●			●			●	●		
3MXS52E	●	●	●	●	●	●	●	●	●	●	●									●	●	●	●	●	●			●	●		●	●	●		●	●	●		●	●	●		●	●	●	●	●	●	
3MXS68G	●	●	●	●	●	●	●	●	●	●	●	●								●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXS68F	●	●	●	●	●	●	●	●	●	●	●	●								●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXS80E	●	●	●	●	●	●	●	●	●	●	●	●	●							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5MXS90E	●	●	●	●	●	●	●	●	●	●	●	●	●							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

*Note: blue cells contain preliminary data

Outdoor unit					2MXS40H	2MXS50H	3MXS40K	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x936x300				770x900x320	
Weight	Unit			kg	38	42	49		58		72	73
Sound power level	Cooling			dBA	62	63	59		61		62	66
	Heating			dBA	-		60		-			
Sound pressure level	Cooling	Nom.		dBA	47	48	46		48			52
	Heating	Nom.		dBA	48	50	47		49			52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46		-10~46					
	Heating	Ambient	Min.~Max.	°CWB	-15~18							
Refrigerant	Type				R-410A							
	Charge			kg	1.20	1.60	2.0		2.59	2.6	2.99	
				TCO_2eq	2.5	3.3	4.2		5.4		6.2	
	GWP				2,087.5							
Piping connections	Liquid	OD		mm	6.35							
	Gas	OD		mm	9.5			9.52				
	Piping length	OU - IU	Max.	m	20		25					
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 20m)		0.02 (for piping length exceeding 30m)					
	Level difference	IU - OU	Max.	m	15							
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		1~ / 50 / 230					
Current - 50Hz	Maximum fuse amps (MFA)			A	16		20					

VRV IV S-series compact heat pump

The most compact VRV

- Compact & lightweight single fan design makes the unit almost unnoticeable
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air cutains
- Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Nexura ...
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator, 7 segment display and full inverter compressors, refrigerant cooled PCB, new DC fan motor
- 3 steps in night quiet mode: step 1: 47dBA, step 2: 44 dBA, step 3: 41 dBA
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- Contains all standard PRV features

RXYSCQ-TV1

Connectable stylish indoor units

	15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Round flow cassette FCQG-F				●		●	●	
Fully flat cassette FFQ-C			●	●		●	●	
Small concealed ceiling unit FDBQ-B			●	●		●	●	
Slim concealed ceiling unit FDXM-F3			●	●		●	●	
Concealed ceiling unit with inverter driven fan FBQ-D			●	●		●	●	
Daikin Emura - Wall mounted unit FTXG-LW/LS		●	●	●		●		
Wall mounted unit CTXS-K	●			●				
Wall mounted unit FTXS-K		●	●	●	●	●		
Wall mounted unit FTXS-G							●	●
Ceiling suspended unit FHQ-CB				●		●	●	
Nexura - Floor standing unit FVXG-K			●	●		●		
Floor standing unit FVXS-F			●	●		●		
Flexi type unit FLXS-B(9)			●	●		●	●	

Outdoor unit				**RXYSCQ**	**4TV1**	**5TV1**
Capacity range				HP	4	5
Cooling capacity	Nom.	35°CDB		kW	12.1	14.0
Heating capacity	Nom.	6°CWB		kW	12.1	14.0
	Max.	6°CWB		kW	14.2	16.0
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	3.43	4.26
	Heating	Nom.	6°CWB	kW	3.18	3.19
		Max.	6°CWB	kW	4.14	5.00
COP at nom. capacity	6°CWB			kW/kW	3.81	3.58
COP at max. capacity	6°CWB			kW/kW	3.43	3.20
ESEER - Automatic					6.93	6.57
Maximum number of connectable indoor units					64	
Indoor index connection	Min.				50	62.5
	Nom.				-	
	Max.				130	162.5
Dimensions	Unit	HeightxWidthxDepth		mm	823x940x460	
Weight	Unit			kg	94	
Fan	Air flow rate	Cooling	Nom.	m^3/min	91	
Sound power level	Cooling	Nom.		dBA	68	69
Sound pressure level	Cooling	Nom.		dBA	51	52
Operation range	Cooling	Min.~Max.		°CDB	-5~46	
	Heating	Min.~Max.		°CWB	-20~15.5	
Refrigerant	Type				R-410A	
	GWP				2,087.5	
	Charge			TCO_2eq	7.7	
				kg	3.7	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	15.9	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	32	

(1) Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤130%).

Branch provider			**BPMKS967B2**	**BPMKS967B3**
Connectable indoor units			1~2	1~3
Max. indoor unit connectable capacity			14.2	20.8
Max. connectable combination			71+71	60+71+71
Dimensions	Height x Width x Depth	mm	180x294x350	
Weight		kg	7	8

VRV IV S-series heat pump

Space saving solution without compromising on efficiency

- Space saving trunk design for flexible installation
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air cutains
- Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Nexura ...
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors
- 3 steps in night quiet mode: step 1: 47dBA, step 2: 44 dBA, step 3: 41 dBA
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- Contains all standard VRV features

RXYSQ4-6TV1_TY1

Connectable stylish indoor units

		15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Round flow cassette	FCQG-F				●		●	●	
Fully flat cassette	FFQ-C			●	●		●	●	
Small concealed ceiling unit	FDBQ-B			●	●		●	●	
Slim concealed ceiling unit	FDXM-F3			●	●		●	●	
Concealed ceiling unit with inverter driven fan	FBQ-D			●	●		●	●	
Daikin Emura - Wall mounted unit	FTXG-LW/LS		●	●	●		●		
Wall mounted unit	CTXS-K	●			●				
Wall mounted unit	FTXS-K		●	●	●	●	●		
Wall mounted unit	FTXS-G							●	●
Ceiling suspended unit	FHQ-CB				●		●	●	
Nexura - Floor standing unit	FVXG-K			●	●		●		
Floor standing unit	FVXS-F			●	●		●		
Flexi type unit	FLXS-B(9)			●	●		●	●	

Outdoor unit				**RXYSQ-TV1/RXYSQ-TY1**	4TV1	5TV1	6TV1	4TY1	5TY1	6TY1	8TY1	10TY1	12TY1
Capacity range				HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Nom.	35°CDB		kW	12.1	14.0	15.5	12.1	14.0	15.5		-	
		Eurovent		kW	-						22.4	28.0	33.5
Heating capacity	Nom.	6°CWB		kW	12.1 (1)	14.0 (1)	15.5 (1)	12.1 (1)	14.0 (1)	15.5 (1)	22.4 (1)	28.0 (1)	33.5 (1)
	Max.	6°CWB		kW	14.2 (1)	16.0 (1)	18.0 (1)	14.2 (1)	16.0 (1)	18.0 (1)	25.0 (1)	31.5 (1)	37.5 (1)
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	3.03	3.73	4.56	3.03	3.73	4.56		-	
			Eurovent	kW	-						6.12	8.24	10.2
	Heating	Nom.	6°CWB	kW	2.68 (1)	3.27 (1)	3.97 (1)	2.68 (1)	3.27 (1)	3.97 (1)	5.20 (1)	6.60 (1)	8.19 (1)
		Max.	6°CWB	kW	3.43 (1)	4.09 (1)	5.25 (1)	3.43 (1)	4.09 (1)	5.25 (1)	6.22 (1)	8.33 (1)	10.2 (1)
EER at nom. capacity	Eurovent			kW/kW	-						3.66	3.40	3.30
COP at nom. capacity	6°CWB			kW/kW	4.52 (1)	4.28 (1)	3.90 (1)	4.52 (1)	4.28 (1)	3.90 (1)	4.31 (1)	4.24 (1)	4.09 (1)
COP at max. capacity	6°CWB			kW/kW	4.14 (1)	3.91 (1)	3.43 (1)	4.14 (1)	3.91 (1)	3.43 (1)	4.02 (1)	3.78 (1)	3.66 (1)
ESEER - Automatic					7.89	7.49	6.73	7.89	7.49	6.73	6.72	6.41	6.18
Maximum number of connectable indoor units					64								
Indoor index connection	Min.				50	62.5	70	50	62.5	70	100	125	150
	Nom.				-								
	Max.				130	162.5	182	130	162.5	182	260	325	390
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320						1,430x940x320	1,615x940x460	
Weight	Unit			kg	104						144	175	180
Fan	Air flow rate	Cooling	Nom.	m^3/min	106						140	182	
Sound power level	Cooling	Nom.		dBA	68	69	70	68	69	70	73	74	76
Sound pressure level	Cooling	Nom.		dBA	50	51		50	51		55		57
Operation range	Cooling	Min.~Max.		°CDB	-5~46						-5~52		
	Heating	Min.~Max.		°CWB	-20~15.5								
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge			TCO_2eq	7.5						9.4	14.6	16.7
				kg	3.6						5.5	7	8
Piping connections	Liquid	OD		mm	9.52								12.7
	Gas	OD		mm	15.9		19.1	15.9		19.1		22.2	25.4
	Total piping length	System	Actual	m	300			-					
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240			3N~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)			A	32			16			25		32

(1) Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤130%).

Branch provider			**BPMKS967B2**	**BPMKS967B3**
Connectable indoor units			1~2	1~3
Max. indoor unit connectable capacity			14.2	20.8
Max. connectable combination			71+71	60+71+71
Dimensions	Height x Width x Depth	mm	180x294x350	
Weight		kg	7	8

Siesta

wall mounted units

The Siesta range offers a wide variety of wall mounted units with high efficiency values up to A++. They provide excellent levels of comfort, and several indoor units are connectable to a multi outdoor unit (ATXS-K, ATX-J3, ATX-KV).

Type	Refrigerant	Model	Product name		20	25	35	42	50	60	page
Siesta Wall mounted	R-32	Siesta wall mounted unit Discreet, modern design for optimal efficiency and comfort thanks to 2 area intelligent eye	ATXM-M		● (multi only)	●	●		●		112
		Siesta wall mounted unit - Multi model applications Discreet Siesta wall mounted unit providing high efficiency and comfort	ATXP-K3		●	●	●				113
	R-410A	Wall mounted unit Siesta, discreet, modern unit for optimal efficiency and comfort thanks to 2 area intelligent eye	ATXS-K		● (multi only)	●	●		●		133
		Wall mounted unit Siesta, providing high efficiency and comfort	ATX-J3		●	●	●				135
			ATX-KV		●	●	●				134
		Wall mounted unit Siesta, offering good value for money and ensuring a steady supply of clean air	ATXN-NB9			● (pair only)	● (pair only)		● (pair only)	● (pair only)	136
		Wall mounted unit Siesta, for low energy consumption and pleasant comfort. Designed for colder climates should only start from ATXL-JV	ATXB-C			● (pair only)	● (pair only)		● (pair only)	● (pair only)	137
Designed for colder climates	R-410A	Wall mounted unit Siesta, providing high efficiency and comfort even at low ambient temperatures	ATXL-JV			● (pair only)	● (pair only)				145

Wall mounted unit

Discreet, modern Siesta unit for optimal efficiency and comfort thanks to 2 area intelligent eye

- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- Ideal for installation in bedrooms (smaller capacity range) and larger or irregularly shaped living areas (larger capacity range)
- 2-area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting. (larger capacity area)
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces (larger capacity area)
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- High quality matt crystal white finish
- Seasonal efficiency values up to A++ in cooling and heating

Efficiency data				ATXS + ARXS		25K + 25L3	35K + 35L3	50K + 50L
Cooling capacity	Min./Nom./Max.			kW	Only available in multi model application	-/2.5/-	1.4/3.5/4.0	1.7/5.00/5.3
Heating capacity	Min./Nom./Max.			kW		1.3/2.8/4.7	1.4/4.00/5.2	1.7/5.80/6.5
Power input	Cooling	Min./Nom./Max.		kW		0.320/0.602/1.000	0.350/0.840/1.190	0.350/1.587/1.810
	Heating	Min./Nom./Max.		kW		0.310/0.620/1.410	0.340/0.840/1.460	0.300/1.450/2.000
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class				A++		
		Pdesign		kW		2.50	3.50	5.00
		SEER				7.51	7.10	6.46
		Annual energy consumption		kWh		117	173	271
	Heating (Average climate)	Energy efficiency class				A++		A+
		Pdesign		kW		2.50	3.60	4.60
		SCOP/A				4.68	4.61	4.00
		Annual energy consumption		kWh		747	1,094	1,608
Nominal efficiency	EER					4.15 (1)	3.70 (1)	3.15 (1)
	COP					4.52 (1)	4.76 (1)	4.00 (1)
	Annual energy consumption			kWh		301	473	794
	Energy labeling Directive	Cooling/Heating				A/A		

Indoor unit				ATXS	20K	25K	35K	50K
Dimensions	Unit	HeightxWidthxDepth		mm	289x780x215		298x900x215	
Weight	Unit			kg	8		11	
Air filter	Type				Removable / washable / mildew proof			
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	9.1/5.0/3.9		11.2/5.8/4.1	11.9/7.4/4.5
	Heating	High/Low/Silent operation		m^3/min	10.0/6.0/4.3		12.1/6.5/4.2	13.3/8.4/5.5
Sound power level	Cooling			dBA	56	58	59	60
	Heating			dBA	56	58	59	60
Sound pressure level	Cooling	High/Low/Silent operation		dBA	40/24/19	41/25/19	45/29/19	46/34/23
	Heating	High/Low/Silent operation		dBA	40/27/19	41/27/19	45/29/19	47/34/24
Control systems	Infrared remote control				ARC466A6		ARC466A9	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			

Outdoor unit				ARXS		25L3	35L3	50L
Dimensions	Unit	HeightxWidthxDepth		mm	Only available in multi model application	550x765x285		735x825x300
Weight	Unit			kg		34		47
Sound power level	Cooling			dBA		59	61	62
	Heating			dBA		59	61	62
Sound pressure level	Cooling	High/Low/Silent operation		dBA		46/-/43	48/44/-	48/-/44
	Heating	High/Low/Silent operation		dBA		47/44/-	48/45/-	48/-/45
Operation range	Cooling	Ambient	Min.~Max.	°CDB		10~46		
	Heating	Ambient	Min.~Max.	°CWB		-15~18		
Refrigerant	Type					R-410A		
	Charge			kg		1.0	1.2	1.7
				TCO_2eq		2.1	2.5	3.5
	GWP					2,087.5		
Piping connections	Liquid	OD		mm		6.35		
	Gas	OD		mm		9.5		12.7
	Piping length	OU - IU	Max.	m		20		30
		System	Chargeless	m		10		
	Additional refrigerant charge			kg/m		0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m		15		20
Power supply	Phase / Frequency / Voltage			Hz / V		1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A		10		-

(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

Discreet Siesta wall mounted unit providing high efficiency and comfort

- Whisper quiet in operation down to 20 dBA
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Discreet, stylish front panel blends easily with the wall, and matches all interior décors
- Seasonal efficiency values up to A++ in cooling and heating

Efficiency data				ATX + ARX	20KV + 20K	25KV + 25K	35KV + 35K
Cooling capacity	Nom.			kW	2.0	2.5	3.5
Heating capacity	Nom.			kW	2.5	3.0	4.0
Power input	Heating	Nom.		kW	0.524	0.688	0.995
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		
		Pdesign		kW	2.00	2.50	3.50
		SEER			6.62	6.46	6.42
		Annual energy consumption		kWh	106	135	191
	Heating (Average climate)	Energy efficiency class			A++		
		Pdesign		kW	2.20	2.40	2.80
		SCOP/A			4.64	4.60	4.62
		Annual energy consumption		kWh	664	730	849
Nominal efficiency	EER				3.97 (1)	3.78 (1)	3.43 (1)
	COP				4.77 (1)	4.36 (1)	4.02 (1)
	Annual energy consumption			kWh	252	331	510
	Energy labeling Directive	Cooling/Heating			A/A		

Indoor unit				ATX	20KV	25KV	35KV
Dimensions	Unit	HeightxWidthxDepth		mm	286x770x225		
Weight	Unit			kg	8		
Air filter	Type				Removable / washable / mildew proof		
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	9.9/5.8/4.8	10.4/6.1/4.8	11.8/6.3/4.9
	Heating	High/Low/Silent operation		m^3/min	10.9/6.4/5.2	11.1/6.7/5.2	12.8/6.9/5.2
Sound power level	Cooling			dBA	55		58
	Heating			dBA	55		58
Sound pressure level	Cooling	High/Low/Silent operation		dBA	39/25/20	40/26/20	43/27/20
	Heating	High/Low/Silent operation		dBA	39/28/23	40/28/23	43/29/26
Control systems	Infrared remote control				ARC480A11		
	Wired remote control				BRC073A1		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				ARX	20K	25K	35K
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x275		
Weight	Unit			kg	28		
Sound power level	Cooling			dBA	60		62
	Heating			dBA	61		62
Sound pressure level	Cooling	High		dBA	46		48
	Heating	High		dBA	47		48
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10 ~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
	Charge			kg	0.74		1.0
				TCO_2eq	1.5		2.1
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5		
	Piping length	OU - IU	Max.	m	15		
		System	Chargeless	m	10		
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	12		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	16		

(1) EER/COP according to Eurovent 2012, for use outside EU only
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

Siesta wall mounted unit providing high efficiency and comfort

- Whisper quiet in operation down to 23 dBA
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- The unit's compact dimensions makes it ideal for renovation projects, especially for above door installation
- Seasonal efficiency values up to A++ in cooling and A+ in heating

Efficiency data				**ATX + ARX**	**20J3 + 20K**	**25J3 + 25K**	**35J3 + 35K**
Cooling capacity	Min./Nom./Max.			kW	1.3/2.0/2.6	1.3/2.5/3.0	1.3/3.3/3.8
Heating capacity	Min./Nom./Max.			kW	1.3/2.5/3.5	1.3/2.8/4.0	1.3/3.5/4.8
Power input	Cooling	Min./Nom./Max.		kW	0.310/0.490/0.720	0.310/0.700/1.050	0.290/1.030/1.300
	Heating	Min./Nom./Max.		kW	0.250/0.590/0.950	0.250/0.690/1.110	0.290/0.930/1.290
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		
		Pdesign		kW	2.00	2.50	3.30
		SEER			6.11	6.15	
		Annual energy consumption		kWh	115	142	188
	Heating (Average climate)	Energy efficiency class			A+		
		Pdesign		kW	2.20	2.40	2.80
		SCOP/A			4.34	4.16	4.14
		Annual energy consumption		kWh	711	809	947
Nominal efficiency	EER				4.09 (1)	3.55 (1)	3.21 (1)
	COP				4.24 (1)	4.06 (1)	3.76 (1)
	Annual energy consumption			kWh	244	352	514
	Energy labeling Directive	Cooling/Heating			A/A		

Indoor unit				**ATX**	**20J3**	**25J3**	**35J3**
Dimensions	Unit	HeightxWidthxDepth		mm	283x770x198		
Weight	Unit			kg	7		
Air filter	Type				Removable / washable / mildew proof		
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	9.1/5.9/4.7	9.2/6.0/4.8	9.3/6.1/4.9
	Heating	Super high/High/Low		m^3/min	9.4/7.8/5.5	9.7/8.0/5.5	10.1/8.4/5.7
Sound power level	Cooling			dBA	55		58
	Heating			dBA	55		58
Sound pressure level	Cooling	High/Low/Silent operation		dBA	39/25/22	40/26/22	41/27/23
	Heating	High/Low/Silent operation		dBA	39/28/25	40/28/25	41/29/26
Control systems	Infrared remote control				ARC433A89		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				**ARX**	**20K**	**25K**	**35K**
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x275		
Weight	Unit			kg	28		
Sound power level	Cooling			dBA	60		62
	Heating			dBA	61		62
Sound pressure level	Cooling	High		dBA	46		48
	Heating	High		dBA	47		48
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10 ~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
	Charge			kg	0.74		1.0
				TCO_2eq	1.5		2.1
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5		
	Piping length	OU - IU	Max.	m	15		
		System	Chargeless	m	10		
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	12		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	16		

(1) EER/COP according to Eurovent 2012, for use outside EU only,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Siesta

Wall mounted unit

Siesta wall mounted unit, offering good value for money and ensuring a steady supply of clean air

- Flat, stylish front panel blends easily within any interior décor and is easier to clean
- Whisper quiet in operation down to 21 dBA
- Seasonal efficiency values up to A+ in cooling and heating

ATXN-NB9

ARXN25-35NB9

AP GS02

Efficiency data				ATXN + ARXN	25NB9 + 25NB9	35NB9 + 35NB9	50NB9 + 50NB9	60NB9 + 60NB9
Cooling capacity	Nom.			kW	2.560	3.410	5.480	6.230
Heating capacity	Nom.			kW	2.840	3.580	5.620	6.400
Power input	Cooling	Nom.		kW	0.693	1.060	1.668	1.931
	Heating	Nom.		kW	0.700	0.950	1.550	1.680
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+			
		Pdesign		kW	2.56	3.41	5.48	6.23
		SEER			5.66	5.86	5.79	5.96
		Annual energy consumption		kWh	159	204	331	366
	Heating (Average climate)	Energy efficiency class			A+			
		Pdesign		kW	2.41	2.80	3.37	3.80
		SCOP/A			4.00		4.01	4.06
		Annual energy consumption		kWh	842	981	1,177	1,310
Nominal efficiency	EER				3.69 (1)	3.22 (1)	3.29 (1)	3.23 (1)
	COP				4.06 (1)	3.77 (1)	3.63 (1)	3.81 (1)
	Annual energy consumption			kWh	347	530	833	964
	Energy labeling Directive	Cooling/Heating			A/A			

Indoor unit				ATXN	25NB9	35NB9	50NB9	60NB9
Dimensions	Unit	HeightxWidthxDepth		mm	288x859x209		310x1,124x237	
Weight	Unit			kg	9.0		14.0	
Air filter	Type				Removable / washable			
Fan - Air flow rate	Cooling	Super high/High/ Low/Silent operation		m^3/min	10.70/9.80/6.10/4.70	11.10/10.10/6.60/4.70	16.40/15.00/11.80/10.60	19.90/18.50/14.40/12.40
	Heating	Super high/High/ Low/Silent operation		m^3/min	10.70/9.80/6.10/4.70	11.10/10.10/6.60/4.70	16.40/15.30/11.80/10.60	19.90/18.90/14.40/12.40
Sound power level	Cooling			dBA	53	54	55	61
Sound pressure level	Cooling	Super high/High/ Low/Silent operation		dBA	41/40/29/21	42/41/30/22	44/40/35/32	46/43/37/33
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			

Outdoor unit				ARXN	25NB9	35NB9	50NB9	60NB9
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x289		628x855x328	753x855x328
Weight	Unit			kg	24	26	37	44
Sound power level	Cooling			dBA	58	60	64	65
Sound pressure level	Cooling	High		dBA	45	46	51	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46		-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type				R-410A			
	Charge			kg	0.74	1.00	1.45	
				TCO_2eq	1.5	2.1	3.0	
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.52		12.70	15.90
	Piping length	OU - IU	Max.	m	20		30	
		System	Chargeless	m	7.5			
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 7.5m)			
	Level difference	IU - OU	Max.	m	10.0			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

(1) EER/COP according to Eurovent 2012, for use outside EU only
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing

Wall mounted unit

Siesta wall mounted unit for low energy consumption and pleasant comfort

- Flat, stylish front panel blends easily within any interior décor and is easier to clean
- Whisper quiet in operation down to 21 dBA
- Seasonal efficiency values up to A+ in cooling and heating

ATXB25-35C

ARXB25-35C

ARC470A1

Efficiency data				ATXB + ARXB	25C + 25C	35C + 35C	50C + 50C	60C + 60C
Cooling capacity	Min./Nom./Max.			kW	1.3/2.5/3.0	1.3/3.3/3.8	1.630/5.480/6.200	1.750/6.230/6.500
Heating capacity	Min./Nom./Max.			kW	1.3/2.8/4.0	1.3/3.5/4.8	1.170/5.620/6.600	1.200/6.400/7.100
Power input	Cooling	Min./Nom./Max.		kW	0.310/0.770/1.050	0.290/1.030/1.300	0.280/1.700/1.910	0.280/1.931/2.000
	Heating	Min./Nom./Max.		kW	0.250/0.700/1.110	0.290/0.940/1.290	0.240/1.500/1.880	0.240/1.680/2.000
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+			
		Pdesign		kW	2.50	3.30	5.48	6.23
		SEER			5.93	6.02	5.93	6.09
		Annual energy consumption		kWh	148	192	324	359
	Heating (Average climate)	Energy efficiency class			A+			
		Pdesign		kW	2.40	2.80	3.64	3.80
		SCOP/A			4.01	4.04	4.27	4.06
		Annual energy consumption		kWh	838	970	1,195	1,311
Nominal efficiency	EER				3.25 (1)	3.21 (1)	3.22 (1)	3.23 (1)
	COP				4.01 (1)	3.71 (1)	3.75 (1)	3.81 (1)
	Annual energy consumption			kWh	385	514	851	964
	Energy labeling Directive	Cooling/Heating			A/A			

Indoor unit				ATXB	25C	35C	50C	60C
Dimensions	Unit	HeightxWidthxDepth		mm	283x770x216		310x1,065x224	
Weight	Unit			kg	8		14	
Air filter	Type				Removable / washable / mildew proof		Saranet	
Fan - Air flow rate	Cooling	Super high/High/ Low/Silent operation		m^3/min	-/9.2/6.0/4.8	-/9.3/6.1/4.9	16.38/15.00/11.82/10.62	19.92/18.5/14.34/12.36
	Heating	Super high/High/ Low/Silent operation		m^3/min	-/9.7/6.3/5.5	-/10.1/6.7/5.7	16.38/15.00/11.82/10.62	19.92/18.54/14.3/12.36
Sound power level	Cooling			dBA	55	58	55	61
	Heating			dBA	55	58	-	
Sound pressure level	Cooling	Super high/High/ Low/Silent operation		dBA	-/40/26/21	-/41/27/23	44/40/35/32	46/43/37/33
	Heating	Super high/High/ Low/Silent operation		dBA	-/40/28/25	-/41/29/26	44/40/35/32	46/43/37/33
Control systems	Infrared remote control				ARC470A1		-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			

Outdoor unit				ARXB	25C	35C	50C	60C
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x275		753x855x328	
Weight	Unit			kg	28	30	44	
Sound power level	Cooling			dBA	60	62	64	65
	Heating			dBA	61	62	-	
Sound pressure level	Cooling	High/Nom.		dBA	46/-	48/-	-/51	
	Heating	High/Nom.		dBA	47/-	48/-	-/51	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type				R-410A			
	Charge			kg	0.74	1.0	1.45	
				TCO_2eq	1.5	2.1	3.0	
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.5		12.70	15.90
	Piping length	OU - IU	Max.	m	-		30	
		System	Chargeless	m	-		7.5	
	Level difference	IU - OU	Max.	m	-			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	16		-	

(1) EER/COP according to Eurovent 2012, for use outside EU only
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Multi model application

- Outdoor units for multi model application
- Up to 3 indoor units can be connected to 1 Multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time; they operate simultaneously within the same cooling or heating mode
- Night quiet mode automatically reduces the operation sound of the outdoor unit by 3dBA during nighttime (multi outdoor units in cooling mode only)
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency

2AMX40-50G

3AMX52E

	Wall mounted									
	ATXS-K				ATX-J3			ATX-KV		
Connectable indoor units	20	25	35	50	20	25	35	20	25	35
2AMX40G	●	●	●		●	●	●	●	●	●
2AMX50G	●	●	●	●	●	●	●	●	●	●
3AMX52E	●	●	●	●						

Outdoor unit					2AMX40G	2AMX50G	3AMX52E
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x936x300
Weight	Unit			kg	38	42	49
Sound power level	Cooling			dBA	62	63	59
	Heating			dBA	-		60
Sound pressure level	Cooling	Nom.		dBA	47	48	46
	Heating	Nom.		dBA	48	50	47
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46		-10~46
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
	Charge			kg	1.20	1.60	2.0
				TCO_2eq	2.5	3.3	4.2
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5		
	Piping length	OU - IU	Max.	m	20		25
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 20m)		0.02 (for piping length exceeding 30m)
	Level difference	IU - OU	Max.	m	15		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		1~ / 50 / 230
Current - 50Hz	Maximum fuse amps (MFA)			A	16		20

Optimised for heating

Why choose Daikin?

- Wide range of indoor units
- Guaranteed heating capacities even with outdoor temperatures down to -25°C.
- Outdoor units delivering leading-edge efficiency with improved defrosting and no ice build up.

Benefits

› Online controller
› Guaranteed operation down to -25°C

Designed for living

For most people, total indoor climate control means having the ability to select a desirable temperature for each space in a house and to have that temperature maintained no matter what the temperature outside and this means heating, cooling and high air quality is needed for year round comfort.

For the coldest regions, the outdoor units of our heat pump have been redesigned to withstand extreme weather conditions with excellent energy efficiency ratings.

Designed to operate in a whisper-quiet mode and to distribute purified air in a way that does not produce unpleasant air currents, our indoor units have won prestigious design awards.

Truly, climate control by design.

Online controller

Always in control, no matter where you are. Control your indoor from any location with an app, via your local network or internet.

Type	Model	Product name		25	35	page
Wall mounted	Daikin Emura Design at its best, delivering superior efficiency and comfort	FTXG-LW/S		● (pair only)	● (pair only)	116
	Wall mounted unit Discreet, modern design for optimal efficiency and comfort thanks to 2 area intelligent eye	FTXLS-K3		● (pair only)	● (pair only)	141
	Wall mounted unit Providing high efficiency and comfort	FTXL-JV		● (pair only)	● (pair only)	142
Floor standing	Nexura - floor standing unit with radiant heat panel Stylish floor standing unit with radiant heat panel for comfortable heat and very low noise	FVXG-K		● (pair only)	● (pair only)	143
	Floor standing unit Floor standing unit for optimal heating comfort thanks to dual airflow	FVXS-F		● (pair only)	● (pair only)	144
Wall mounted	Wall mounted unit Siesta wall mounted unit providing high efficiency and comfort	ATXL-JV		● (pair only)	● (pair only)	145

Wall mounted unit

Design at its best, delivering superior efficiency and comfort, even at ambient temperatures **down to -25%**

- Remarkable blend of iconic design and engineering excellence with a silver coloured or matt crystal white elegant finish
- Daikin Emura has been awarded many times, thanks to its excellent design
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- 2 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting.
- Seasonal efficiency values up to A+++ in cooling and A++ in heating
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces

- Guaranteed heating capacity at low ambient temperature, down to -25°C
- Thanks to the unique free hanging coil of the outdoor unit, the defrost cycle is improved, resulting in lower running costs and no ice build-up

Efficiency data				**FTXG + RXLG**	**25LW + 25M**	**25LS + 25M**	**35LW + 35M**	**35LS + 35M**
Cooling capacity	Min./Nom./Max.			kW	1.3/2.5/4.0		1.4/3.5/4.6	
Heating capacity	Min./Nom./Max.			kW	1.0/4.4/6.1 / 3.6 (1)		1.0/5.1/6.7 / 4.2 (1)	
Power input	Cooling	Min./Nom./Max.		kW	0.250/0.680/1.090		0.250/0.980/1.240	
	Heating	Min./Nom./Max.		kW	0.250/1.020/1.610		0.250/1.310/2.070	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++			
		Pdesign		kW	2.50		3.50	
		SEER			7.04		6.67	
		Annual energy consumption		kWh	124		184	
	Heating (Average climate)	Energy efficiency class			A++			
		Pdesign		kW	2.50		3.00	
		SCOP/A			4.64		4.60	
		Annual energy consumption		kWh	755		913	
Nominal efficiency	EER				3.68 (2)		3.57 (2)	
	COP				4.31 (2)		3.89 (2)	
	Annual energy consumption			kWh	340		490	
	Energy labeling Directive	Cooling/Heating			A/A			

Indoor unit				**FTXG**	**25LW**	**25LS**	**35LW**	**35LS**
Dimensions	Unit	HeightxWidthxDepth		mm	303x998x212			
Weight	Unit			kg	12			
Air filter	Type				Removable / washable / mildew proof			
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	8.9/4.4/2.6		10.9/4.8/2.9	
	Heating	High/Low/Silent operation		m^3/min	11.0/6.3/3.8		12.4/6.9/4.1	
Sound power level	Cooling			dBA	54		59	
	Heating			dBA	56		59	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	38/25/19		45/26/20	
	Heating	High/Low/Silent operation		dBA	41/28/19		45/29/20	
Control systems	Infrared remote control				ARC466A1			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			

Outdoor unit				**RXLG**	**25M**	**35M**
Dimensions	Unit	HeightxWidthxDepth		mm	550x858x330	
Weight	Unit			kg	40	
Sound power level	Cooling			dBA	61	
	Heating			dBA	61	
Sound pressure level	Cooling	High/Low		dBA	48/44	
	Heating	High/Low		dBA	49/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-25~18	
Refrigerant	Type				R-410A	
	Charge			kg	1	
				TCO_2eq	2.1	
	GWP				2,087.5	
Piping connections	Liquid	OD		mm	6.35	
	Gas	OD		mm	9.5	
	Piping length	OU - IU	Max.	m	20	
		System	Chargeless	m	10	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)	
	Level difference	IU - OU	Max.	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	

(1) Maximum heating capacity at -15°C outdoor temperature (2) EER/COP according to Eurovent 2012, for use outside EU only, (3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

Discreet modern design for optimal efficiency and comfort thanks to 2 area intelligent eye, even at ambient temperatures **down to -25°C**

- Guaranteed heating capacity at low ambient temperature, down to -25°C
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- 2 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting.
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- High quality matt crystal white finish
- Seasonal efficiency values up to A++ in cooling and heating

Efficiency data				FTXLS + RXLS	25K3 + 25M	35K3 + 35M
Cooling capacity	Min./Nom./Max.			kW	1.6/2.5/4.4	1.7/3.5/5.0
Heating capacity	Min./Nom./Max.			kW	1.0/4.7/6.6 / 3.98 (1)	1.0/5.4/7.2 / 4.51 (1)
Power input	Cooling	Min./Nom./Max.		kW	0.320/0.669/2.330	0.320/0.951/2.330
	Heating	Min./Nom./Max.		kW	0.240/1.100/2.360	0.240/1.310/2.880
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++	
		Pdesign		kW	2.50	3.50
		SEER			6.62	6.91
		Annual energy consumption		kWh	132	177
	Heating (Average climate)	Energy efficiency class			A++	
		Pdesign		kW	3.20	3.80
		SCOP/A			4.62	4.60
		Annual energy consumption		kWh	947	1,147
Nominal efficiency	EER				3.74 (2)	3.69 (2)
	COP				4.27 (2)	4.12 (2)
	Annual energy consumption			kWh	334.5	475.5
	Energy labeling Directive	Cooling/Heating			A/A	

Indoor unit				FTXLS	25K3	35K3
Dimensions	Unit	HeightxWidthxDepth		mm	298x900x215	
Weight	Unit			kg	12	
Air filter	Type				Removable / washable / mildew proof	
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	11.2/7.0/4.1	
	Heating	High/Low/Silent operation		m^3/min	13.3/5.2/4.2	13.3/5.1/4.2
Sound power level	Cooling			dBA	59	
	Heating			dBA	62	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	45/33/21	
	Heating	High/Low/Silent operation		dBA	47/23/19	
Control systems	Infrared remote control				ARC466A9	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	

Outdoor unit				RXLS	25M	35M
Dimensions	Unit	HeightxWidthxDepth		mm	550x858x330	
Weight	Unit			kg	40	
Sound power level	Cooling			dBA	61	
	Heating			dBA	61	
Sound pressure level	Cooling	High/Low		dBA	48/44	
	Heating	High/Low		dBA	49/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-25~18	
Refrigerant	Type				R-410A	
	Charge			kg	1.3	
				TCO_2eq	2.7	
	GWP				2,087.5	
Piping connections	Liquid	OD		mm	6.35	
	Gas	OD		mm	9.5	
	Piping length	OU - IU	Max.	m	20	
		System	Chargeless	m	10	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)	
	Level difference	IU - OU	Max.	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	

(1) Maximum heating capacity at -15°C outdoor temperature (2) EER/COP according to Eurovent 2012, for use outside EU only.
(3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more information on each combination, please refer to the electrical data drawing.

Wall mounted unit

Wall mounted unit providing high efficiency and comfort, even at ambient temperatures **down to -25°C**

- Guaranteed heating capacity at low ambient temperature, down to -25°C
- Whisper quiet in operation down to 23 dBA
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- The unit's compact dimensions makes it ideal for renovation projects, especially for above door installation
- Seasonal efficiency values: A+ in cooling and heating
- Thanks to the unique free hanging coil of the outdoor unit, the defrost cycle is improved, resulting in lower running costs and no ice buildup
- Also available in Siesta range, see page 145

FTXL-JV

RXL-M3

ARC433A87

Efficiency data				**FTXL + RXL**	**25JV + 25M3**	**35JV + 35M3**
Cooling capacity	Min./Nom./Max.			kW	1.2/2.5/3.4	1.3/3.5/3.8
Heating capacity	Min./Nom./Max.			kW	1.1/3.2/5.5 / 3.24 (1)	1.2/3.8/6.0 / 3.62 (1)
Power input	Cooling	Min./Nom./Max.		kW	0.290/0.801/1.300	0.290/1.140/1.300
	Heating	Min./Nom./Max.		kW	0.240/0.722/2.142	0.240/0.902/2.890
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+	
		Pdesign		kW	2.50	3.50
		SEER			6.01	5.87
		Annual energy consumption		kWh	146	209
	Heating (Average climate)	Energy efficiency class			A+	
		Pdesign		kW	2.50	3.00
		SCOP/A			4.37	4.21
		Annual energy consumption		kWh	799	998
Nominal efficiency	EER				3.12 (2)	3.07 (2)
	COP				4.43 (2)	4.21 (2)
	Annual energy consumption			kWh	400.5	570
	Energy labeling Directive	Cooling/Heating			B/A	A/A

Indoor unit				**FTXL**	**25JV**	**35JV**
Dimensions	Unit	HeightxWidthxDepth		mm	283x770x198	
Weight	Unit			kg	8	
Air filter	Type				Removable / washable / mildew proof	
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	9.3/6.1/4.9	
	Heating	High/Low/Silent operation		m^3/min	10.1/6.7/5.7	
Sound power level	Cooling			dBA	57	
	Heating			dBA	57	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	41/27/23	
	Heating	High/Low/Silent operation		dBA	41/29/26	
Control systems	Infrared remote control				ARC433A87	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	

Outdoor unit				**RXL**	**25M3**	**35M3**
Dimensions	Unit	HeightxWidthxDepth		mm	550x858x330	
Weight	Unit			kg	40	
Sound power level	Cooling			dBA	61	
	Heating			dBA	61	
Sound pressure level	Cooling	High/Low		dBA	48/44	
	Heating	High/Low		dBA	49/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-25~18	
Refrigerant	Type				R-410A	
	Charge			kg	1	
				TCO_2eq	2.1	
	GWP				2,087.5	
Piping connections	Liquid	OD		mm	6.35	
	Gas	OD		mm	9.5	
	Piping length	OU - IU	Max.	m	-	
		System	Chargeless	m	10	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)	
	Level difference	IU - OU	Max.	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	

(1) Maximum heating capacity at -15°C outdoor temperature (2) EER/COP according to Eurovent 2012, for use outside EU only
(3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more information on each combination, please refer to the electrical data drawing.

Floor standing unit with radiant heat panel

Stylish floor standing unit with radiant heat panel for comfortable heat and very low noise, even at ambient temperatures **down to -25°C**

- The aluminium part of the front panel of the Nexura indoor unit has the capability of warming up, just like a traditional radiator, to add even more comfort on cold days
- The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- Can be installed against a wall or recessed
- Its low height enables the unit to fit perfectly beneath a window
- Online controller: control your indoor from any location with an app, via your local network or internet
- Seasonal efficiency values up to A++ in cooling and heating
- Guaranteed heating capacity at low ambient temperature, down to -25°C

- Thanks to the unique free hanging coil technology, the defrost cycle is improved, resulting in lower running costs and no ice buildup

Efficiency data				**FVXG + RXLG**	**25K + 25M**	**35K + 35M**
Cooling capacity	Min./Nom./Max.			kW	1.2/2.5/5.1	1.4/3.5/5.6
Heating capacity	Min./Nom./Max.			kW	1.0/4.5/6.5 / 3.5 (1)	1.1/5.6/7.0 / 4.0 (1)
Power input	Cooling	Min./Nom./Max.		kW	0.250/0.710/1.850	0.250/1.020/2.040
	Heating	Min./Nom./Max.		kW	0.250/1.160/1.840	0.250/1.550/2.350
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++	
		Pdesign		kW	2.50	3.50
		SEER			6.99	6.59
		Annual energy consumption		kWh	131	186
	Heating (Average climate)	Energy efficiency class			A+	
		Pdesign		kW	3.00	3.40
		SCOP/A			4.25	4.01
		Annual energy consumption		kWh	988	1,187
Nominal efficiency	EER				3.52 (2)	3.43 (2)
	COP				3.88 (2)	3.61 (2)
	Annual energy consumption			kWh	355	510
	Energy labeling Directive	Cooling/Heating			A/A	

Indoor unit				**FVXG**	**25K**	**35K**
Dimensions	Unit	HeightxWidthxDepth		mm	600x950x215	
Weight	Unit			kg	22	
Air filter	Type				Removable / washable / mildew proof	
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	8.9/5.3/4.5	9.1/5.3/4.5
	Heating	High/Low/Silent operation		m^3/min	9.9/5.7/4.7	10.2/5.8/5.0
Sound power level	Cooling			dBA	52	
	Heating			dBA	53	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	38/26/23	39/27/24
	Heating	High/Low/Silent operation/Radiant heat		dBA	39/26/22/19	40/27/23/19
Control systems	Infrared remote control				ARC466A2	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	

Outdoor unit				**RXLG**	**25M**	**35M**
Dimensions	Unit	HeightxWidthxDepth		mm	550x858x330	
Weight	Unit			kg	40	
Sound power level	Cooling			dBA	61	
	Heating			dBA	61	
Sound pressure level	Cooling	High/Low		dBA	48/44	
	Heating	High/Low		dBA	49/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-25~18	
Refrigerant	Type				R-410A	
	Charge			kg	1	
				TCO_2eq	2.1	
	GWP				2,087.5	
Piping connections	Liquid	OD		mm	6.35	
	Gas	OD		mm	9.5	
	Piping length	OU - IU	Max.	m	20	
		System	Chargeless	m	10	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)	
	Level difference	IU - OU	Max.	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	

(1) Maximum heating capacity at -15°C outdoor temperature (2) EER/COP according to Eurovent 2012, for use outside EU only
(3) When connected to a multi outdoor unit, the sound pressure level in silent operation and radiant heat equals above values + 1dB.

Floor standing unit

Floor standing unit for optimal heating comfort thanks to dual airflow, even at ambient temperatures **down to -25°C**

- Can be installed against a wall or recessed
- Its low height enables the unit to fit perfectly beneath a window
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Whisper quiet in operation down to 23 dBA
- Seasonal efficiency values up to A+ in cooling and heating
- Whisper quiet operation: down to 23dBA sound pressure level

FVXS-F

RXL-M3

ARC452A1

Efficiency data				FVXS + RXL	25F + 25M3	35F + 35M3
Cooling capacity	Min./Nom./Max.			kW	1.2/2.5/5.1	1.4/3.5/5.6
Heating capacity	Min./Nom./Max.			kW	1.0/4.5/6.5 / 3.4 (1)	1.1/5.6/7.0 / 3.8 (1)
Power input	Cooling	Min./Nom./Max.		kW	0.250/0.740/1.920	0.250/1.070/2.120
	Heating	Min./Nom./Max.		kW	0.250/1.190/2.330	0.250/1.620/2.650
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A	
		Pdesign		kW	2.50	3.50
		SEER			5.10	5.21
		Annual energy consumption		kWh	173	235
	Heating (Average climate)	Energy efficiency class			A+	A
		Pdesign		kW	2.90	3.20
		SCOP/A			4.01	3.77
		Annual energy consumption		kWh	1,012	1,187
Nominal efficiency	EER				3.38 (2)	3.27 (2)
	COP				3.78 (2)	3.46 (2)
	Annual energy consumption			kWh	370	535
	Energy labeling Directive	Cooling/Heating			A/A	

Indoor unit				FVXS	25F	35F
Dimensions	Unit	HeightxWidthxDepth		mm	600x700x210	
Weight	Unit			kg	14	
Air filter	Type				Removable / washable / mildew proof	
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	8.2/4.8/4.1	8.5/4.9/4.5
	Heating	High/Low/Silent operation		m^3/min	8.8/5.0/4.4	9.4/5.2/4.7
Sound power level	Cooling			dBA	52	
	Heating			dBA	52	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	38/26/23	39/27/24
	Heating	High/Low/Silent operation		dBA	38/26/23	39/27/24
Control systems	Infrared remote control				ARC452A1	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	

Outdoor unit				RXL	25M3	35M3
Dimensions	Unit	HeightxWidthxDepth		mm	550x858x330	
Weight	Unit			kg	40	
Sound power level	Cooling			dBA	61	
	Heating			dBA	61	
Sound pressure level	Cooling	High/Low		dBA	48/44	
	Heating	High/Low		dBA	49/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-25~18	
Refrigerant	Type				R-410A	
	Charge			kg	1	
				TCO_2eq	2.1	
	GWP				2,087.5	
Piping connections	Liquid	OD		mm	6.35	
	Gas	OD		mm	9.5	
	Piping length	OU - IU	Max.	m	-	
		System	Chargeless	m	10	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)	
	Level difference	IU - OU	Max.	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	

(1) Maximum heating capacity at -15°C outdoor temperature (2) EER/COP according to Eurovent 2012, for use outside EU only
(3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

Siesta wall mounted unit providing high efficiency and comfort, even at ambient temperatures **down to -25°C**

- Guaranteed heating capacity at low ambient temperature, down to -25°C
- Whisper quiet in operation down to 23 dBA
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- The unit's compact dimensions makes it ideal for renovation projects, especially for above door installation
- Seasonal efficiency values up to A+ in cooling and heating

ATXL-JV

ARXL-M

ARC433A87

Efficiency data				**ATXL + ARXL**	**25JV + 25M**	**35JV + 35M**
Cooling capacity	Min./Nom./Max.			kW	1.2/2.5/3.4	1.3/3.5/3.8
Heating capacity	Min./Nom./Max.			kW	1.1/3.2/5.5 / 3.14	1.2/3.8/6.0 / 3.54
Power input	Cooling	Min./Nom./Max.		kW	0.29/0.80/1.30	0.29/1.14/1.30
	Heating	Min./Nom./Max.		kW	0.24/0.72/2.14	0.24/0.90/2.89
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+	
		Pdesign		kW	2.50	3.50
		SEER			6.01	5.87
		Annual energy consumption		kWh	146	209
	Heating (Average climate)	Energy efficiency class			A+	
		Pdesign		kW	2.50	3.00
		SCOP/A			4.37	4.21
		Annual energy consumption		kWh	799	998
Nominal efficiency	EER				3.12	3.07
	COP				4.43	4.21
	Annual energy consumption			kWh	400.5	570
	Energy labeling Directive	Cooling/Heating			B/A	

Indoor unit				**ATXL**	**25JV**	**35JV**
Dimensions	Unit	HeightxWidthxDepth		mm	283x770x198	
Weight	Unit			kg	8	
Air filter	Type				Removable / washable / mildew proof	
Fan - Air flow rate	Cooling	High/Low/Silent operation		m^3/min	9.3/6.1/4.9	
	Heating	High/Low/Silent operation		m^3/min	10.1/6.7/5.7	
Sound power level	Cooling			dBA	57	
	Heating			dBA	57	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	41/27/23	
	Heating	High/Low/Silent operation		dBA	41/29/26	
Control systems	Infrared remote control				ARC433A87	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	

Outdoor unit				**ARXL**	**25M**	**35M**
Dimensions	Unit	HeightxWidthxDepth		mm	550x858x330	
Weight	Unit			kg	40	
Sound power level	Cooling			dBA	61	
	Heating			dBA	61	
Sound pressure level	Cooling	High/Low		dBA	48/44	
	Heating	High/Low		dBA	49/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-25~18	
Refrigerant	Type				R-410A	
	Charge			kg	1	
				TCO_2eq	2.1	
	GWP				2,087.5	
Piping connections	Liquid	OD		mm	6.35	
	Gas	OD		mm	9.5	
	Piping length	OU - IU	Max.	m	15	
		System	Chargeless	m	10	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)	
	Level difference	IU - OU	Max.	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	

(1) EER/COP according to Eurovent 2012, for use outside EU only
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

		R-32			R-32 and R-410A		Siesta R-32	
	INDOOR UNITS	**FTXZ-N**	**FTXJ-MW/S**	**C/FTXM-M**	**FDXM-F3**	**FTXP-K3**	**ATXM-M**	**ATXP-K3**
Individual control systems	**BRC1E53A/B/C (3)(4)(5)** Premium wired remote control with full-text interface and back-light				•			
	BRC073 (9) Wired remote control (cord for wired remote control required)	•	•	•		•	•	•
	BRC2E52C Simplified remote control (with operation mode selector button)							
	BRC2C51 Simplified remote control				•			
	BRC3A61 Remote control for hotel use				•			
	BRC4C65 Infrared remote control				• (10)			
Centralised control systems	**DCC601A51** Centralised controller with cloud connection by using the adapter KRP928*	•					•	
	Online controller (1)	BRP069A42	standard included	BRP069A41		BRP069A45	BRP069A41	BRP069A45
	DCS302C51 Central remote control	•	•	•			•	
	DCS301B51 Unified ON/OFF control	•	•	•			•	
	DST301BA51 Schedule timer	•	•	•	•		•	
Building Management System & Standard protocol interface	**DCM601A5A** Intelligent Touch Manager	•	•	•		•	•	•
	EKMBDXA Modbus interface	•						
	RTD-RA (9) Modbus gateway	•						
	KLIC-DD (9) KNX Interface	•						

*Note: blue cells combination to be confirmed

(1) Can be used only in combination with KRP980A1
(2) WLAN installation kit include interface adapter PCB
(3) BRC1E53A: included languages: English, German, French, Italian, Spanish, Dutch, Greek, Russian, Turkish, Portuguese, Polish
(4) BRC1E53B: included languages: English, German, Czech, Hungarian, Romanian, Slovenian, Bulgarian, Slovak, Serbian, Albanian
(5) BRC1E53C: included languages
(6) Installation box for adapter PCB is necessary. Hour meter is field supply and should not be installed inside the equipment.
(7) Installation box for adapter PCB is necessary. They require mounting plate KRP4A96, maximmaly 2 optional PCBs can be mounted.
(8) Only in combination with simplified remote control BRC2E52C or BRC3E52C.
(9) Wiring adapter supplied by Daikin. Time clock and other devices: to be purchased locally.
(10) Standard there is no remote control delivered with this indoor unit. Wired or infrared control to be ordered separately.
(11) Standard delivered with the unit.

		R-32			R-32 and R-410A		Siesta R-32	
	INDOOR UNITS	**FTXZ-N**	**FTXJ-MW/MS**	**FTXM-M**	**FDXM-F3**	**FTXP-K3**	**ATXM-M**	**ATXP-K3**
Adapters	**BRP7A54 (7)(8)** Adapter PCB for interlock (key card, …)				•			
	BRP069A45 WIFI adapter fro smart phone					•	BRP069A41	•
	KRP1B56 Adapter for wiring				•			
	KRP413A1S (9) Adapter for wiring normal open contact/normal open pulse contact (time clock and other devices to be purchased locally)	•	•	•			•	
	KRP4A54 Adapter for external ON/OFF and monitoring for electrical appendices				•			
	KRP2A53 Wiring adapter for electrical appendices				•			
	Installation box for adapter PCBs (when there is no space in the switchbox)				KRP1BA101			
	KRP980A1 Interface adapter for wired remote control							
	KRP928A2S (9) Interface adapter for DIII-net	•	•	•		•	•	•
	DTA114A61 Multi tenant				•			
	KRCS01-4 External wired temperature sensor							
Filter	**KEK26-1A** **Noise filter (for electromagnetic use only)**				•			
Others	**Anti-theft protection for remote control**		KKF910A4					
	KRCS01-4B External wired temperature sensor				•			
	BRCW901A03 Cord for wired remote control - 3m		•	•		•	•	•
	BRCW901A08 Cord for wired remote control - 8m		•	•		•	•	•
	BKS028 Installation leg							
	KDT25N32/KDT25N50/ KDT25N63 Installation kit for high humidity				•			
	KJB212A Electrical box with earth terminal (2 blocks)				•			
	KJB311A Electrical box with earth terminal (3 blocks)				•			

*Note: blue cells combination to be confirmed

Options - Split
Standard range

	INDOOR UNITS	R-410A												
		FTXG-LW/S	C/FTXS-K	FTX-KN	FTX-J3	FTX-GV	FTXK-AW/S	FTXB-C	FVXG-K	FVXS-F	FLXS-B(9)	FTXLS-K3	FTXL-JV	FDBQ-B
Individual control systems	**BRC1E53A/B/C (3)(4)(5)** Premium wired remote control with full-text interface and back-light													●
	BRC073 (9) Wired remote control (cord for wired remote control required)	●	●	●	●	●			●	●	●		●	
	BRC2E52C Simplified remote control (with operation mode selector button)													●
	BRC2C51 Simplified remote control													
	BRC3E52C Simplified remote control (without operation mode selector button)													●
	BRC3A61 Remote control for hotel use													
	BRC4C65 Infrared remote control													
Centralised control systems	**DCC601A51** Centralised controller with cloud connection by using the adapter KRP928*				●	●	●		●	●	●		●	●
	Online controller	BRP069A41	BRP069A43 (CTXS15-35, FTXS20-25) BRP069A42 (FTXS35-50)	BRP069A45	BRP069A43	BRP069A42			BRP069A42	BRP069A42	BRP069A42	BRP069A42	BRP069A43	
	DCS302C51 Central remote control	●	●									●		
	DCS301B51 Unified ON/OFF control	●	●									●		
	DST301BA51 Schedule timer	●	●									●		
Building Management System & Standard protocol interface	**DCM601A5A** Intelligent Touch Manager	●	●	●	●	●			●	●	●	●		●
	EKMBDXA Modbus interface													
	RTD-RA (9) Modbus gateway	●	●	●	●	●			●	●	●	●	●	●
	KLIC-DD (9) **K**NX Interface	●	●	●	●	●			●	●	●	●	●	●

(1) Can be used only in combination with KRP980A1
(2) WLAN installation kit include interface adapter PCB
(3) BRC1E53A: included languages: English, German, French, Italian, Spanish, Dutch, Greek, Russian, Turkish, Portuguese, Polish
(4) BRC1E53B: included languages: English, German, Czech, Hungarian, Romanian, Slovenian, Bulgarian, Slovak, Serbian, Albanian
(5) BRC1E53C: included languages
(6) Installation box for adapter PCB is necessary. Hour meter is field supply and should not be installed inside the equipment.
(7) Installation box for adapter PCB is necessary. They require mounting plate KRP4A96, maximmaly 2 optional PCBs can be mounted.
(8) Only in combination with simplified remote control BRC2E52C or BRC3E52C.
(9) Wiring adapter supplied by Daikin. Time clock and other devices: to be purchased locally.
(10) Standard there is no remote control delivered with this indoor unit. Wired or infrared control to be ordered separately.
(11) Standard delivered with the unit.

	INDOOR UNITS	R-410A												
		FTXG-LW/S	C/FTXS-K	FTX-KN	FTX-J3	FTX-GV	FTXK-AW/S	FTXB-C	FVXG-K	FVXS-F	FLXS-B(9)	FTXLS-K3	FTXL-JV	FDBQ-B
Adapters	**BRP7A54 (7)(8)** Adapter PCB for interlock (key card, …)													●
	BRP069A45 WIFI adapter fro smart phone			BRP069A42										
	KRP1B56 Adapter for wiring													
	EKRP1B2 (6) Adapter for wiring (hour meter)													●
	KRP413A1S (9) Adapter for wiring normal open contact/normal open pulse contact (time clock and other devices to be purchased locally)	●	●						●	●	●	●		
	KRP4A54 Adapter for external ON/OFF and monitoring for electrical appendices													
	KRP2A53 Wiring adapter for electrical appendices													
	Installation box for adapter PCBs (when there is no space in the switchbox)													
	KRP980A1 Interface adapter for wired remote control		class 15-20-25		●								●	●
	KRP928A 2S (9) Interface adapter for DIII-net	●	●	●	●	●			●	●	●	●		●
	DTA114A61 Multi tenant													
	KRCS01-4 External wired temperature sensor													
Filter	**KEK26-1A** **Noise filter (for electromagnetic use only)**													
Others	**Anti-theft protection for remote control**	KKF910A4	KKF910A4		KKF917AA4				KKF910A4			KKF910A4	KKF917A4	
	KRCS01-4B External wired temperature sensor													
	BRCW901A03 Cord for wired remote control - 3m	●	●	●	●	●			●	●	●	●	●	●
	BRCW901A08 Cord for wired remote control - 8m	●	●	●	●	●			●	●	●	●	●	●
	BKS028 Installation leg								●					
	KDT25N32/KDT25N50/ KDT25N63 Installation kit for high humidity													
	KJB212A Electrical box with earth terminal (2 blocks)													
	KJB311A Electrical box with earth terminal (3 blocks)													

Options - Split
Standard Siesta range

	INDOOR UNITS	Siesta R-410A					
		ATXS-K	ATX-J3	ATX-KV	ATXN-NB9	ATXB-C	ATXL-JV
Individual control systems	**BRC1E53A/B/C (3)(4)(5)** Premium wired remote control with full-text interface and back-light						
	BRC073 (9) Wired remote control (cord for wired remote control required)	•	•	•			•
	BRC2E52C Simplified remote control (with operation mode selector button)						
	BRC2C51 Simplified remote control						
	BRC3E52C Simplified remote control (without operation mode selector button)						
	BRC3A61 Remote control for hotel use						
	BRC4C65 Infrared remote control						
Centralised control systems	**DCC601A51** Centralised controller with cloud connection by using the adapter KRP928*	•	•	•		•	•
	Online controller	BRP069A43 (class 20-25), BRP069A42 (class 35-50)	BRP069A43	BRP069A45			BRP069A43
	DCS302C51 Central remote control	•					
	DCS301B51 Unified ON/OFF control	•					
	DST301BA51 Schedule timer						
Building Management System & Standard protocol interface	**DCM601A5A** Intelligent Touch Manager	•	•	•			
	EKMBDXA Modbus interface						
	RTD-RA (9) Modbus gateway	•	•	•			•
	KLIC-DD (9) **K**NX Interface	•	•	•			•

(1) Can be used only in combination with KRP980A1
(2) WLAN installation kit include interface adapter PCB
(3) BRC1E53A: included languages: English, German, French, Italian, Spanish, Dutch, Greek, Russian, Turkish, Portuguese, Polish
(4) BRC1E53B: included languages: English, German, Czech, Hungarian, Romanian, Slovenian, Bulgarian, Slovak, Serbian, Albanian
(5) BRC1E53C: included languages
(6) Installation box for adapter PCB is necessary. Hour meter is field supply and should not be installed inside the equipment.
(7) Installation box for adapter PCB is necessary. They require mounting plate KRP4A96, maximmaly 2 optional PCBs can be mounted.
(8) Only in combination with simplified remote control BRC2E52C or BRC3E52C.
(9) Wiring adapter supplied by Daikin. Time clock and other devices: to be purchased locally.
(10) Standard there is no remote control delivered with this indoor unit. Wired or infrared control to be ordered separately.
(11) Standard delivered with the unit.

		Siesta R-410A					
	INDOOR UNITS	**ATXS-K**	**ATX-J3**	**ATX-KV**	**ATXN-NB9**	**ATXB-C**	**ATXL-JV**
Adapters	**BRP7A54 (7)(8)** Adapter PCB for interlock (key card, …)						
	BRP069A45 WIFI adapter fro smart phone						BRP069A43
	KRP1B56 Adapter for wiring						
	EKRP1B2 (6) Adapter for wiring (hour meter)						
	KRP413A1S (9) Adapter for wiring normal open contact/normal open pulse contact (time clock and other devices to be purchased locally)	●					
	KRP4A54 Adapter for external ON/OFF and monitoring for electrical appendices						
	KRP2A53 Wiring adapter for electrical appendices						
	Installation box for adapter PCBs (when there is no space in the switchbox)						
	KRP980A1 Interface adapter for wired remote control	class (20-25)	●				●
	KRP928B2S (9) Interface adapter for DIII-net	●	●	●			
	DTA114A61 Multi tenant						
	KRCS01-4 External wired temperature sensor						
Filter	**KEK26-1A** **Noise filter (for electromagnetic use only)**						
Others	**Anti-theft protection for remote control**	KKF910A4	KKF910A4				
	KRCS01-4B External wired temperature sensor						
	BRCW901A03 Cord for wired remote control - 3m	●	●	●			●
	BRCW901A08 Cord for wired remote control - 8m	●	●	●			●
	BKS028 Installation leg						
	KDT25N32/KDT25N50/ KDT25N63 Installation kit for high humidity						
	KJB212A Electrical box with earth terminal (2 blocks)						
	KJB311A Electrical box with earth terminal (3 blocks)						

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
2MXM40M2V1B	1,5	1,50	---	1,30	1,50	2,00	0,33	0,31	0,40	1,78	1,70	2,17	79	---	---	---	---	---	---	---
	2,0	2,00	---	1,30	2,00	2,40	0,33	0,44	0,57	1,78	2,38	3,09	79	---	---	---	---	---	---	---
	2,5	2,50	---	1,30	2,50	3,00	0,33	0,61	0,80	1,78	3,33	4,40	79	---	---	---	---	---	---	---
	3,5	3,50	---	1,30	3,50	4,00	0,33	1,04	1,35	1,78	5,71	7,38	79	---	---	---	---	---	---	---
	1.5+1.5	1,50	1,50	1,50	3,00	3,60	0,31	0,60	0,73	1,67	3,33	4,00	79	4,97	A	302	A+++	8,66	3,00	122
	1.5+2.0	1,50	2,00	1,50	3,50	4,00	0,31	0,79	0,91	1,67	4,35	4,98	79	4,43	A	396	A+++	8,60	3,50	143
	1.5+2.5	1,50	2,50	1,50	4,00	4,20	0,31	0,98	1,03	1,67	5,37	5,64	79	4,10	A	488	A+++	8,55	4,00	164
	1.5+3.5	1,20	2,80	1,50	4,00	4,40	0,31	0,96	1,06	1,67	5,30	5,83	79	4,16	A	481	A++	8,26	4,00	170
	2.0+2.0	2,00	2,00	1,50	4,00	4,20	0,31	0,97	1,02	1,67	5,34	5,61	79	4,13	A	486	A+++	8,53	4,00	165
	2.0+2.5	1,78	2,22	1,50	4,00	4,30	0,31	0,96	1,04	1,67	5,30	5,70	79	4,16	A	481	A+++	8,50	4,00	165
	2.0+3.5	1,45	2,55	1,50	4,00	4,50	0,31	0,95	1,08	1,67	5,25	5,91	79	4,20	A	477	A++	8,19	4,00	171
	2.5+2.5	2,00	2,00	1,50	4,00	4,40	0,31	0,96	1,06	1,67	5,27	5,80	79	4,18	A	479	A++	8,36	4,00	168
	2.5+3.5	1,67	2,33	1,50	4,00	4,60	0,31	0,94	1,09	1,67	5,20	5,98	79	4,24	A	472	A++	8,11	4,00	173

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
2MXM40M2V1B	1,5	2,00	---	1,00	2,00	3,45	0,26	0,68	1,19	1,43	3,66	5,69	79	---	---	---	---	---	---	---
	2,0	3,00	---	1,00	3,00	3,70	0,26	0,83	1,24	1,43	4,52	6,78	79	---	---	---	---	---	---	---
	2,5	3,40	---	1,00	3,40	4,10	0,26	1,02	1,48	1,43	5,59	8,09	79	---	---	---	---	---	---	---
	3,5	3,80	---	1,00	3,80	4,40	0,26	1,28	1,71	1,43	7,02	9,40	79	---	---	---	---	---	---	---
	1.5+1.5	1,75	1,75	1,20	3,50	4,30	0,24	0,80	0,99	1,31	4,43	5,45	79	4,35	A	A++	4,62	3,00	908	0,50
	1.5+2.0	1,63	2,17	1,20	3,80	4,50	0,24	0,88	1,04	1,31	4,85	5,75	79	4,32	A	A++	4,61	3,20	972	0,70
	1.5+2.5	1,58	2,63	1,20	4,20	4,60	0,24	1,00	1,10	1,31	5,53	6,06	79	4,18	A	A++	4,60	3,20	972	0,60
	1.5+3.5	1,26	2,94	1,20	4,20	4,70	0,24	0,96	1,08	1,31	5,29	5,92	79	4,37	A	A++	4,63	3,20	968	0,50
	2.0+2.0	2,10	2,10	1,30	4,20	4,60	0,24	0,98	1,08	1,31	5,41	5,93	79	4,28	A	A++	4,64	3,20	966	0,60
	2.0+2.5	1,87	2,33	1,30	4,20	4,70	0,24	0,97	1,09	1,31	5,36	6,00	79	4,32	A	A++	4,60	3,20	973	0,50
	2.0+3.5	1,53	2,67	1,30	4,20	4,80	0,24	0,95	1,09	1,31	5,25	6,00	79	4,41	A	A++	4,60	3,20	974	0,40
	2.5+2.5	2,10	2,10	1,30	4,20	4,70	0,24	0,96	1,08	1,31	5,29	5,92	79	4,37	A	A++	4,60	3,20	974	0,50
	2.5+3.5	1,75	2,45	1,30	4,20	4,80	0,24	0,94	1,08	1,31	5,19	5,94	79	4,46	A	A++	4,61	3,20	971	0,40

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
2MXM50M2V1B	1,5	1,50	---	1,40	1,50	2,20	0,31	0,32	0,52	1,53	1,55	2,53	89	---	---	---	---	---	---	---
	2,0	2,00	---	1,40	2,00	2,60	0,31	0,47	0,69	1,53	2,25	3,37	89	---	---	---	---	---	---	---
	2,5	2,50	---	1,40	2,50	3,10	0,31	0,67	0,92	1,53	3,27	4,50	89	---	---	---	---	---	---	---
	3,5	3,50	---	1,40	3,50	4,00	0,31	1,09	1,42	1,53	5,32	6,95	89	---	---	---	---	---	---	---
	4,2	4,20	---	1,40	4,20	4,70	0,31	1,59	1,75	1,53	7,73	8,57	89	---	---	---	---	---	---	---
	5,0	5,00	---	1,60	5,00	5,30	0,33	1,30	1,44	1,64	6,33	7,01	89	---	---	---	---	---	---	---
	1.5+1.5	1,50	1,50	1,60	3,00	3,20	0,33	0,62	0,66	1,64	3,03	3,24	89	4,84	A	310	A+++	8,80	3,00	120
	1.5+2.0	1,50	2,00	1,60	3,50	3,70	0,33	0,76	0,80	1,64	3,71	3,93	89	4,61	A	380	A+++	8,74	3,50	141
	1.5+2.5	1,50	2,50	1,60	4,00	4,20	0,33	0,94	0,99	1,64	4,60	4,83	89	4,25	A	471	A+++	8,64	4,00	162
	1.5+3.5	1,50	3,50	1,60	5,00	5,00	0,33	1,25	1,25	1,64	6,10	6,10	89	4,01	A	624	A+++	8,52	5,00	206
	1.5+4.2	1,32	3,68	1,60	5,00	5,40	0,33	1,23	1,54	1,64	6,04	6,53	89	4,05	A	618	A+++	8,55	5,00	205
	1.5+5.0	1,15	3,85	1,80	5,00	5,50	0,33	1,23	1,68	1,64	5,99	6,59	89	4,08	A	613	A+++	8,50	5,00	206
	2.0+2.0	2,00	2,00	1,80	4,00	5,00	0,33	0,94	1,28	1,64	4,60	5,75	89	4,25	A	471	A+++	8,71	4,00	161
	2.0+2.5	2,00	2,50	1,80	4,50	5,10	0,33	1,07	1,31	1,64	5,23	5,93	89	4,21	A	535	A+++	8,67	4,50	182
	2.0+3.5	1,82	3,18	1,80	5,00	5,40	0,33	1,24	1,49	1,64	6,05	6,54	89	4,04	A	619	A+++	8,54	5,00	205
	2.0+4.2	1,61	3,39	1,80	5,00	5,50	0,33	1,23	1,51	1,64	6,01	6,62	89	4,07	A	615	A+++	8,54	5,00	205
	2.0+5.0	1,43	3,57	1,80	5,00	5,50	0,33	1,22	1,44	1,64	5,95	6,55	89	4,11	A	609	A+++	8,51	5,00	208
	2.5+2.5	2,50	2,50	1,80	5,00	5,30	0,33	1,25	1,42	1,64	6,10	6,47	89	4,01	A	624	A+++	8,53	5,00	205
	2.5+3.5	2,08	2,92	1,80	5,00	5,40	0,33	1,23	1,43	1,64	6,02	6,51	89	4,06	A	616	A+++	8,56	5,00	205
	2.5+4.2	1,87	3,13	1,80	5,00	5,50	0,33	1,22	1,45	1,64	5,98	6,58	89	4,09	A	612	A+++	8,57	5,00	204
	2.5+5.0	1,67	3,33	1,80	5,00	5,50	0,33	1,21	1,38	1,64	5,92	6,52	89	4,13	A	606	A+++	8,52	5,00	206
	3.5+3.5	2,50	2,50	1,80	5,00	5,40	0,33	1,22	1,42	1,64	5,95	6,43	89	4,11	A	609	A+++	8,57	5,00	205
	3.5+4.2	2,27	2,73	1,80	5,00	5,50	0,33	1,21	1,40	1,64	5,90	6,49	89	4,14	A	604	A+++	8,60	5,00	204
	3.5+5.0	2,06	2,94	1,80	5,00	5,50	0,33	1,20	1,34	1,64	5,85	6,44	89	4,18	A	599	A+++	8,52	5,00	206
	4.2+4.2	2,50	2,50	1,80	5,00	5,50	0,33	1,20	1,38	1,64	5,88	6,47	89	4,16	A	601	A+++	8,56	5,00	205

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
2MXM50M2V1B	1,5	2,00	---	1,10	2,00	3,45	0,29	0,68	1,01	1,44	3,31	4,66	89	---	---	---	---	---	---	---
	2,0	3,00	---	1,10	3,00	3,70	0,27	0,82	1,11	1,33	3,99	5,52	89	---	---	---	---	---	---	---
	2,5	3,40	---	1,10	3,40	4,10	0,25	0,99	1,29	1,23	4,81	6,54	89	---	---	---	---	---	---	---
	3,5	4,00	---	1,10	4,00	4,60	0,25	1,24	1,51	1,23	6,03	7,46	89	---	---	---	---	---	---	---
	4,2	4,60	---	1,10	4,60	5,10	0,23	1,49	1,72	1,12	7,27	8,85	89	---	---	---	---	---	---	---
	5,0	5,50	---	1,20	5,50	5,60	0,23	1,35	1,84	1,12	6,56	9,01	89	---	---	---	---	---	---	---
	1.5+1.5	2,00	2,00	1,20	4,00	4,54	0,23	0,87	0,99	1,12	4,27	4,85	89	4,58	A	A++	4,79	3,30	965	0,50
	1.5+2.0	1,89	2,51	1,20	4,40	4,89	0,23	1,02	1,13	1,12	4,97	5,53	89	4,33	A	A++	4,66	3,80	1140	0,80
	1.5+2.5	1,80	3,00	1,20	4,80	5,19	0,23	1,18	1,27	1,12	5,75	6,22	89	4,08	A	A++	4,64	3,80	1146	0,60
	1.5+3.5	1,56	3,64	1,20	5,20	5,70	0,25	1,28	1,40	1,23	6,25	6,86	89	4,07	A	A++	4,61	4,00	1214	0,60
	1.5+4.2	1,47	4,13	1,20	5,60	5,96	0,25	1,37	1,46	1,23	6,71	7,15	89	4,08	A	A++	4,62	4,10	1241	0,70
	1.5+5.0	1,29	4,31	1,20	5,60	6,16	0,25	1,37	1,50	1,23	6,68	7,35	89	4,10	A	A++	4,63	4,20	1269	0,80
	2.0+2.0	2,60	2,60	1,20	5,20	5,70	0,23	1,27	1,40	1,12	6,22	6,82	89	4,09	A	A++	4,61	4,00	1214	0,60
	2.0+2.5	2,49	3,11	1,20	5,60	5,80	0,23	1,37	1,42	1,12	6,68	6,92	89	4,10	A	A++	4,61	4,10	1244	0,70
	2.0+3.5	2,04	3,56	1,20	5,60	5,90	0,25	1,36	1,43	1,23	6,65	7,01	89	4,12	A	A++	4,61	4,20	1275	0,80
	2.0+4.2	1,81	3,79	1,20	5,60	6,00	0,25	1,36	1,46	1,23	6,63	7,11	89	4,13	A	A++	4,63	4,20	1268	0,80
	2.0+5.0	1,60	4,00	1,20	5,60	6,20	0,25	1,35	1,50	1,23	6,60	7,31	89	4,15	A	A++	4,68	4,20	1255	0,80
	2.5+2.5	2,80	2,80	1,20	5,60	5,80	0,23	1,37	1,42	1,12	6,71	6,95	89	4,08	A	A++	4,61	4,20	1275	0,80
	2.5+3.5	2,33	3,27	1,20	5,60	6,00	0,25	1,38	1,48	1,23	6,76	7,25	89	4,05	A	A++	4,62	4,20	1272	0,80
	2.5+4.2	2,09	3,51	1,20	5,60	6,10	0,25	1,39	1,49	1,23	6,79	7,40	89	4,03	A	A++	4,65	4,20	1265	0,80
	2.5+5.0	1,87	3,73	1,30	5,60	6,30	0,25	1,41	1,54	1,23	6,88	7,74	89	3,98	A	A++	4,71	4,20	1249	0,80
	3.5+3.5	2,80	2,80	1,30	5,60	6,10	0,25	1,40	1,52	1,23	6,83	7,44	89	4,01	A	A++	4,66	4,20	1262	0,80
	3.5+4.2	2,55	3,05	1,30	5,60	6,20	0,25	1,40	1,49	1,23	6,84	7,58	89	4,00	A	A++	4,67	4,20	1258	0,80
	3.5+5.0	2,31	3,29	1,30	5,60	6,40	0,25	1,42	1,53	1,23	6,95	7,95	89	3,94	A	A++	4,75	4,20	1238	0,80
	4.2+4.2	2,80	2,80	1,30	5,60	6,30	0,25	1,41	1,48	1,23	6,88	7,74	89	3,98	A	A++	4,70	4,20	1251	0,80

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)			Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
3MXM40N2V1B	1,50	1,50	---	---	1,40	1,50	2,20	0,32	0,35	0,46	1,52	1,63	2,2	91	---	---	---	---	---	---	---
	2,00	2,00	---	---	1,40	2,00	2,90	0,32	0,48	0,71	1,52	2,28	3,4	91	---	---	---	---	---	---	---
	2,50	2,50	---	---	1,40	2,50	3,10	0,32	0,64	0,82	1,52	3,05	3,9	91	---	---	---	---	---	---	---
	3,50	3,50	---	---	1,40	3,50	4,10	0,32	0,98	1,19	1,52	4,68	5,7	91	---	---	---	---	---	---	---
	1.5+1.5	1,50	1,50	---	1,60	3,00	4,20	0,34	0,59	1,14	1,63	2,82	5,44	91	5,12	A	293	A+++	8,64	3,00	122
	1.5+2.0	1,50	2,00	---	1,60	3,50	4,20	0,34	0,71	1,12	1,63	3,40	5,33	91	4,96	A	353	A+++	8,59	3,50	143
	1.5+2.5	1,50	2,50	---	1,60	4,00	4,20	0,34	0,86	1,10	1,63	4,11	5,33	91	4,68	A	427	A+++	8,51	4,00	164
	1.5+3.5	1,20	2,80	---	1,60	4,00	4,20	0,34	0,85	1,08	1,63	4,07	5,33	91	4,72	A	424	A+++	8,50	4,00	165
	2.0+2.0	2,00	2,00	---	1,60	4,00	4,50	0,34	0,84	1,09	1,63	4,02	5,22	91	4,76	A	420	A+++	8,52	4,00	165
	2.0+2.5	1,78	2,22	---	1,60	4,00	4,50	0,34	0,83	1,07	1,63	3,97	5,22	91	4,82	A	415	A+++	8,52	4,00	165
	2.0+3.5	1,45	2,55	---	1,60	4,00	4,50	0,34	0,83	1,03	1,63	3,97	5,22	91	4,86	A	412	A+++	8,50	4,00	165
	2.5+2.5	2,00	2,00	---	1,60	4,00	4,50	0,34	0,83	1,05	1,63	3,97	5,22	91	4,84	A	413	A+++	8,51	4,00	165
	2.5+3.5	1,67	2,33	---	1,60	4,00	4,50	0,34	0,82	1,01	1,63	3,92	5,22	91	4,88	A	410	A+++	8,50	4,00	165
	3.5+3.5	2,00	2,00	---	1,60	4,00	4,50	0,34	0,82	0,99	1,63	3,92	5,11	91	4,92	A	407	A+++	8,50	4,00	165
	1.5+1.5+1.5	1,33	1,33	1,33	1,70	4,00	4,60	0,36	0,78	0,98	1,74	3,73	4,68	91	5,18	A	386	A+++	8,55	4,00	164
	1.5+1.5+2.0	1,20	1,20	1,60	1,70	4,00	4,60	0,36	0,77	0,96	1,74	3,68	4,68	91	5,20	A	385	A+++	8,55	4,00	164
	1.5+1.5+2.5	1,09	1,09	1,82	1,70	4,00	4,60	0,36	0,77	0,94	1,74	3,68	4,68	91	5,22	A	383	A+++	8,54	4,00	164
	1.5+1.5+3.5	0,92	0,92	2,15	1,70	4,00	4,60	0,36	0,76	0,90	1,74	3,64	4,68	91	5,26	A	380	A+++	8,53	4,00	165
	1.5+2.0+2.0	1,09	1,45	1,45	1,70	4,00	4,60	0,36	0,77	0,92	1,74	3,68	4,68	91	5,25	A	381	A+++	8,53	4,00	164
	1.5+2.0+2.5	1,00	1,33	1,67	1,70	4,00	4,60	0,36	0,76	0,91	1,74	3,64	4,68	91	5,29	A	378	A+++	8,54	4,00	164
	1.5+2.0+3.5	0,86	1,14	2,00	1,70	4,00	4,60	0,36	0,76	0,89	1,74	3,64	4,68	91	5,31	A	377	A+++	8,53	4,00	165
	1.5+2.5+2.5	0,92	1,54	1,54	1,70	4,00	4,60	0,36	0,76	0,87	1,74	3,64	4,68	91	5,27	A	380	A+++	8,53	4,00	165
	2.0+2.0+2.0	1,33	1,33	1,33	1,70	4,00	4,60	0,36	0,76	0,85	1,74	3,64	4,68	91	5,30	A	378	A+++	8,52	4,00	214
	2.0+2.0+2.5	1,23	1,23	1,54	1,70	4,00	4,60	0,36	0,76	0,83	1,74	3,64	4,68	91	5,32	A	376	A+++	8,51	4,00	165
	2.0+2.5+2.5	1,14	1,43	1,43	1,70	4,00	4,60	0,36	0,75	0,81	1,74	3,59	4,68	91	5,35	A	374	A+++	8,50	4,00	165

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)			Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	C room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
3MXM40N2V1B	1,50	2,30	---	---	1,10	2,30	3,30	0,30	0,60	0,82	1,38	2,77	3,83	93	---	---	---	---	---	---	---
	2,00	2,70	---	---	1,10	2,70	3,70	0,30	0,76	1,23	1,38	3,51	5,75	93	---	---	---	---	---	---	---
	2,50	3,40	---	---	1,10	3,40	4,10	0,30	1,01	1,28	1,38	4,68	5,96	93	---	---	---	---	---	---	---
	3,50	4,20	---	---	1,10	4,20	4,80	0,30	1,42	1,71	1,38	6,60	7,98	93	---	---	---	---	---	---	---
	1.5+1.5	1,80	1,80	---	1,20	3,60	5,00	0,32	0,69	1,30	1,49	3,23	6,07	93	5,25	A	A++	4,60	3,60	1096	0,50
	1.5+2.0	1,54	2,06	---	1,20	4,00	5,00	0,32	0,76	1,28	1,49	3,23	5,96	93	5,29	A	A++	4,62	3,60	1091	0,50
	1.5+2.5	1,50	2,50	---	1,20	4,50	5,00	0,32	0,87	1,26	1,49	4,03	5,96	93	4,68	A	A+	4,39	4,20	1338	0,70
	1.5+3.5	1,38	3,22	---	1,20	4,60	5,00	0,32	0,98	1,22	1,49	4,59	5,96	93	4,72	A	A+	4,28	4,80	1570	0,80
	2.0+2.0	2,30	2,30	---	1,20	4,60	5,00	0,32	0,97	1,25	1,49	4,54	5,85	93	4,76	A	A+	4,24	4,80	1582	0,90
	2.0+2.5	2,04	2,56	---	1,20	4,60	5,00	0,32	0,98	1,23	1,49	4,59	5,85	93	4,72	A	A+	4,27	4,80	1572	0,90
	2.0+3.5	1,67	2,93	---	1,20	4,60	5,00	0,32	0,97	1,19	1,49	4,54	5,85	93	4,76	A	A+	4,30	4,80	1560	0,80
	2.5+2.5	2,30	2,30	---	1,20	4,60	5,00	0,32	0,96	1,21	1,49	4,49	5,85	93	4,84	A	A+	4,34	4,80	1548	0,90
	2.5+3.5	1,92	2,68	---	1,20	4,60	5,00	0,32	0,95	1,17	1,49	4,45	5,85	93	4,88	A	A+	4,37	4,80	1537	0,80
	3.5+3.5	2,30	2,30	---	1,20	4,60	5,00	0,32	0,94	1,15	1,49	4,40	5,75	93	4,92	A	A+	4,38	5,00	1598	0,90
	1.5+1.5+1.5	1,53	1,53	1,53	1,30	4,60	5,10	0,32	0,89	1,02	1,49	4,17	4,79	93	5,18	A	A++	4,65	5,00	1505	0,90
	1.5+1.5+2.0	1,38	1,38	1,84	1,30	4,60	5,10	0,32	0,89	1,01	1,49	4,17	4,79	93	5,2	A	A++	4,63	5,00	1511	0,90
	1.5+1.5+2.5	1,25	1,25	2,09	1,30	4,60	5,10	0,32	0,89	0,99	1,49	4,17	4,79	93	5,22	A	A++	4,61	5,00	1517	0,90
	1.5+1.5+3.5	1,06	1,06	2,48	1,30	4,60	5,10	0,32	0,88	0,97	1,49	4,12	4,79	93	5,26	A	A++	4,61	5,00	1518	0,90
	1.5+2.0+2.0	1,25	1,67	1,67	1,30	4,60	5,10	0,32	0,88	0,95	1,49	4,12	4,79	93	5,25	A	A++	4,60	5,00	1520	0,90
	1.5+2.0+2.5	1,15	1,53	1,92	1,30	4,60	5,10	0,32	0,87	0,93	1,49	4,07	4,79	93	5,29	A	A++	4,60	5,00	1521	0,90
	1.5+2.0+3.5	0,99	1,31	2,30	1,30	4,60	5,10	0,32	0,87	0,91	1,49	4,07	4,79	93	5,31	A	A++	4,62	5,00	1515	0,90
	1.5+2.5+2.5	1,06	1,77	1,77	1,30	4,60	5,10	0,32	0,88	0,87	1,49	4,12	4,79	93	5,27	A	A++	4,62	5,00	1513	0,90
	2.0+2.0+2.0	1,53	1,53	1,53	1,30	4,60	5,10	0,32	0,87	0,89	1,49	4,07	4,79	93	5,3	A	A++	4,60	5,00	1521	0,90
	2.0+2.0+2.5	1,42	1,42	1,77	1,30	4,60	5,10	0,32	0,87	0,86	1,49	4,07	4,79	93	5,32	A	A++	4,62	5,00	1515	0,90
	2.0+2.5+2.5	1,31	1,64	1,64	1,30	4,60	5,10	0,32	0,86	0,84	1,49	4,03	4,79	93	5,35	A	A++	4,63	5,00	1512	0,90

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)			Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room		Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
3MXM52N2V1B	1,5	1,50	---	---	1,40	1,50	2,40	0,34	0,36	0,63	1,50	1,62	2,86	96	---	---	---	---	---	---	---
	2,0	2,00	---	---	1,60	2,00	3,00	0,36	0,48	0,78	1,60	2,17	3,51	96	---	---	---	---	---	---	---
	2,5	2,50	---	---	1,60	2,50	3,20	0,36	0,64	0,87	1,62	2,89	3,92	96	---	---	---	---	---	---	---
	3,5	3,50	---	---	1,60	3,50	4,20	0,37	0,98	1,30	1,63	4,43	5,88	96	---	---	---	---	---	---	---
	4,2	4,20	---	---	1,60	4,20	4,60	0,37	1,21	1,49	1,63	5,47	6,70	96	---	---	---	---	---	---	---
	5,0	---	5,00	---	1,60	5,00	5,40	0,35	1,76	2,03	1,55	7,94	9,18	96	---	---	---	---	---	---	---
	1.5+1.5	1,50	1,50	---	1,70	3,00	4,70	0,35	0,55	1,32	1,55	2,50	5,98	96	5,48	A	274	A+++	8,64	3,00	122
	1.5+2.0	1,50	2,00	---	1,70	3,50	4,70	0,35	0,66	1,30	1,55	2,99	5,88	96	5,31	A	330	A+++	8,60	3,50	143
	1.5+2.5	1,50	2,50	---	1,70	4,00	5,00	0,35	0,78	1,92	1,55	3,54	8,66	96	5,16	A	388	A+++	8,54	4,00	164
	1.5+3.5	1,50	3,50	---	1,70	5,00	6,00	0,35	1,06	2,17	1,55	4,81	9,80	96	4,75	A	527	A+++	8,51	5,00	206
	1.5+4.2	1,37	3,83	---	1,70	5,20	6,10	0,35	1,10	2,26	1,55	4,99	10,21	96	4,74	A	549	A+++	8,51	5,20	214
	1.5+5.0	1,20	4,00	---	1,70	5,20	6,30	0,35	1,10	2,28	1,55	4,99	10,31	96	4,77	A	546	A+++	8,50	5,20	215
	2.0+2.0	2,00	2,00	---	1,70	4,00	6,00	0,35	0,85	2,25	1,55	3,85	10,16	96	4,72	A	424	A+++	8,52	4,00	165
	2.0+2.5	2,00	2,50	---	1,70	4,50	6,20	0,35	0,95	2,21	1,55	4,31	9,99	96	4,74	A	475	A+++	8,50	4,50	186
	2.0+3.5	1,89	3,31	---	1,70	5,20	6,30	0,35	1,10	2,30	1,55	4,99	10,38	96	4,76	A	547	A+++	8,53	5,20	214
	2.0+4.2	1,68	3,52	---	1,70	5,20	6,30	0,35	1,09	2,25	1,55	4,94	10,18	96	4,78	A	544	A+++	8,52	5,20	214
	2.0+5.0	1,49	3,71	---	1,70	5,20	6,50	0,35	1,09	2,19	1,55	4,94	9,89	96	4,80	A	542	A+++	8,51	5,20	214
	2.5+2.5	2,50	2,50	---	1,70	5,00	6,30	0,35	1,04	2,34	1,55	4,72	10,59	96	4,85	A	516	A+++	8,59	5,00	204
	2.5+3.5	2,17	3,03	---	1,70	5,20	6,30	0,35	1,09	2,28	1,55	4,94	10,31	96	4,78	A	544	A+++	8,58	5,20	213
	2.5+4.2	1,94	3,26	---	1,70	5,20	6,40	0,35	1,09	2,30	1,55	4,94	10,41	96	4,80	A	542	A+++	8,56	5,20	213
	2.5+5.0	1,73	3,47	---	1,70	5,20	6,50	0,35	1,06	2,14	1,55	4,81	9,68	96	4,92	A	529	A+++	8,53	5,20	214
	3.5+3.5	2,60	2,60	---	1,70	5,20	6,40	0,35	1,08	2,28	1,55	4,90	10,31	96	4,82	A	540	A+++	8,57	5,20	213
	3.5+4.2	2,36	2,84	---	1,70	5,20	6,40	0,35	1,08	2,26	1,55	4,90	10,21	96	4,83	A	539	A+++	8,55	5,20	213
	3.5+5.0	2,14	3,06	---	1,70	5,20	6,60	0,35	1,06	2,19	1,55	4,81	9,89	96	4,94	A	527	A+++	8,50	5,20	215
	4.2+4.2	2,60	2,60	---	1,70	5,20	6,50	0,35	1,07	2,24	1,55	4,85	10,11	96	4,88	A	533	A+++	8,54	5,20	213
	1.5+1.5+1.5	1,50	1,50	1,50	1,80	4,50	6,70	0,37	0,90	2,28	1,65	4,08	10,30	96	5,00	A	450	A+++	8,58	4,50	184
	1.5+1.5+2.0	1,50	1,50	2,00	1,80	5,00	6,70	0,37	1,06	2,26	1,65	4,81	10,20	96	4,76	A	526	A+++	8,51	5,20	214
	1.5+1.5+2.5	1,42	1,42	2,36	1,80	5,20	6,70	0,37	1,09	2,23	1,65	4,94	10,10	96	4,78	A	544	A+++	8,50	5,20	215
	1.5+1.5+3.5	1,20	1,20	2,80	1,90	5,20	6,80	0,37	1,09	2,28	1,65	4,94	10,30	96	4,81	A	541	A+++	8,50	5,20	215
	1.5+1.5+4.2	1,08	1,08	3,03	1,90	5,20	6,80	0,37	1,08	2,26	1,65	4,90	10,20	96	4,83	A	539	A+++	8,50	5,20	215
	1.5+1.5+5.0	0,98	0,98	3,25	2,00	5,20	7,10	0,35	1,05	2,17	1,55	4,76	9,80	96	4,98	A	523	A++	8,24	5,20	221
	1.5+2.0+2.0	1,42	1,89	1,89	1,80	5,20	6,70	0,37	1,10	2,21	1,65	4,99	10,00	96	4,77	A	546	A+++	8,50	5,20	215
	1.5+2.0+2.5	1,30	1,73	2,17	1,80	5,20	6,70	0,37	1,09	2,19	1,65	4,94	9,90	96	4,79	A	543	A+++	8,50	5,20	215
	1.5+2.0+3.5	1,11	1,49	2,60	1,90	5,20	6,80	0,37	1,08	2,23	1,65	4,90	10,10	96	4,82	A	540	A+++	8,50	5,20	215
	1.5+2.0+4.2	1,01	1,35	2,84	1,90	5,20	6,80	0,37	1,08	2,19	1,65	4,90	9,90	96	4,84	A	538	A+++	8,50	5,20	215
	1.5+2.0+5.0	0,92	1,22	3,06	2,00	5,20	7,20	0,35	1,04	2,15	1,55	4,72	9,70	96	5,01	A	519	A++	8,24	5,20	221
	1.5+2.5+2.5	1,20	2,00	2,00	1,80	5,20	6,70	0,37	1,09	2,17	1,65	4,94	9,80	96	4,81	A	541	A+++	8,52	5,20	214
	1.5+2.5+3.5	1,04	1,73	2,43	1,90	5,20	6,80	0,37	1,08	2,21	1,65	4,90	10,00	96	4,85	A	537	A+++	8,51	5,20	214
	1.5+2.5+4.2	0,95	1,59	2,66	1,90	5,20	6,80	0,37	1,07	2,19	1,65	4,85	9,90	96	4,87	A	534	A+++	8,50	5,20	214
	1.5+2.5+5.0	0,87	1,44	2,89	2,00	5,20	7,30	0,35	1,04	2,17	1,55	4,72	9,80	96	5,03	A	517	A++	8,17	5,20	223
	1.5+3.5+3.5	0,92	2,14	2,14	1,80	5,20	7,30	0,37	1,07	2,15	1,65	4,85	9,70	96	4,89	A	532	A+++	8,50	5,20	215
	2.0+2.0+2.0	1,73	1,73	1,73	1,80	5,20	7,00	0,37	1,07	2,22	1,65	4,85	10,05	96	4,87	A	534	A+++	8,51	5,20	214
	2.0+2.0+2.5	1,60	1,60	2,00	1,80	5,20	7,00	0,37	1,06	2,21	1,65	4,81	10,00	96	4,94	A	527	A+++	8,51	5,20	214
	2.0+2.0+3.5	1,39	1,39	2,43	1,90	5,20	7,20	0,39	1,05	2,17	1,75	4,76	9,80	96	4,96	A	525	A+++	8,50	5,20	214
	2.0+2.0+4.2	1,27	1,27	2,66	1,90	5,20	7,20	0,39	1,04	2,15	1,75	4,72	9,70	96	5,00	A	520	A+++	8,50	5,20	214
	2.0+2.0+5.0	1,16	1,16	2,89	2,00	5,20	7,30	0,37	1,03	2,19	1,65	4,67	9,91	96	5,05	A	515	A++	8,14	5,20	224
	2.0+2.5+2.5	1,49	1,86	1,86	1,80	5,20	7,10	0,39	1,05	2,12	1,75	4,76	9,60	96	4,98	A	523	A+++	8,51	5,20	214
	2.0+2.5+3.5	1,30	1,63	2,28	1,90	5,20	7,20	0,39	1,04	2,15	1,75	4,72	9,70	96	5,01	A	519	A+++	8,50	5,20	215
	2.0+2.5+4.2	1,20	1,49	2,51	1,90	5,20	7,20	0,39	1,04	2,14	1,75	4,72	9,65	96	5,03	A	517	A+++	8,50	5,20	214
	2.0+3.5+3.5	1,16	2,02	2,02	1,90	5,20	7,30	0,39	1,04	2,15	1,75	4,72	9,70	96	5,02	A	518	A+++	8,50	5,20	215
	2.5+2.5+2.5	1,73	1,73	1,73	1,90	5,20	7,10	0,39	1,04	2,19	1,75	4,72	9,90	96	5,00	A	520	A+++	8,50	5,20	215
	2.5+2.5+3.5	1,53	1,53	2,14	1,90	5,20	7,20	0,39	1,04	2,16	1,75	4,72	9,75	96	5,02	A	518	A+++	8,50	5,20	215

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)			Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	C room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
3MXM52N2V1B	1,5	2,30	---	---	1,10	2,30	3,40	0,30	0,57	1,09	1,34	2,55	4,94	96	---	---	---	---	---	---	---
	2,0	2,70	---	---	1,10	2,70	3,80	0,30	0,76	1,19	1,34	3,40	5,39	96	---	---	---	---	---	---	---
	2,5	3,40	---	---	1,10	3,40	4,00	0,30	1,01	1,24	1,34	4,54	5,62	96	---	---	---	---	---	---	---
	3,5	4,20	---	---	1,10	4,20	4,80	0,30	1,42	1,66	1,34	6,39	7,52	96	---	---	---	---	---	---	---
	4,2	4,80	---	---	1,10	4,80	5,60	0,30	1,62	2,03	1,34	7,32	9,18	96	---	---	---	---	---	---	---
	5,0	---	5,80	---	1,10	5,80	6,80	0,30	2,17	2,58	1,34	9,80	11,68	96	---	---	---	---	---	---	---
	1.5+1.5	1,80	1,80	---	1,20	3,60	5,80	0,32	0,67	1,62	1,44	3,04	7,34	96	5,42	A	A++	4,60	3,60	1095	0,5
	1.5+2.0	1,71	2,29	---	1,20	4,00	5,80	0,32	0,77	1,60	1,44	3,49	7,25	96	5,21	A	A++	4,65	3,60	1084	0,5
	1.5+2.5	1,69	2,81	---	1,20	4,50	6,90	0,32	0,91	2,26	1,44	4,13	10,24	96	4,96	A	A+	4,44	4,20	1325	0,7
	1.5+3.5	1,65	3,85	---	1,20	5,50	7,00	0,32	1,22	2,25	1,44	5,53	10,19	96	4,53	A	A+	4,30	4,80	1562	0,8
	1.5+4.2	1,58	4,42	---	1,20	6,00	7,00	0,32	1,42	2,23	1,44	6,44	10,10	96	4,24	A	A+	4,34	4,80	1546	0,8
	1.5+5.0	1,57	5,23	---	1,30	6,80	7,20	0,32	1,58	2,30	1,44	7,16	10,42	96	4,33	A	A+	4,47	4,80	1501	0,7
	2.0+2.0	3,40	3,40	---	1,20	6,80	7,00	0,32	1,59	2,26	1,44	7,21	10,24	96	4,28	A	A+	4,27	4,80	1573	0,9
	2.0+2.5	3,02	3,78	---	1,20	6,80	7,00	0,32	1,58	2,25	1,44	7,16	10,19	96	4,32	A	A+	4,30	4,80	1563	0,9
	2.0+3.5	2,47	4,33	---	1,20	6,80	7,10	0,32	1,57	2,26	1,44	7,12	10,24	96	4,34	A	A+	4,33	4,80	1552	0,8
	2.0+4.2	2,19	4,61	---	1,20	6,80	7,10	0,32	1,56	2,24	1,44	7,07	10,14	96	4,36	A	A+	4,36	4,80	1541	0,8
	2.0+5.0	1,94	4,86	---	1,40	6,80	7,20	0,32	1,53	2,28	1,44	6,93	10,32	96	4,46	A	A+	4,50	4,80	1492	0,7
	2.5+2.5	3,40	3,40	---	1,20	6,80	7,00	0,32	1,53	2,23	1,44	6,93	10,10	96	4,45	A	A+	4,38	4,80	1533	0,9
	2.5+3.5	2,83	3,97	---	1,30	6,80	7,20	0,32	1,53	2,35	1,44	6,93	10,64	96	4,46	A	A+	4,41	4,80	1523	0,8
	2.5+4.2	2,54	4,26	---	1,30	6,80	7,20	0,32	1,52	2,33	1,44	6,89	10,55	96	4,48	A	A+	4,45	4,80	1508	0,8
	2.5+5.0	2,27	4,53	---	1,40	6,80	7,40	0,32	1,50	2,33	1,44	6,80	10,52	96	4,54	A	A+	4,53	4,80	1482	0,7
	3.5+3.5	3,40	3,40	---	1,40	6,80	7,30	0,32	1,52	2,38	1,44	6,89	10,78	96	4,50	A	A+	4,40	5,00	1590	0,9
	3.5+4.2	3,09	3,71	---	1,40	6,80	7,30	0,32	1,51	2,36	1,44	6,84	10,69	96	4,52	A	A+	4,43	5,00	1579	0,9
	3.5+5.0	2,80	4,00	---	1,45	6,80	7,50	0,32	1,50	2,30	1,44	6,80	10,42	96	4,56	A	A+	4,52	5,00	1548	0,8
	4.2+4.2	3,40	3,40	---	1,40	6,80	7,30	0,32	1,50	2,35	1,44	6,80	10,62	96	4,55	A	A+	4,46	5,00	1569	0,9
	1.5+1.5+1.5	2,27	2,27	2,27	1,30	6,80	8,00	0,32	1,40	2,12	1,44	6,35	9,60	96	4,87	A	A++	4,60	5,00	1522	0,9
	1.5+1.5+2.0	2,04	2,04	2,72	1,30	6,80	8,00	0,32	1,40	2,10	1,44	6,35	9,51	96	4,88	A	A++	4,61	5,00	1517	0,9
	1.5+1.5+2.5	1,85	1,85	3,09	1,30	6,80	8,00	0,32	1,39	2,08	1,44	6,30	9,42	96	4,91	A	A++	4,63	5,00	1512	0,9
	1.5+1.5+3.5	1,57	1,57	3,66	1,40	6,80	8,10	0,32	1,38	2,13	1,44	6,25	9,65	96	4,94	A	A++	4,65	5,00	1506	0,9
	1.5+1.5+4.2	1,42	1,42	3,97	1,40	6,80	8,10	0,32	1,38	2,11	1,44	6,25	9,56	96	4,96	A	A++	4,66	5,00	1500	0,9
	1.5+1.5+5.0	1,28	1,28	4,25	1,60	6,80	8,30	0,32	1,32	2,09	1,44	5,98	9,47	96	5,18	A	A++	4,83	5,00	1448	0,8
	1.5+2.0+2.0	1,85	2,47	2,47	1,30	6,80	8,00	0,32	1,39	2,14	1,44	6,30	9,69	96	4,90	A	A++	4,62	5,00	1515	0,9
	1.5+2.0+2.5	1,70	2,27	2,83	1,30	6,80	8,00	0,32	1,38	2,12	1,44	6,25	9,60	96	4,93	A	A++	4,64	5,00	1509	0,9
	1.5+2.0+3.5	1,46	1,94	3,40	1,40	6,80	8,10	0,32	1,37	2,16	1,44	6,21	9,78	96	4,97	A	A++	4,65	5,00	1503	0,9
	1.5+2.0+4.2	1,32	1,77	3,71	1,40	6,80	8,10	0,32	1,36	2,14	1,44	6,16	9,69	96	5,00	A	A++	4,67	5,00	1498	0,9
	1.5+2.0+5.0	1,20	1,60	4,00	1,60	6,80	8,30	0,32	1,31	2,07	1,44	5,94	9,38	96	5,22	A	A++	4,85	5,00	1443	0,8
	1.5+2.5+2.5	1,57	2,62	2,62	1,30	6,80	8,00	0,32	1,38	2,12	1,44	6,25	9,60	96	4,95	A	A++	4,64	5,00	1507	0,9
	1.5+2.5+3.5	1,36	2,27	3,17	1,40	6,80	8,10	0,32	1,37	2,13	1,44	6,21	9,65	96	4,99	A	A++	4,66	5,00	1501	0,9
	1.5+2.5+4.2	1,24	2,07	3,48	1,40	6,80	8,10	0,32	1,36	2,11	1,44	6,16	9,56	96	5,01	A	A++	4,68	5,00	1495	0,9
	1.5+2.5+5.0	1,13	1,89	3,78	1,60	6,80	8,30	0,32	1,30	2,09	1,44	5,89	9,47	96	5,26	A	A++	4,86	5,00	1438	0,8
	1.5+3.5+3.5	1,20	2,80	2,80	1,30	6,80	8,20	0,32	1,36	2,14	1,44	6,16	9,69	96	5,02	A	A++	4,70	5,00	1489	0,9
	2.0+2.0+2.0	2,27	2,27	2,27	1,30	6,80	8,00	0,32	1,39	2,13	1,44	6,30	9,65	96	4,91	A	A++	4,61	5,00	1516	0,9
	2.0+2.0+2.5	2,09	2,09	2,62	1,30	6,80	8,00	0,32	1,38	2,11	1,44	6,25	9,56	96	4,95	A	A++	4,63	5,00	1510	0,9
	2.0+2.0+3.5	1,81	1,81	3,17	1,40	6,80	8,10	0,32	1,37	2,12	1,44	6,21	9,60	96	4,98	A	A++	4,66	5,00	1501	0,9
	2.0+2.0+4.2	1,66	1,66	3,48	1,40	6,80	8,10	0,32	1,36	2,10	1,44	6,16	9,51	96	5,01	A	A++	4,68	5,00	1496	0,9
	2.0+2.0+5.0	1,51	1,51	3,78	1,60	6,80	8,30	0,32	1,29	2,08	1,44	5,85	9,42	96	5,30	A	A++	4,88	5,00	1434	0,8
	2.0+2.5+2.5	1,94	2,43	2,43	1,30	6,80	8,00	0,32	1,37	2,09	1,44	6,21	9,47	96	4,99	A	A++	4,64	5,00	1508	0,9
	2.0+2.5+3.5	1,70	2,13	2,98	1,50	6,80	8,10	0,32	1,36	2,11	1,44	6,16	9,56	96	5,03	A	A++	4,67	5,00	1499	0,9
	2.0+2.5+4.2	1,56	1,95	3,28	1,50	6,80	8,10	0,32	1,35	2,11	1,44	6,12	9,56	96	5,07	A	A++	4,68	5,00	1493	0,9
	2.0+3.5+3.5	1,51	2,64	2,64	1,50	6,80	8,20	0,32	1,35	2,15	1,44	6,12	9,74	96	5,05	A	A++	4,68	5,00	1496	0,9
	2.5+2.5+2.5	2,27	2,27	2,27	1,40	6,80	8,00	0,32	1,36	2,07	1,44	6,16	9,38	96	5,02	A	A++	4,65	5,00	1505	0,9
	2.5+2.5+3.5	2,00	2,00	2,80	1,50	6,80	8,10	0,32	1,35	2,09	1,44	6,12	9,47	96	5,05	A	A++	4,68	5,00	1496	0,9

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)			Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room		Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
3MXM68N2V1B	1,5	1,60	---	---	1,52	1,60	2,49	0,40	0,42	0,59	1,82	1,98	2,71	95	---	---	---	---	---	---	---
	2,0	2,00	---	---	1,66	2,00	2,68	0,42	0,43	0,60	1,91	2,08	2,75	95	---	---	---	---	---	---	---
	2,5	2,50	---	---	1,74	2,50	3,44	0,44	0,44	0,82	2,00	2,62	3,77	95	---	---	---	---	---	---	---
	3,5	3,50	---	---	1,93	3,50	4,86	0,46	0,46	1,43	2,09	3,84	6,53	95	---	---	---	---	---	---	---
	4,2	---	---	4,20	1,93	4,20	5,33	0,46	0,46	1,44	2,09	3,93	6,57	95	---	---	---	---	---	---	---
	5,0	---	---	5,00	1,94	5,00	6,03	0,44	0,44	2,13	2,00	7,20	9,77	95	---	---	---	---	---	---	---
	6,0	---	---	6,00	1,94	6,00	6,51	0,44	0,44	2,13	2,00	7,29	9,77	95	---	---	---	---	---	---	---
	1.5+1.5	1,50	1,50	---	1,95	3,00	4,79	0,40	0,51	1,15	1,81	2,34	5,25	95	5,96	A	255	A++	7,29	3,00	144
	1.5+2.0	1,50	2,00	---	1,95	3,50	4,96	0,40	0,62	1,22	1,81	2,84	5,58	95	5,66	A	310	A++	7,53	3,50	163
	1.5+2.5	1,50	2,50	---	1,95	4,00	5,28	0,40	0,75	1,36	1,81	3,44	6,23	95	5,36	A	375	A++	7,75	4,00	181
	1.5+3.5	1,50	3,50	---	1,95	5,00	6,17	0,39	1,04	1,83	1,77	4,76	8,39	95	4,81	A	520	A++	7,80	5,00	225
	1.5+4.2	1,50	4,20	---	1,95	5,70	6,39	0,39	1,27	1,96	1,77	5,82	8,96	95	4,51	A	635	A++	7,84	5,70	255
	1.5+5.0	1,50	5,00	---	1,95	6,50	7,08	0,38	1,50	2,23	1,73	6,87	10,22	95	4,36	A	750	A++	7,86	6,50	290
	1.5+6.0	1,36	5,44	---	1,96	6,80	7,59	0,37	1,62	2,36	1,68	7,42	10,79	95	4,21	A	810	A++	7,81	6,80	305
	2.0+2.0	2,00	2,00	---	1,95	4,00	5,12	0,40	0,75	1,29	1,81	3,44	5,91	95	5,36	A	375	A++	7,75	4,00	181
	2.0+2.5	2,00	2,50	---	1,95	4,50	5,44	0,40	0,89	1,43	1,81	4,08	6,56	95	5,06	A	445	A++	7,80	4,50	202
	2.0+3.5	2,00	3,50	---	1,95	5,50	6,30	0,39	1,17	1,91	1,77	5,36	8,76	95	4,71	A	585	A++	7,91	5,50	244
	2.0+4.2	2,00	4,20	---	1,95	6,20	6,51	0,39	1,43	2,05	1,77	6,55	9,37	95	4,36	A	715	A++	7,88	6,20	276
	2.0+5.0	1,94	4,86	---	1,95	6,80	7,26	0,38	1,59	2,36	1,73	7,28	10,79	95	4,28	A	795	A++	7,78	6,80	306
	2.0+6.0	1,70	5,10	---	1,96	6,80	7,71	0,37	1,61	2,45	1,68	7,37	11,20	95	4,23	A	805	A++	7,71	6,80	309
	2.5+2.5	2,50	2,50	---	1,95	5,00	6,10	0,41	1,01	1,78	1,89	4,63	8,15	95	4,96	A	505	A++	7,81	5,00	224
	2.5+3.5	2,50	3,50	---	1,95	6,00	6,57	0,40	1,29	2,11	1,81	5,91	9,65	95	4,66	A	645	A++	7,94	6,00	265
	2.5+4.2	2,50	4,20	---	1,95	6,70	6,95	0,40	1,51	2,38	1,81	6,92	10,88	95	4,46	A	755	A++	7,99	6,70	294
	2.5+5.0	2,27	4,53	---	1,95	6,80	7,37	0,37	1,50	2,45	1,68	6,87	11,20	95	4,56	A	750	A++	7,93	6,80	300
	2.5+6.0	2,00	4,80	---	1,96	6,80	7,71	0,35	1,48	2,45	1,60	6,78	11,20	95	4,61	A	740	A++	7,90	6,80	301
	3.5+3.5	3,40	3,40	---	1,95	6,80	7,13	0,38	1,45	2,37	1,73	6,64	10,83	95	4,70	A	725	A++	8,02	6,80	297
	3.5+4.2	3,09	3,71	---	1,95	6,80	7,24	0,38	1,45	2,46	1,73	6,64	11,24	95	4,72	A	725	A++	8,00	6,80	298
	3.5+5.0	2,80	4,00	---	1,95	6,80	7,76	0,35	1,42	2,78	1,60	6,50	12,71	95	4,82	A	710	A++	7,92	6,80	301
	3.5+6.0	2,51	4,29	---	2,26	6,80	8,07	0,40	1,40	2,72	1,81	6,41	12,46	95	4,87	A	700	A++	7,89	6,80	302
	4.2+4.2	---	3,40	3,40	1,95	6,80	7,14	0,38	1,44	2,37	1,73	6,60	10,83	95	4,74	A	720	A++	7,98	6,80	298
	4.2+5.0	---	3,10	3,70	1,95	6,80	7,77	0,35	1,41	2,78	1,60	6,46	12,71	95	4,84	A	705	A++	7,90	6,80	302
	4.2+6.0	---	2,80	4,00	2,26	6,80	8,08	0,40	1,40	2,72	1,81	6,41	12,46	95	4,89	A	700	A++	7,87	6,80	303
	5.0+5.0	---	3,40	3,40	2,34	6,80	8,22	0,43	1,38	2,98	1,98	6,32	13,65	95	4,94	A	690	A++	7,88	6,80	302
	5.0+6.0	---	3,09	3,71	2,47	6,80	8,45	0,44	1,37	2,92	2,02	6,28	13,36	95	4,99	A	685	A++	7,85	6,80	304
	1.5+1.5+1.5	1,50	1,50	1,50	1,96	4,50	6,40	0,39	0,61	1,57	1,77	2,80	7,17	95	7,46	A	305	A+++	8,54	4,50	185
	1.5+1.5+2.0	1,44	1,44	1,92	1,96	4,80	6,56	0,39	0,70	1,65	1,77	3,21	7,54	95	6,86	A	350	A+++	8,52	4,80	198
	1.5+1.5+2.5	1,36	1,36	2,27	1,96	5,00	6,72	0,39	0,80	1,73	1,77	3,67	7,90	95	6,26	A	400	A+++	8,50	5,00	206
	1.5+1.5+3.5	1,50	1,50	3,50	1,96	6,50	7,11	0,38	1,56	1,92	1,73	7,14	8,80	95	4,19	A	780	A++	7,85	6,50	290
	1.5+1.5+4.2	1,42	1,42	3,97	1,96	6,80	7,33	0,38	1,80	2,05	1,73	8,24	9,37	95	3,79	A	900	A++	7,71	6,80	309
	1.5+1.5+5.0	1,28	1,28	4,25	1,96	6,80	7,74	0,36	1,75	2,22	1,64	8,01	10,14	95	3,89	A	875	A++	7,64	6,80	312
	1.5+1.5+6.0	1,13	1,13	4,53	2,31	6,80	7,99	0,40	1,73	2,17	1,85	7,92	9,94	95	3,94	A	865	A++	7,62	6,80	313
	1.5+2.0+2.0	1,50	2,00	2,00	1,96	5,50	6,48	0,39	1,01	1,61	1,77	4,63	7,37	95	5,46	A	505	A++	8,17	5,50	236
	1.5+2.0+2.5	1,50	2,00	2,50	1,96	6,00	6,87	0,39	1,32	1,81	1,77	6,05	8,27	95	4,56	A	660	A++	7,90	6,00	266
	1.5+2.0+3.5	1,46	1,94	3,40	1,96	6,80	7,25	0,38	1,80	2,01	1,73	8,24	9,21	95	3,79	A	900	A++	7,71	6,80	309
	1.5+2.0+4.2	1,32	1,77	3,71	1,96	6,80	7,47	0,38	1,79	2,14	1,73	8,20	9,78	95	3,81	A	895	A++	7,69	6,80	310
	1.5+2.0+5.0	1,20	1,60	4,00	1,96	6,80	7,87	0,36	1,74	2,31	1,64	7,97	10,55	95	3,91	A	870	A++	7,63	6,80	312
	1.5+2.0+6.0	1,07	1,43	4,29	2,31	6,80	8,13	0,40	1,72	2,26	1,85	7,88	10,35	95	3,96	A	860	A++	7,60	6,80	313
	1.5+2.5+2.5	1,50	2,50	2,50	1,96	6,50	7,10	0,38	1,63	1,92	1,73	7,46	8,80	95	4,01	A	815	A++	7,76	6,50	294
	1.5+2.5+3.5	1,36	2,27	3,17	1,96	6,80	7,60	0,36	1,79	2,23	1,64	8,20	10,18	95	3,81	A	895	A++	7,69	6,80	310
	1.5+2.5+4.2	1,24	2,07	3,48	1,96	6,80	7,81	0,36	1,78	2,35	1,64	8,15	10,75	95	3,83	A	890	A++	7,67	6,80	310
	1.5+2.5+5.0	1,13	1,89	3,78	1,96	6,80	7,95	0,36	1,74	2,35	1,64	7,97	10,75	95	3,93	A	870	A++	7,61	6,80	313
	1.5+2.5+6.0	1,02	1,70	4,08	2,31	6,80	8,42	0,41	1,71	2,44	1,89	7,83	11,16	95	3,98	A	855	A++	7,59	6,80	314
	1.5+3.5+3.5	1,20	2,80	2,80	1,96	6,80	7,94	0,37	1,77	2,45	1,68	8,11	11,20	95	3,85	A	885	A++	7,67	6,80	311
	1.5+3.5+4.2	1,11	2,59	3,10	1,96	6,80	8,13	0,37	1,76	2,58	1,68	8,06	11,81	95	3,87	A	880	A++	7,65	6,80	311
	1.5+3.5+5.0	1,02	2,38	3,40	1,96	6,80	8,46	0,33	1,72	2,72	1,52	7,88	12,46	95	3,97	A	860	A++	7,58	6,80	314
	1.5+3.5+6.0	0,93	2,16	3,71	2,31	6,80	8,56	0,41	1,70	2,53	1,89	7,79	11,57	95	4,02	A	850	A++	7,56	6,80	315
	1.5+4.2+4.2	1,03	2,88	2,88	1,96	6,80	8,26	0,37	1,75	2,68	1,68	8,01	12,26	95	3,89	A	875	A++	7,63	6,80	312
	1.5+4.2+5.0	0,95	2,67	3,18	1,96	6,80	8,53	0,33	1,71	2,77	1,52	7,83	12,67	95	3,99	A	855	A++	7,56	6,80	315
	2.0+2.0+2.0	2,00	2,00	2,00	1,96	6,00	6,64	0,39	1,34	1,68	1,77	6,14	7,70	95	4,51	A	670	A++	7,84	6,00	268
	2.0+2.0+2.5	2,00	2,00	2,50	1,96	6,50	7,03	0,39	1,63	1,89	1,77	7,46	8,64	95	4,01	A	815	A++	7,76	6,50	294
	2.0+2.0+3.5	1,81	1,81	3,17	1,96	6,80	7,40	0,38	1,79	2,09	1,73	8,20	9,57	95	3,81	A	895	A++	7,69	6,80	310
	2.0+2.0+4.2	1,66	1,66	3,48	1,96	6,80	7,61	0,38	1,78	2,23	1,73	8,15	10,18	95	3,83	A	890	A++	7,67	6,80	310
	2.0+2.0+5.0	1,51	1,51	3,78	1,96	6,80	8,01	0,36	1,74	2,39	1,64	7,97	10,96	95	3,93	A	870	A++	7,61	6,80	313
	2.0+2.0+6.0	1,36	1,36	4,08	2,31	6,80	8,27	0,40	1,71	2,35	1,85	7,83	10,75	95	3,98	A	855	A++	7,59	6,80	314
	2.0+2.5+2.5	1,94	2,43	2,43	1,96	6,80	7,24	0,38	1,77	2,01	1,73	8,11	9,21	95	3,85	A	885	A++	7,71	6,80	309
	2.0+2.5+3.5	1,70	2,13	2,98	1,96	6,80	7,74	0,36	1,76	2,31	1,64	8,06	10,55	95	3,87	A	880	A++	7,69	6,80	310
	2.0+2.5+4.2	1,56	1,95	3,28	1,96	6,80	7,94	0,36	1,75	2,45	1,64	8,01	11,20	95	3,89	A	875	A++	7,68	6,80	310
	2.0+2.5+5.0	1,43	1,79	3,58	1,96	6,80	8,08	0,36	1,71	2,44	1,64	7,83	11,16	95	3,99	A	855	A++	7,61	6,80	313
	2.0+2.5+6.0	1,30	1,62	3,89	2,31	6,80	8,55	0,41	1,69	2,53	1,89	7,74	11,57	95	4,04	A	845	A++	7,58	6,80	314
	2.0+3.5+3.5	1,51	2,64	2,64	1,96	6,80	8,07	0,37	1,74	2,54	1,68	7,97	11,61	95	3,91	A	870	A++	7,67	6,80	311
	2.0+3.5+4.2	1,40	2,45	2,94	1,96	6,80	8,25	0,37	1,74	2,68	1,68	7,97	12,26	95	3,93	A	870	A++	7,65	6,80	311
	2.0+3.5+5.0	1,30	2,27	3,24	2,28	6,80	8,58	0,40	1,69	2,82	1,85	7,74	12,91	95	4,03	A	845	A++	7,58	6,80	314
	2.0+4.2+4.2	1,31	2,75	2,75	1,96	6,80	8,37	0,37	1,73	2,77	1,68	7,92	12,67	95	3,95	A	865	A++	7,63	6,80	312
	2.5+2.5+2.5	2,27	2,27	2,27	1,96	6,80	7,53	0,38	1,76	2,18	1,73	8,06	9,98	95	3,87	A	880	A++	7,70	6,80	310
	2.5+2.5+3.5	2,00	2,00	2,80	1,96	6,80	7,94	0,36	1,72	2,45	1,64	7,88	11,20	95	3,97	A	860	A++	7,62	6,80	313
	2.5+2.5+4.2	1,85	1,85	3,10	1,96	6,80	8,12	0,36	1,71	2,58	1,64	7,83	11,81	95	3,99	A	855	A++	7,60	6,80	313
	2.5+2.5+5.0	1,70	1,70	3,40	2,28	6,80	8,45	0,40	1,67	2,72	1,85	7,65	12,46	95	4,09	A	835	A++	7,53	6,80	316
	2.5+2.5+6.0	1,55	1,55	3,71	2,42	6,80	8,74	0,40	1,65	2,67	1,85	7,56	12,22	95	4,14	A	825	A++	7,51	6,80	317
	2.5+3.5+3.5	1,79	2,51	2,51	2,27	6,80	8,30	0,40	1,70	2,72	1,85	7,79	12,46	95	4,01	A	850	A++	7,59	6,80	314
	2.5+3.5+4.2	1,67	2,33	2,80	2,27	6,80	8,43	0,40	1,69	2,82	1,85	7,74	12,91	95	4,03	A	845	A++	7,58	6,80	314
	2.5+3.5+5.0	1,55	2,16	3,09	2,48	6,80	8,74	0,42	1,65	2,96	1,94	7,56	13,56	95	4,13	A	825	A++	7,50	6,80	317
	2.5+4.2+4.2	1,56	2,62	2,62	2,27	6,80	8,49	0,40	1,68	2,87	1,85	7,69	13,12	95	4,05	A	840	A++	7,56	6,80	315
	3.5+3.5+3.5	2,27	2,27	2,27	2,38	6,80	8,59	0,40	1,68	2,96	1,81	7,69	13,56	95	4,05	A	840	A++	7,57	6,80	315

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)			Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	C room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
	15	2,70	---	---	1,47	2,70	4,08	0,42	0,73	1,22	1,91	3,35	5,59	95	---	---	---	---	---	---	---
	20	2,72	---	---	1,48	2,72	4,09	0,43	0,74	1,23	1,95	3,39	5,64	95	---	---	---	---	---	---	---
	25	3,40	---	---	1,44	3,40	4,30	0,42	1,03	1,33	1,91	4,72	6,08	95	---	---	---	---	---	---	---
	35	4,30	---	---	1,45	4,30	4,70	0,40	1,42	1,56	1,82	6,50	7,15	95	---	---	---	---	---	---	---
	42	---	4,32	---	1,44	4,32	4,69	0,40	1,41	1,56	1,82	6,46	7,15	95	---	---	---	---	---	---	---
	50	---	5,60	---	1,66	5,60	5,94	0,39	1,84	1,90	1,78	8,43	8,70	95	---	---	---	---	---	---	---
	60	---	7,90	---	1,88	7,90	8,91	0,37	2,65	2,64	1,69	12,13	12,08	95	---	---	---	---	---	---	---
	1.5+1.5	2,65	2,65	---	1,65	5,30	7,38	0,36	1,19	1,83	1,63	5,45	8,38	95	4,45	A	A	3,85	3,80	1380	0,73
	1.5+2.0	2,44	3,26	---	1,65	5,70	7,76	0,36	1,31	1,99	1,63	6,00	9,09	95	4,35	A	A	3,85	3,80	1380	0,72
	1.5+2.5	2,29	3,81	---	1,65	6,10	7,95	0,36	1,43	2,06	1,63	6,55	9,43	95	4,27	A	A	3,87	3,80	1373	0,71
	1.5+3.5	2,07	4,83	---	1,80	6,90	8,50	0,37	1,69	2,35	1,68	7,74	10,74	95	4,10	A	A	3,86	4,30	1558	0,92
	1.5+4.2	1,97	5,53	---	1,80	7,50	8,85	0,37	1,90	2,57	1,68	8,70	11,75	95	3,97	A	A	3,88	4,30	1548	0,91
	1.5+5.0	1,89	6,31	---	2,18	8,20	10,38	0,45	2,13	2,91	2,06	9,75	13,31	95	3,86	A	A	3,87	4,50	1628	0,96
	1.5+6.0	1,72	6,88	---	2,46	8,60	10,58	0,48	2,28	2,67	2,19	10,44	12,21	95	3,78	A	A	3,91	4,80	1717	1,07
	2.0+2.0	3,25	3,25	---	1,65	6,50	7,95	0,36	1,37	2,07	1,63	6,28	9,47	95	4,75	A	A	3,91	3,80	1361	0,71
	2.0+2.5	3,07	3,83	---	1,65	6,90	8,12	0,36	1,52	2,14	1,63	6,96	9,81	95	4,56	A	A	3,92	3,80	1354	0,71
	2.0+3.5	2,73	4,77	---	1,80	7,50	8,67	0,37	1,75	2,43	1,68	8,01	11,12	95	4,30	A	A	3,86	4,30	1558	0,91
	2.0+4.2	2,58	5,42	---	1,80	8,00	9,03	0,37	1,98	2,66	1,68	9,07	12,17	95	4,06	A	A	3,88	4,30	1550	0,90
	2.0+5.0	2,46	6,14	---	2,18	8,60	10,56	0,45	2,26	3,00	2,06	10,35	13,73	95	3,82	A	A	3,90	4,50	1612	0,96
	2.0+6.0	2,15	6,45	---	2,46	8,60	10,75	0,48	2,24	2,74	2,19	10,26	12,55	95	3,84	A	A	3,93	4,80	1710	1,07
	2.5+2.5	3,60	3,60	---	1,65	7,20	8,49	0,36	1,62	2,36	1,63	7,42	10,78	95	4,46	A	A	3,85	4,00	1455	0,79
	2.5+3.5	3,29	4,61	---	1,89	7,90	9,03	0,38	1,91	2,66	1,72	8,75	12,17	95	4,14	A	A	3,83	4,30	1569	0,90
	2.5+4.2	3,10	5,20	---	1,89	8,30	9,29	0,38	2,11	2,82	1,72	9,66	12,93	95	3,95	A	A	3,86	4,30	1559	0,90
	2.5+5.0	2,87	5,73	---	2,27	8,60	10,68	0,46	2,24	3,09	2,11	10,26	14,15	95	3,86	A	A	3,84	4,50	1637	0,91
	2.5+6.0	2,53	6,07	---	2,55	8,60	10,88	0,50	2,22	2,77	2,28	10,17	12,67	95	3,88	A	A	3,91	4,80	1716	1,00
	3.5+3.5	4,30	4,30	---	2,17	8,60	9,38	0,42	2,26	2,86	1,94	10,35	13,09	95	3,81	A	A+	4,00	4,80	1680	1,07
	3.5+4.2	3,91	4,69	---	2,17	8,60	9,47	0,42	2,26	2,91	1,94	10,35	13,31	95	3,82	A	A+	4,01	4,80	1675	1,06
	3.5+5.0	3,54	5,06	---	2,56	8,60	10,90	0,51	2,22	3,13	2,32	10,17	14,32	95	3,88	A	A+	4,01	4,80	1675	1,03
	3.5+6.0	3,17	5,43	---	2,74	8,60	11,01	0,52	2,21	2,76	2,37	10,12	12,63	95	3,91	A	A+	4,06	4,80	1652	1,01
	4.2+4.2	---	4,30	4,30	2,17	8,60	9,56	0,42	2,22	2,94	1,94	10,17	13,47	95	3,88	A	A+	4,00	4,80	1679	1,04
	4.2+5.0	---	3,93	4,67	2,56	8,60	10,91	0,51	2,21	3,19	2,32	10,12	14,61	95	3,90	A	A	3,93	5,20	1851	1,20
	4.2+6.0	---	3,54	5,06	2,74	8,60	11,02	0,51	2,20	2,79	2,32	10,07	12,76	95	3,92	A	A+	4,03	5,20	1804	1,18
	5.0+5.0	---	4,30	4,30	2,94	8,60	11,10	0,59	2,17	3,11	2,71	9,94	14,23	95	3,98	A	A+	4,06	5,20	1793	1,15
	5.0+6.0	---	3,91	4,69	3,14	8,60	11,09	0,60	2,15	2,72	2,75	9,84	12,46	95	4,01	A	A+	4,09	5,20	1779	1,13
	1.5+1.5+1.5	2,17	2,17	2,17	2,01	6,50	9,92	0,41	1,33	2,26	1,89	6,09	10,36	95	4,91	A	A+	4,07	5,30	1822	1,11
	1.5+1.5+2.0	2,07	2,07	2,76	2,01	6,90	10,10	0,41	1,46	2,34	1,89	6,69	10,69	95	4,74	A	A+	4,08	5,30	1817	1,10
	1.5+1.5+2.5	2,02	2,02	3,36	2,10	7,40	10,18	0,42	1,64	2,37	1,94	7,51	10,86	95	4,53	A	A+	4,09	5,30	1810	1,09
	1.5+1.5+3.5	1,89	1,89	4,42	2,31	8,20	10,29	0,44	1,87	2,49	2,02	8,56	11,41	95	4,39	A	A+	4,14	5,30	1793	1,07
	1.5+1.5+4.2	1,79	1,79	5,02	2,31	8,60	10,29	0,44	2,03	2,49	2,02	9,30	11,41	95	4,25	A	A+	4,15	5,30	1786	1,07
	1.5+1.5+5.0	1,61	1,61	5,38	2,71	8,60	10,46	0,55	2,01	2,57	2,50	9,20	11,75	95	4,29	A	A+	4,23	5,30	1752	1,03
	1.5+1.5+6.0	1,43	1,43	5,73	2,93	8,60	10,59	0,55	1,99	2,31	2,50	9,11	10,57	95	4,33	A	A+	4,27	5,30	1735	1,01
3MXM68N2V1B	1.5+2.0+2.0	2,35	3,13	3,13	2,01	8,60	10,26	0,41	2,05	2,41	1,89	9,39	11,03	95	4,21	A	A+	4,09	5,30	1814	1,10
	1.5+2.0+2.5	2,15	2,87	3,58	2,10	8,60	10,36	0,42	2,04	2,44	1,94	9,34	11,16	95	4,23	A	A+	4,10	5,30	1807	1,09
	1.5+2.0+3.5	1,84	2,46	4,30	2,31	8,60	10,45	0,44	2,02	2,58	2,02	9,25	11,79	95	4,26	A	A+	4,14	5,30	1793	1,07
	1.5+2.0+4.2	1,68	2,23	4,69	2,31	8,60	10,46	0,44	2,01	2,57	2,02	9,20	11,75	95	4,28	A	A+	4,15	5,30	1786	1,07
	1.5+2.0+5.0	1,52	2,02	5,06	2,71	8,60	10,88	0,55	2,00	2,64	2,50	9,16	12,08	95	4,32	A	A+	4,23	5,30	1752	1,03
	1.5+2.0+6.0	1,36	1,81	5,43	2,93	8,60	10,89	0,55	1,98	2,38	2,50	9,07	10,91	95	4,36	A	A+	4,27	5,30	1735	1,01
	1.5+2.5+2.5	1,98	3,31	3,31	2,20	8,60	10,47	0,45	2,03	2,44	2,06	9,30	11,16	95	4,25	A	A+	4,12	5,30	1800	1,08
	1.5+2.5+3.5	1,72	2,87	4,01	2,40	8,60	10,58	0,47	2,02	2,57	2,15	9,25	11,75	95	4,27	A	A+	4,16	5,30	1782	1,06
	1.5+2.5+4.2	1,57	2,62	4,40	2,41	8,60	10,58	0,47	2,00	2,57	2,15	9,16	11,75	95	4,30	A	A+	4,19	5,30	1768	1,05
	1.5+2.5+5.0	1,43	2,39	4,78	2,81	8,60	11,00	0,56	1,99	2,64	2,58	9,11	12,08	95	4,34	A	A+	4,27	5,30	1735	1,01
	1.5+2.5+6.0	1,29	2,15	5,16	3,02	8,60	10,77	0,57	1,97	2,38	2,62	9,02	10,91	95	4,38	A	A+	4,31	5,30	1719	0,99
	1.5+3.5+3.5	1,52	3,54	3,54	2,69	8,60	10,59	0,55	1,99	2,57	2,50	9,11	11,75	95	4,33	A	A+	4,20	5,30	1765	1,04
	1.5+3.5+4.2	1,40	3,27	3,93	2,69	8,60	10,59	0,55	1,98	2,56	2,50	9,07	11,71	95	4,35	A	A+	4,22	5,30	1755	1,03
	1.5+3.5+5.0	1,29	3,01	4,30	3,00	8,60	10,93	0,62	1,97	2,59	2,84	9,02	11,87	95	4,38	A	A+	4,30	5,30	1722	0,99
	1.5+3.5+6.0	1,17	2,74	4,69	2,93	8,60	10,78	0,55	1,96	2,37	2,50	8,98	10,86	95	4,40	A	A+	4,34	5,30	1707	0,98
	1.5+4.2+4.2	1,30	3,65	3,65	2,69	8,60	10,68	0,55	1,98	2,59	2,50	9,07	11,87	95	4,35	A	A+	4,24	5,30	1748	1,02
	1.5+4.2+5.0	1,21	3,38	4,02	3,00	8,60	10,99	0,62	1,96	2,67	2,84	8,98	12,21	95	4,39	A	A+	4,32	5,30	1716	0,99
	2.0+2.0+2.0	2,60	2,60	2,60	2,01	7,80	10,44	0,41	1,72	2,48	1,89	7,88	11,37	95	4,56	A	A+	4,07	5,30	1821	1,10
	2.0+2.0+2.5	2,52	2,52	3,15	2,10	8,20	10,52	0,42	1,83	2,52	1,94	8,38	11,54	95	4,49	A	A+	4,09	5,30	1814	1,10
	2.0+2.0+3.5	2,29	2,29	4,01	2,31	8,60	10,63	0,44	2,04	2,65	2,02	9,34	12,13	95	4,22	A	A+	4,13	5,30	1796	1,08
	2.0+2.0+4.2	2,10	2,10	4,40	2,31	8,60	10,63	0,44	2,02	2,65	2,02	9,25	12,13	95	4,26	A	A+	4,14	5,30	1789	1,07
	2.0+2.0+5.0	1,91	1,91	4,78	2,71	8,60	10,82	0,55	2,00	2,72	2,50	9,16	12,46	95	4,30	A	A+	4,22	5,30	1755	1,03
	2.0+2.0+6.0	1,72	1,72	5,16	2,93	8,60	10,95	0,55	1,99	2,46	2,50	9,11	11,24	95	4,32	A	A+	4,26	5,30	1739	1,01
	2.0+2.5+2.5	2,46	3,07	3,07	2,20	8,60	10,54	0,43	1,97	2,61	1,98	9,02	11,96	95	4,38	A	A+	4,10	5,30	1807	1,09
	2.0+2.5+3.5	2,15	2,69	3,76	2,40	8,60	10,63	0,46	2,02	2,65	2,11	9,25	12,13	95	4,27	A	A+	4,14	5,30	1789	1,07
	2.0+2.5+4.2	1,98	2,47	4,15	2,41	8,60	10,64	0,46	2,01	2,64	2,11	9,20	12,08	95	4,29	A	A+	4,16	5,30	1782	1,06
	2.0+2.5+5.0	1,81	2,26	4,53	2,81	8,60	11,06	0,56	1,98	2,75	2,58	9,07	12,59	95	4,34	A	A+	4,24	5,30	1748	1,02
	2.0+2.5+6.0	1,64	2,05	4,91	3,02	8,60	11,07	0,56	1,98	2,43	2,58	9,07	11,12	95	4,36	A	A+	4,28	5,30	1732	1,01
	2.0+3.5+3.5	1,91	3,34	3,34	2,69	8,60	10,76	0,52	2,00	2,70	2,37	9,16	12,34	95	4,32	A	A+	4,18	5,30	1772	1,05
	2.0+3.5+4.2	1,77	3,10	3,72	2,69	8,60	10,76	0,52	1,99	2,69	2,37	9,11	12,29	95	4,33	A	A+	4,20	5,30	1765	1,04
	2.0+3.5+5.0	1,64	2,87	4,10	3,00	8,60	11,11	0,58	1,98	2,82	2,67	9,07	12,88	95	4,36	A	A+	4,28	5,30	1732	1,01
	2.0+4.2+4.2	1,65	3,47	3,47	2,69	8,60	10,77	0,52	1,97	2,69	2,37	9,02	12,29	95	4,38	A	A+	4,32	5,30	1716	0,99
	2.5+2.5+2.5	2,87	2,87	2,87	2,31	8,60	10,65	0,45	1,99	2,64	2,06	9,11	12,08	95	4,32	A	A+	4,12	5,30	1800	1,08
	2.5+2.5+3.5	2,53	2,53	3,54	2,50	8,60	10,87	0,48	1,99	2,72	2,19	9,11	12,46	95	4,34	A	A+	4,16	5,30	1782	1,06
	2.5+2.5+4.2	2,34	2,34	3,93	2,50	8,60	10,88	0,48	1,97	2,72	2,19	9,02	12,46	95	4,37	A	A+	4,18	5,30	1775	1,05
	2.5+2.5+5.0	2,15	2,15	4,30	2,91	8,60	11,07	0,58	1,96	2,78	2,67	8,98	12,72	95	4,41	A	A+	4,26	5,30	1742	1,02
	2.5+2.5+6.0	1,95	1,95	4,69	3,12	8,60	11,08	0,58	1,94	2,43	2,67	8,88	11,12	95	4,45	A	A+	4,30	5,30	1726	1,00
	2.5+3.5+3.5	2,26	3,17	3,17	2,78	8,60	11,00	0,53	1,96	2,72	2,41	8,98	12,46	95	4,40	A	A+	4,20	5,30	1765	1,04
	2.5+3.5+4.2	2,11	2,95	3,54	2,79	8,60	11,01	0,53	1,96	2,71	2,41	8,98	12,42	95	4,41	A	A+	4,22	5,30	1758	1,04
	2.5+3.5+5.0	1,95	2,74	3,91	3,19	8,60	11,08	0,60	1,90	2,74	2,75	8,70	12,55	95	4,54	A	A+	4,30	5,30	1726	1,00
	2.5+4.2+4.2	1,97	3,31	3,31	2,79	8,60	11,01	0,53	1,95	2,71	2,41	8,93	12,42	95	4,42	A	A+	4,23	5,30	1752	1,03
	3.5+3.5+3.5	2,87	2,87	2,87	2,98	8,60	11,06	0,57	1,94	2,79	2,62	8,88	12,76	95	4,44	A	A+	4,24	5,30	1748	1,02

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXM68N2V1B	1,5	1,60	---	---	---	1,57	1,60	2,49	0,40	0,42	0,59	1,82	1,98	2,71	95	---	---	---	---	---	---	---
	2,0	2,00	---	---	---	1,65	2,00	2,68	0,42	0,43	0,60	1,91	2,08	2,75	95	---	---	---	---	---	---	---
	2,5	2,50	---	---	---	1,74	2,50	3,44	0,44	0,44	0,82	2,00	2,62	3,77	95	---	---	---	---	---	---	---
	3,5	3,50	---	---	---	1,93	3,50	4,86	0,46	0,46	1,43	2,09	3,84	6,53	95	---	---	---	---	---	---	---
	4,2	---	---	4,20	---	1,93	4,20	5,33	0,46	0,46	1,44	2,09	3,93	6,57	95	---	---	---	---	---	---	---
	5,0	---	---	5,00	---	1,94	5,00	6,03	0,44	0,44	2,13	2,00	7,20	9,77	95	---	---	---	---	---	---	---
	6,0	---	---	6,00	---	1,94	6,00	6,51	0,44	0,44	2,13	2,00	7,29	9,77	95	---	---	---	---	---	---	---
	1.5+1.5	1,50	1,50	---	---	1,95	3,00	4,79	0,40	0,51	1,15	1,81	2,34	5,25	95	5,96	A	255	A++	7,29	3,00	144
	1.5+2.0	1,50	2,00	---	---	1,95	3,50	4,96	0,40	0,62	1,22	1,81	2,84	5,58	95	5,66	A	310	A++	7,53	3,50	163
	1.5+2.5	1,50	2,50	---	---	1,95	4,00	5,28	0,40	0,75	1,36	1,81	3,44	6,23	95	5,36	A	375	A++	7,75	4,00	181
	1.5+3.5	1,50	3,50	---	---	1,95	5,00	6,17	0,39	1,04	1,83	1,77	4,76	8,39	95	4,81	A	520	A++	7,80	5,00	225
	1.5+4.2	1,50	4,20	---	---	1,95	5,70	6,39	0,39	1,27	1,96	1,77	5,82	8,96	95	4,51	A	635	A++	7,84	5,70	255
	1.5+5.0	1,50	---	5,00	---	1,95	6,50	7,08	0,38	1,50	2,23	1,73	6,87	10,22	95	4,36	A	750	A++	7,86	6,50	290
	1.5+6.0	1,36	---	5,44	---	1,96	6,80	7,59	0,37	1,62	2,36	1,68	7,42	10,79	95	4,21	A	810	A++	7,81	6,80	305
	2.0+2.0	2,00	2,00	---	---	1,95	4,00	5,12	0,40	0,75	1,29	1,81	3,44	5,91	95	5,36	A	375	A++	7,75	4,00	181
	2.0+2.5	2,00	2,50	---	---	1,95	4,50	5,44	0,40	0,89	1,43	1,81	4,08	6,56	95	5,06	A	445	A++	7,80	4,50	202
	2.0+3.5	2,00	3,50	---	---	1,95	5,50	6,30	0,39	1,17	1,91	1,77	5,36	8,76	95	4,71	A	585	A++	7,91	5,50	244
	2.0+4.2	2,00	4,20	---	---	1,95	6,20	6,51	0,39	1,43	2,05	1,77	6,55	9,37	95	4,36	A	715	A++	7,88	6,20	276
	2.0+5.0	1,94	---	4,86	---	1,95	6,80	7,26	0,38	1,59	2,36	1,73	7,28	10,79	95	4,28	A	795	A++	7,78	6,80	306
	2.0+6.0	1,70	---	5,10	---	1,96	6,80	7,71	0,37	1,61	2,45	1,68	7,37	11,20	95	4,23	A	805	A++	7,71	6,80	309
	2.5+2.5	2,50	2,50	---	---	1,95	5,00	6,10	0,41	1,01	1,78	1,89	4,63	8,15	95	4,96	A	505	A++	7,81	5,00	224
	2.5+3.5	2,50	3,50	---	---	1,95	6,00	6,57	0,40	1,29	2,11	1,81	5,91	9,65	95	4,66	A	645	A++	7,94	6,00	265
	2.5+4.2	2,50	4,20	---	---	1,95	6,70	6,95	0,40	1,51	2,38	1,81	6,92	10,88	95	4,46	A	755	A++	7,99	6,70	294
	2.5+5.0	2,27	---	4,53	---	1,95	6,80	7,37	0,37	1,50	2,45	1,68	6,87	11,20	95	4,56	A	750	A++	7,93	6,80	300
	2.5+6.0	2,00	---	4,80	---	1,96	6,80	7,71	0,35	1,48	2,45	1,60	6,78	11,20	95	4,61	A	740	A++	7,90	6,80	301
	3.5+3.5	3,40	3,40	---	---	1,95	6,80	7,13	0,38	1,45	2,37	1,73	6,64	10,83	95	4,70	A	725	A++	8,02	6,80	297
	3.5+4.2	3,09	3,71	---	---	1,95	6,80	7,24	0,38	1,45	2,46	1,73	6,64	11,24	95	4,72	A	725	A++	8,00	6,80	298
	3.5+5.0	2,80	---	4,00	---	1,95	6,80	7,76	0,35	1,42	2,78	1,60	6,50	12,71	95	4,82	A	710	A++	7,92	6,80	301
	3.5+6.0	2,51	---	4,29	---	2,26	6,80	8,07	0,40	1,40	2,72	1,81	6,41	12,46	95	4,87	A	700	A++	7,89	6,80	302
	4.2+4.2	3,40	3,40	---	---	1,95	6,80	7,14	0,38	1,44	2,37	1,73	6,60	10,83	95	4,74	A	720	A++	7,98	6,80	298
	4.2+5.0	3,10	---	3,70	---	1,95	6,80	7,77	0,35	1,41	2,78	1,60	6,46	12,71	95	4,84	A	705	A++	7,90	6,80	302
	4.2+6.0	2,80	---	4,00	---	2,26	6,80	8,08	0,40	1,40	2,72	1,81	6,41	12,46	95	4,89	A	700	A++	7,87	6,80	303
	5.0+5.0	---	---	3,40	3,40	2,34	6,80	8,22	0,43	1,38	2,98	1,98	6,32	13,65	95	4,94	A	690	A++	7,88	6,80	302
	5.0+6.0	---	---	3,09	3,71	2,47	6,80	8,45	0,44	1,37	2,92	2,02	6,28	13,36	95	4,99	A	685	A++	7,85	6,80	304
	1.5+1.5+1.5	1,50	1,50	1,50	---	1,96	4,50	6,40	0,39	0,61	1,57	1,77	2,80	7,17	95	7,46	A	305	A+++	8,54	4,50	185
	1.5+1.5+2.0	1,44	1,44	1,92	---	1,96	4,80	6,56	0,39	0,70	1,65	1,77	3,21	7,54	95	6,86	A	350	A+++	8,52	4,80	198
	1.5+1.5+2.5	1,36	1,36	2,27	---	1,96	5,00	6,72	0,39	0,80	1,73	1,77	3,67	7,90	95	6,26	A	400	A+++	8,50	5,00	206
	1.5+1.5+3.5	1,50	1,50	3,50	---	1,96	6,50	7,11	0,38	1,56	1,92	1,73	7,14	8,80	95	4,19	A	780	A++	7,85	6,50	290
	1.5+1.5+4.2	1,42	1,42	3,97	---	1,96	6,80	7,33	0,38	1,80	2,05	1,73	8,24	9,37	95	3,79	A	900	A++	7,71	6,80	309
	1.5+1.5+5.0	1,28	1,28	4,25	---	1,96	6,80	7,74	0,36	1,75	2,22	1,64	8,01	10,14	95	3,89	A	875	A++	7,64	6,80	312
	1.5+1.5+6.0	1,13	1,13	4,53	---	2,31	6,80	7,99	0,40	1,73	2,17	1,85	7,92	9,94	95	3,94	A	865	A++	7,62	6,80	313
	1.5+2.0+2.0	1,50	2,00	2,00	---	1,96	5,50	6,48	0,39	1,01	1,61	1,77	4,63	7,37	95	5,46	A	505	A++	8,17	5,50	236
	1.5+2.0+2.5	1,50	2,00	2,50	---	1,96	6,00	6,87	0,39	1,32	1,81	1,77	6,05	8,27	95	4,56	A	660	A++	7,90	6,00	266
	1.5+2.0+3.5	1,46	1,94	3,40	---	1,96	6,80	7,25	0,38	1,80	2,01	1,73	8,24	9,21	95	3,79	A	900	A++	7,71	6,80	309
	1.5+2.0+4.2	1,32	1,77	3,71	---	1,96	6,80	7,47	0,38	1,79	2,14	1,73	8,20	9,78	95	3,81	A	895	A++	7,69	6,80	310
	1.5+2.0+5.0	1,20	1,60	4,00	---	1,96	6,80	7,87	0,36	1,74	2,31	1,64	7,97	10,55	95	3,91	A	870	A++	7,63	6,80	312
	1.5+2.0+6.0	1,07	1,43	4,29	---	2,31	6,80	8,13	0,40	1,72	2,26	1,85	7,88	10,35	95	3,96	A	860	A++	7,60	6,80	313
	1.5+2.5+2.5	1,50	2,50	2,50	---	1,96	6,50	7,10	0,38	1,63	1,92	1,73	7,46	8,80	95	4,01	A	815	A++	7,76	6,50	294
	1.5+2.5+3.5	1,36	2,27	3,17	---	1,96	6,80	7,60	0,36	1,79	2,23	1,64	8,20	10,18	95	3,81	A	895	A++	7,69	6,80	310
	1.5+2.5+4.2	1,24	2,07	3,48	---	1,96	6,80	7,81	0,36	1,78	2,35	1,64	8,15	10,75	95	3,83	A	890	A++	7,67	6,80	310
	1.5+2.5+5.0	1,13	1,89	3,78	---	1,96	6,80	7,95	0,36	1,74	2,35	1,64	7,97	10,75	95	3,93	A	870	A++	7,61	6,80	313
	1.5+2.5+6.0	1,02	1,70	4,08	---	2,31	6,80	8,42	0,41	1,71	2,44	1,89	7,83	11,16	95	3,98	A	855	A++	7,59	6,80	314
	1.5+3.5+3.5	1,20	2,80	2,80	---	1,96	6,80	7,94	0,37	1,77	2,45	1,68	8,11	11,20	95	3,85	A	885	A++	7,67	6,80	311
	1.5+3.5+4.2	1,11	2,59	3,10	---	1,96	6,80	8,13	0,37	1,76	2,58	1,68	8,06	11,81	95	3,87	A	880	A++	7,65	6,80	311
	1.5+3.5+5.0	1,02	2,38	3,40	---	1,96	6,80	8,46	0,33	1,72	2,72	1,52	7,88	12,46	95	3,97	A	860	A++	7,58	6,80	314
	1.5+3.5+6.0	0,93	2,16	3,71	---	2,31	6,80	8,56	0,41	1,70	2,53	1,89	7,79	11,57	95	4,02	A	850	A++	7,56	6,80	315
	1.5+4.2+4.2	1,03	2,88	2,88	---	1,96	6,80	8,26	0,37	1,75	2,68	1,68	8,01	12,26	95	3,89	A	875	A++	7,63	6,80	312
	1.5+4.2+5.0	0,95	2,67	3,18	---	1,96	6,80	8,53	0,33	1,71	2,77	1,52	7,83	12,67	95	3,99	A	855	A++	7,56	6,80	315
	2.0+2.0+2.0	2,00	2,00	2,00	---	1,96	6,00	6,64	0,39	1,34	1,68	1,77	6,14	7,70	95	4,51	A	670	A++	7,84	6,00	268
	2.0+2.0+2.5	2,00	2,00	2,50	---	1,96	6,50	7,03	0,39	1,63	1,89	1,77	7,46	8,64	95	4,01	A	815	A++	7,76	6,50	294
	2.0+2.0+3.5	1,81	1,81	3,17	---	1,96	6,80	7,40	0,38	1,79	2,09	1,73	8,20	9,57	95	3,81	A	895	A++	7,69	6,80	310
	2.0+2.0+4.2	1,66	1,66	3,48	---	1,96	6,80	7,61	0,38	1,78	2,23	1,73	8,15	10,18	95	3,83	A	890	A++	7,67	6,80	310
	2.0+2.0+5.0	1,51	1,51	3,78	---	1,96	6,80	8,01	0,36	1,74	2,39	1,64	7,97	10,96	95	3,93	A	870	A++	7,61	6,80	313
	2.0+2.0+6.0	1,36	1,36	4,08	---	2,31	6,80	8,27	0,40	1,71	2,35	1,85	7,83	10,75	95	3,98	A	855	A++	7,59	6,80	314
	2.0+2.5+2.5	1,94	2,43	2,43	---	1,96	6,80	7,24	0,38	1,77	2,01	1,73	8,11	9,21	95	3,85	A	885	A++	7,71	6,80	309

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXM68N2V1B	2.0+2.5+3.5	1,70	2,13	2,98	---	1,96	6,80	7,74	0,36	1,76	2,31	1,64	8,06	10,55	95	3,87	A	880	A++	7,69	6,80	310
	2.0+2.5+4.2	1,56	1,95	3,28	---	1,96	6,80	7,94	0,36	1,75	2,45	1,64	8,01	11,20	95	3,89	A	875	A++	7,68	6,80	310
	2.0+2.5+5.0	1,43	1,79	3,58	---	1,96	6,80	8,08	0,36	1,71	2,44	1,64	7,83	11,16	95	3,99	A	855	A++	7,61	6,80	313
	2.0+2.5+6.0	1,30	1,62	3,89	---	2,31	6,80	8,55	0,41	1,69	2,53	1,89	7,74	11,57	95	4,04	A	845	A++	7,58	6,80	314
	2.0+3.5+3.5	1,51	2,64	2,64	---	1,96	6,80	8,07	0,37	1,74	2,54	1,68	7,97	11,61	95	3,91	A	870	A++	7,67	6,80	311
	2.0+3.5+4.2	1,40	2,45	2,94	---	1,96	6,80	8,25	0,37	1,74	2,68	1,68	7,97	12,26	95	3,93	A	870	A++	7,65	6,80	311
	2.0+3.5+5.0	1,30	2,27	3,24	---	2,28	6,80	8,58	0,40	1,69	2,82	1,85	7,74	12,91	95	4,03	A	845	A++	7,58	6,80	314
	2.0+4.2+4.2	1,31	2,75	2,75	---	1,96	6,80	8,37	0,37	1,73	2,77	1,68	7,92	12,67	95	3,95	A	865	A++	7,63	6,80	312
	2.5+2.5+2.5	2,27	2,27	2,27	---	1,96	6,80	7,53	0,38	1,76	2,18	1,73	8,06	9,98	95	3,87	A	880	A++	7,70	6,80	310
	2.5+2.5+3.5	2,00	2,00	2,80	---	1,96	6,80	7,94	0,36	1,72	2,45	1,64	7,88	11,20	95	3,97	A	860	A++	7,62	6,80	313
	2.5+2.5+4.2	1,85	1,85	3,10	---	1,96	6,80	8,12	0,36	1,71	2,58	1,64	7,83	11,81	95	3,99	A	855	A++	7,60	6,80	313
	2.5+2.5+5.0	1,70	1,70	3,40	---	2,28	6,80	8,45	0,40	1,67	2,72	1,85	7,65	12,46	95	4,09	A	835	A++	7,53	6,80	316
	2.5+2.5+6.0	1,55	1,55	3,71	---	2,42	6,80	8,74	0,40	1,65	2,67	1,85	7,56	12,22	95	4,14	A	825	A++	7,51	6,80	317
	2.5+3.5+3.5	1,79	2,51	2,51	---	2,27	6,80	8,30	0,40	1,70	2,72	1,85	7,79	12,46	95	4,01	A	850	A++	7,59	6,80	314
	2.5+3.5+4.2	1,67	2,33	2,80	---	2,27	6,80	8,43	0,40	1,69	2,82	1,85	7,74	12,91	95	4,03	A	845	A++	7,58	6,80	314
	2.5+3.5+5.0	1,55	2,16	3,09	---	2,48	6,80	8,74	0,42	1,65	2,96	1,94	7,56	13,56	95	4,13	A	825	A++	7,50	6,80	317
	2.5+4.2+4.2	1,56	2,62	2,62	---	2,27	6,80	8,49	0,40	1,68	2,87	1,85	7,69	13,12	95	4,05	A	840	A++	7,56	6,80	315
	3.5+3.5+3.5	2,27	2,27	2,27	---	2,38	6,80	8,59	0,40	1,68	2,96	1,81	7,69	13,56	95	4,05	A	840	A++	7,57	6,80	315
	1.5+1.5+1.5+1.5	1,65	1,65	1,65	1,65	1,97	6,60	7,09	0,38	1,38	1,63	1,73	6,32	7,45	95	4,79	A	690	A+++	8,54	6,60	271
	1.5+1.5+1.5+2.0	1,52	1,52	1,52	2,03	1,97	6,60	7,27	0,38	1,37	1,70	1,73	6,28	7,78	95	4,85	A	685	A+++	8,52	6,60	271
	1.5+1.5+1.5+2.5	1,41	1,41	1,41	2,36	1,97	6,60	7,45	0,36	1,35	1,78	1,64	6,18	8,15	95	4,91	A	675	A+++	8,50	6,60	272
	1.5+1.5+1.5+3.5	1,28	1,28	1,28	2,98	1,97	6,80	7,87	0,37	1,58	1,99	1,68	7,24	9,12	95	4,31	A	790	A++	8,03	6,80	297
	1.5+1.5+1.5+4.2	1,17	1,17	1,17	3,28	1,97	6,80	8,04	0,37	1,58	2,07	1,68	7,24	9,49	95	4,33	A	790	A++	8,01	6,80	297
	1.5+1.5+1.5+5.0	1,07	1,07	1,07	3,58	2,45	6,80	8,48	0,42	1,54	2,32	1,94	7,05	10,63	95	4,43	A	770	A++	7,94	6,80	300
	1.5+1.5+1.5+6.0	0,97	0,97	0,97	3,89	2,48	6,80	8,38	0,40	1,52	2,08	1,81	6,96	9,53	95	4,48	A	760	A++	7,91	6,80	301
	1.5+1.5+2.0+2.0	1,46	1,46	1,94	1,94	1,97	6,80	7,45	0,38	1,60	1,78	1,73	7,33	8,15	95	4,27	A	800	A++	8,06	6,80	296
	1.5+1.5+2.0+2.5	1,36	1,36	1,81	2,27	1,97	6,80	7,62	0,36	1,58	1,87	1,64	7,24	8,55	95	4,31	A	790	A++	8,05	6,80	296
	1.5+1.5+2.0+3.5	1,20	1,20	1,60	2,80	1,97	6,80	8,03	0,37	1,57	2,07	1,68	7,19	9,49	95	4,35	A	785	A++	8,02	6,80	297
	1.5+1.5+2.0+4.2	1,11	1,11	1,48	3,10	1,97	6,80	8,19	0,37	1,56	2,16	1,68	7,14	9,90	95	4,37	A	780	A++	8,01	6,80	298
	1.5+1.5+2.0+5.0	1,02	1,02	1,36	3,40	2,45	6,80	8,63	0,42	1,53	2,41	1,94	7,01	11,04	95	4,47	A	765	A++	7,93	6,80	301
	1.5+1.5+2.0+6.0	0,93	0,93	1,24	3,71	2,48	6,80	8,56	0,40	1,51	2,18	1,81	6,92	9,98	95	4,52	A	755	A++	7,90	6,80	302
	1.5+1.5+2.5+2.5	1,28	1,28	2,13	2,13	1,97	6,80	7,70	0,36	1,58	1,90	1,64	7,24	8,72	95	4,33	A	790	A++	8,03	6,80	297
	1.5+1.5+2.5+3.5	1,13	1,13	1,89	2,64	2,32	6,80	8,11	0,46	1,56	2,12	2,11	7,14	9,69	95	4,37	A	780	A++	8,01	6,80	298
	1.5+1.5+2.5+4.2	1,05	1,05	1,75	2,94	2,32	6,80	8,27	0,46	1,55	2,21	2,11	7,10	10,10	95	4,39	A	775	A++	7,99	6,80	298
	1.5+1.5+2.5+5.0	0,97	0,97	1,62	3,24	2,45	6,80	8,70	0,42	1,52	2,46	1,94	6,96	11,24	95	4,49	A	760	A++	7,91	6,80	301
	1.5+1.5+3.5+3.5	1,02	1,02	2,38	2,38	2,32	6,80	8,57	0,46	1,55	2,39	2,11	7,10	10,92	95	4,41	A	775	A++	7,98	6,80	299
	1.5+1.5+3.5+4.2	0,95	0,95	2,22	2,67	2,44	6,80	8,65	0,50	1,54	2,44	2,27	7,05	11,16	95	4,43	A	770	A++	7,96	6,80	299
	1.5+2.0+2.0+2.0	1,36	1,81	1,81	1,81	1,97	6,80	7,61	0,38	1,59	1,87	1,73	7,28	8,55	95	4,29	A	795	A++	8,04	6,80	296
	1.5+2.0+2.0+2.5	1,28	1,70	1,70	2,13	1,97	6,80	7,78	0,36	1,58	1,95	1,64	7,24	8,92	95	4,31	A	790	A++	8,02	6,80	297
	1.5+2.0+2.0+3.5	1,13	1,51	1,51	2,64	2,32	6,80	8,18	0,46	1,57	2,16	2,11	7,19	9,90	95	4,35	A	785	A++	8,00	6,80	298
	1.5+2.0+2.0+4.2	1,05	1,40	1,40	2,94	2,32	6,80	8,34	0,46	1,56	2,25	2,11	7,14	10,31	95	4,37	A	780	A++	7,98	6,80	299
	1.5+2.0+2.0+5.0	0,97	1,30	1,30	3,24	2,45	6,80	8,77	0,42	1,53	2,51	1,94	7,01	11,49	95	4,47	A	765	A++	7,90	6,80	302
	1.5+2.0+2.5+2.5	1,20	1,60	2,00	2,00	1,97	6,80	7,86	0,36	1,58	1,99	1,64	7,24	9,12	95	4,33	A	790	A++	8,01	6,80	298
	1.5+2.0+2.5+3.5	1,07	1,43	1,79	2,51	2,32	6,80	8,26	0,46	1,56	2,21	2,11	7,14	10,10	95	4,37	A	780	A++	7,98	6,80	299
	1.5+2.0+2.5+4.2	1,00	1,33	1,67	2,80	2,32	6,80	8,43	0,46	1,55	2,30	2,11	7,10	10,51	95	4,39	A	775	A++	7,96	6,80	299
	1.5+2.0+2.5+5.0	0,93	1,24	1,55	3,09	2,45	6,80	8,85	0,42	1,52	2,55	1,94	6,96	11,69	95	4,49	A	760	A++	7,88	6,80	302
	1.5+2.0+3.5+3.5	0,97	1,30	2,27	2,27	1,98	6,80	8,64	0,37	1,55	2,44	1,68	7,10	11,16	95	4,41	A	775	A++	7,95	6,80	300
	1.5+2.5+2.5+2.5	1,13	1,89	1,89	1,89	1,97	6,80	8,18	0,33	1,57	2,16	1,52	7,19	9,90	95	4,35	A	785	A++	7,99	6,80	298
	1.5+2.5+2.5+3.5	1,02	1,70	1,70	2,38	2,32	6,80	8,49	0,40	1,55	2,34	1,81	7,10	10,71	95	4,39	A	775	A++	7,96	6,80	299
	1.5+2.5+2.5+4.2	0,95	1,59	1,59	2,67	2,32	6,80	8,50	0,41	1,55	2,34	1,89	7,10	10,71	95	4,41	A	775	A++	7,94	6,80	300
	1.5+2.5+3.5+3.5	0,93	1,55	2,16	2,16	2,32	6,80	8,71	0,40	1,54	2,48	1,81	7,05	11,36	95	4,43	A	770	A++	7,93	6,80	300
	2.0+2.0+2.0+2.0	1,70	1,70	1,70	1,70	1,97	6,80	7,78	0,38	1,58	1,95	1,73	7,24	8,92	95	4,31	A	790	A++	8,03	6,80	297
	2.0+2.0+2.0+2.5	1,60	1,60	1,60	2,00	1,97	6,80	7,95	0,36	1,58	2,04	1,64	7,24	9,33	95	4,33	A	790	A++	8,01	6,80	297
	2.0+2.0+2.0+3.5	1,43	1,43	1,43	2,51	1,97	6,80	8,33	0,37	1,56	2,25	1,68	7,14	10,31	95	4,37	A	780	A++	7,98	6,80	298
	2.0+2.0+2.0+4.2	1,33	1,33	1,33	2,80	1,97	6,80	8,49	0,37	1,55	2,34	1,68	7,10	10,71	95	4,39	A	775	A++	7,97	6,80	299
	2.0+2.0+2.0+5.0	1,24	1,24	1,24	3,09	2,45	6,80	8,91	0,42	1,52	2,61	1,94	6,96	11,93	95	4,49	A	760	A++	7,88	6,80	302
	2.0+2.0+2.5+2.5	1,51	1,51	1,89	1,89	1,97	6,80	8,10	0,37	1,57	2,12	1,68	7,19	9,69	95	4,35	A	785	A++	7,99	6,80	298
	2.0+2.0+2.5+3.5	1,36	1,36	1,70	2,38	2,32	6,80	8,49	0,41	1,55	2,34	1,89	7,10	10,71	95	4,39	A	775	A++	7,97	6,80	299
	2.0+2.0+2.5+4.2	1,27	1,27	1,59	2,67	2,32	6,80	8,64	0,41	1,55	2,44	1,89	7,10	11,16	95	4,41	A	775	A++	7,95	6,80	300
	2.0+2.0+3.5+3.5	1,24	1,24	2,16	2,16	2,44	6,80	8,78	0,41	1,55	2,53	1,89	7,10	11,57	95	4,41	A	775	A++	7,95	6,80	300
	2.0+2.5+2.5+2.5	1,43	1,79	1,79	1,79	1,97	6,80	8,33	0,37	1,56	2,25	1,68	7,14	10,31	95	4,37	A	780	A++	7,97	6,80	299
	2.0+2.5+2.5+3.5	1,30	1,62	1,62	2,27	2,32	6,80	8,63	0,41	1,55	2,44	1,89	7,10	11,16	95	4,41	A	775	A++	7,95	6,80	300
	2.5+2.5+2.5+2.5	1,70	1,70	1,70	1,70	2,32	6,80	8,56	0,42	1,55	2,39	1,94	7,10	10,92	95	4,39	A	775	A++	7,96	6,80	299
	2.5+2.5+2.5+3.5	1,55	1,55	1,55	2,16	2,44	6,80	8,90	0,42	1,54	2,63	1,94	7,05	12,02	95	4,43	A	770	A++	7,93	6,80	300

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXM68N2V1B	1,5	2,70	---	---	---	1,47	2,70	4,08	0,42	0,73	1,22	1,91	3,35	5,59	95	---	---	---	---	---	---	---
	2,0	2,72	---	---	---	1,48	2,72	4,09	0,43	0,74	1,23	1,95	3,39	5,64	95	---	---	---	---	---	---	---
	2,5	3,40	---	---	---	1,44	3,40	4,30	0,42	1,03	1,33	1,91	4,72	6,08	95	---	---	---	---	---	---	---
	3,5	4,30	---	---	---	1,45	4,30	4,70	0,40	1,42	1,56	1,82	6,50	7,15	95	---	---	---	---	---	---	---
	4,2	---	---	4,32	---	1,44	4,32	4,69	0,40	1,41	1,56	1,82	6,46	7,15	95	---	---	---	---	---	---	---
	5,0	---	---	5,60	---	1,66	5,60	5,94	0,39	1,84	1,90	1,78	8,43	8,70	95	---	---	---	---	---	---	---
	6,0	---	---	7,90	---	1,88	7,90	8,91	0,37	2,65	2,64	1,69	12,13	12,08	95	---	---	---	---	---	---	---
	1.5+1.5	2,65	2,65	---	---	1,65	5,30	7,38	0,36	1,19	1,83	1,63	5,45	8,38	95	4,45	A	A	3,85	3,80	1380	0,73
	1.5+2.0	2,44	3,26	---	---	1,65	5,70	7,76	0,36	1,31	1,99	1,63	6,00	9,09	95	4,35	A	A	3,85	3,80	1380	0,72
	1.5+2.5	2,29	3,81	---	---	1,65	6,10	7,95	0,36	1,43	2,06	1,63	6,55	9,43	95	4,27	A	A	3,87	3,80	1373	0,71
	1.5+3.5	2,07	4,83	---	---	1,80	6,90	8,50	0,37	1,69	2,35	1,68	7,74	10,74	95	4,10	A	A	3,86	4,30	1558	0,92
	1.5+4.2	1,97	---	5,53	---	1,80	7,50	8,85	0,37	1,90	2,57	1,68	8,70	11,75	95	3,97	A	A	3,88	4,30	1548	0,91
	1.5+5.0	1,89	---	6,31	---	2,18	8,20	10,38	0,45	2,13	2,91	2,06	9,75	13,31	95	3,86	A	A	3,87	4,50	1628	0,96
	1.5+6.0	1,72	---	6,88	---	2,46	8,60	10,58	0,48	2,28	2,67	2,19	10,44	12,21	95	3,78	A	A	3,91	4,80	1717	1,07
	2.0+2.0	3,25	3,25	---	---	1,65	6,50	7,95	0,36	1,37	2,07	1,63	6,28	9,47	95	4,75	A	A	3,91	3,80	1361	0,71
	2.0+2.5	3,07	3,83	---	---	1,65	6,90	8,12	0,36	1,52	2,14	1,63	6,96	9,81	95	4,56	A	A	3,92	3,80	1354	0,71
	2.0+3.5	2,73	4,77	---	---	1,80	7,50	8,67	0,37	1,75	2,43	1,68	8,01	11,12	95	4,30	A	A	3,86	4,30	1558	0,91
	2.0+4.2	2,58	---	5,42	---	1,80	8,00	9,03	0,37	1,98	2,66	1,68	9,07	12,17	95	4,06	A	A	3,88	4,30	1550	0,90
	2.0+5.0	2,46	---	6,14	---	2,18	8,60	10,56	0,45	2,26	3,00	2,06	10,35	13,73	95	3,82	A	A	3,90	4,50	1612	0,96
	2.0+6.0	2,15	---	6,45	---	2,46	8,60	10,75	0,48	2,24	2,74	2,19	10,26	12,55	95	3,84	A	A	3,93	4,80	1710	1,07
	2.5+2.5	3,60	3,60	---	---	1,65	7,20	8,49	0,36	1,62	2,36	1,63	7,42	10,78	95	4,46	A	A	3,85	4,00	1455	0,79
	2.5+3.5	3,29	4,61	---	---	1,89	7,90	9,03	0,38	1,91	2,66	1,72	8,75	12,17	95	4,14	A	A	3,83	4,30	1569	0,90
	2.5+4.2	3,10	---	5,20	---	1,89	8,30	9,29	0,38	2,11	2,82	1,72	9,66	12,93	95	3,95	A	A	3,86	4,30	1559	0,90
	2.5+5.0	2,87	---	5,73	---	2,27	8,60	10,68	0,46	2,24	3,09	2,11	10,26	14,15	95	3,86	A	A	3,84	4,50	1637	0,91
	2.5+6.0	2,53	---	6,07	---	2,55	8,60	10,88	0,50	2,22	2,77	2,28	10,17	12,67	95	3,88	A	A	3,91	4,80	1716	1,00
	3.5+3.5	4,30	4,30	---	---	2,17	8,60	9,38	0,42	2,26	2,86	1,94	10,35	13,09	95	3,81	A	A+	4,00	4,80	1680	1,07
	3.5+4.2	3,91	---	4,69	---	2,17	8,60	9,47	0,42	2,26	2,91	1,94	10,35	13,31	95	3,82	A	A+	4,01	4,80	1675	1,06
	3.5+5.0	3,54	---	5,06	---	2,56	8,60	10,90	0,51	2,22	3,13	2,32	10,17	14,32	95	3,88	A	A+	4,01	4,80	1675	1,03
	3.5+6.0	3,17	---	5,43	---	2,74	8,60	11,01	0,52	2,21	2,76	2,37	10,12	12,63	95	3,91	A	A+	4,06	4,80	1652	1,01
	4.2+4.2	---	---	4,30	4,30	2,17	8,60	9,56	0,42	2,22	2,94	1,94	10,17	13,47	95	3,88	A	A+	4,00	4,80	1679	1,04
	4.2+5.0	---	---	3,93	4,67	2,56	8,60	10,91	0,51	2,21	3,19	2,32	10,12	14,61	95	3,90	A	A	3,93	5,20	1851	1,20
	4.2+6.0	---	---	3,54	5,06	2,74	8,60	11,02	0,51	2,20	2,79	2,32	10,07	12,76	95	3,92	A	A+	4,03	5,20	1804	1,18
	5.0+5.0	---	---	4,30	4,30	2,94	8,60	11,10	0,59	2,17	3,11	2,71	9,94	14,23	95	3,98	A	A+	4,06	5,20	1793	1,15
	5.0+6.0	---	---	3,91	4,69	3,14	8,60	11,09	0,60	2,15	2,72	2,75	9,84	12,46	95	4,01	A	A+	4,09	5,20	1779	1,13
	1.5+1.5+1.5	2,17	2,17	2,17	---	2,01	6,50	9,92	0,41	1,33	2,26	1,89	6,09	10,36	95	4,91	A	A+	4,07	5,30	1822	1,11
	1.5+1.5+2.0	2,07	2,07	2,76	---	2,01	6,90	10,10	0,41	1,46	2,34	1,89	6,69	10,69	95	4,74	A	A+	4,08	5,30	1817	1,10
	1.5+1.5+2.5	2,02	2,02	3,36	---	2,10	7,40	10,18	0,42	1,64	2,37	1,94	7,51	10,86	95	4,53	A	A+	4,09	5,30	1810	1,09
	1.5+1.5+3.5	1,89	1,89	4,42	---	2,31	8,20	10,29	0,44	1,87	2,49	2,02	8,56	11,41	95	4,39	A	A+	4,14	5,30	1793	1,07
	1.5+1.5+4.2	1,79	1,79	5,02	---	2,31	8,60	10,29	0,44	2,03	2,49	2,02	9,30	11,41	95	4,25	A	A+	4,15	5,30	1786	1,07
	1.5+1.5+5.0	1,61	1,61	5,38	---	2,71	8,60	10,46	0,55	2,01	2,57	2,50	9,20	11,75	95	4,29	A	A+	4,23	5,30	1752	1,03
	1.5+1.5+6.0	1,43	1,43	5,73	---	2,93	8,60	10,59	0,55	1,99	2,31	2,50	9,11	10,57	95	4,33	A	A+	4,27	5,30	1735	1,01
	1.5+2.0+2.0	2,35	3,13	3,13	---	2,01	8,60	10,26	0,41	2,05	2,41	1,89	9,39	11,03	95	4,21	A	A+	4,09	5,30	1814	1,10
	1.5+2.0+2.5	2,15	2,87	3,58	---	2,10	8,60	10,36	0,42	2,04	2,44	1,94	9,34	11,16	95	4,23	A	A+	4,10	5,30	1807	1,09
	1.5+2.0+3.5	1,84	2,46	4,30	---	2,31	8,60	10,45	0,44	2,02	2,58	2,02	9,25	11,79	95	4,26	A	A+	4,14	5,30	1793	1,07
	1.5+2.0+4.2	1,68	2,23	4,69	---	2,31	8,60	10,46	0,44	2,01	2,57	2,02	9,20	11,75	95	4,28	A	A+	4,15	5,30	1786	1,07
	1.5+2.0+5.0	1,52	2,02	5,06	---	2,71	8,60	10,88	0,55	2,00	2,64	2,50	9,16	12,08	95	4,32	A	A+	4,23	5,30	1752	1,03
	1.5+2.0+6.0	1,36	1,81	5,43	---	2,93	8,60	10,89	0,55	1,98	2,38	2,50	9,07	10,91	95	4,36	A	A+	4,27	5,30	1735	1,01
	1.5+2.5+2.5	1,98	3,31	3,31	---	2,20	8,60	10,47	0,45	2,03	2,44	2,06	9,30	11,16	95	4,25	A	A+	4,12	5,30	1800	1,08
	1.5+2.5+3.5	1,72	2,87	4,01	---	2,40	8,60	10,58	0,47	2,02	2,57	2,15	9,25	11,75	95	4,27	A	A+	4,16	5,30	1782	1,06
	1.5+2.5+4.2	1,57	2,62	4,40	---	2,41	8,60	10,58	0,47	2,00	2,57	2,15	9,16	11,75	95	4,30	A	A+	4,19	5,30	1768	1,05
	1.5+2.5+5.0	1,43	2,39	4,78	---	2,81	8,60	11,00	0,56	1,99	2,64	2,58	9,11	12,08	95	4,34	A	A+	4,27	5,30	1735	1,01
	1.5+2.5+6.0	1,29	2,15	5,16	---	3,02	8,60	10,77	0,57	1,97	2,38	2,62	9,02	10,91	95	4,38	A	A+	4,31	5,30	1719	0,99
	1.5+3.5+3.5	1,52	3,54	3,54	---	2,69	8,60	10,59	0,55	1,99	2,57	2,50	9,11	11,75	95	4,33	A	A+	4,20	5,30	1765	1,04
	1.5+3.5+4.2	1,40	3,27	3,93	---	2,69	8,60	10,59	0,55	1,98	2,56	2,50	9,07	11,71	95	4,35	A	A+	4,22	5,30	1755	1,03
	1.5+3.5+5.0	1,29	3,01	4,30	---	3,00	8,60	10,93	0,62	1,97	2,59	2,84	9,02	11,87	95	4,38	A	A+	4,30	5,30	1722	0,99
	1.5+3.5+6.0	1,17	2,74	4,69	---	2,93	8,60	10,78	0,55	1,96	2,37	2,50	8,98	10,86	95	4,40	A	A+	4,34	5,30	1707	0,98
	1.5+4.2+4.2	1,30	---	3,65	3,65	2,69	8,60	10,68	0,55	1,98	2,59	2,50	9,07	11,87	95	4,35	A	A+	4,24	5,30	1748	1,02
	1.5+4.2+5.0	1,21	---	3,38	4,02	3,00	8,60	10,99	0,62	1,96	2,67	2,84	8,98	12,21	95	4,39	A	A+	4,32	5,30	1716	0,99
	2.0+2.0+2.0	2,60	2,60	2,60	---	2,01	7,80	10,44	0,41	1,72	2,48	1,89	7,88	11,37	95	4,56	A	A+	4,07	5,30	1821	1,10
	2.0+2.0+2.5	2,52	2,52	3,15	---	2,10	8,20	10,52	0,42	1,83	2,52	1,94	8,38	11,54	95	4,49	A	A+	4,09	5,30	1814	1,10
	2.0+2.0+3.5	2,29	2,29	4,01	---	2,31	8,60	10,63	0,44	2,04	2,65	2,02	9,34	12,13	95	4,22	A	A+	4,13	5,30	1796	1,08
	2.0+2.0+4.2	2,10	2,10	4,40	---	2,31	8,60	10,63	0,44	2,02	2,65	2,02	9,25	12,13	95	4,26	A	A+	4,14	5,30	1789	1,07
	2.0+2.0+5.0	1,91	1,91	4,78	---	2,71	8,60	10,82	0,55	2,00	2,72	2,50	9,16	12,46	95	4,30	A	A+	4,22	5,30	1755	1,03
	2.0+2.0+6.0	1,72	1,72	5,16	---	2,93	8,60	10,95	0,55	1,99	2,46	2,50	9,11	11,24	95	4,32	A	A+	4,26	5,30	1739	1,01
	2.0+2.5+2.5	2,46	3,07	3,07	---	2,20	8,60	10,54	0,43	1,97	2,61	1,98	9,02	11,96	95	4,38	A	A+	4,10	5,30	1807	1,09

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXM68N2V1B	2.0+2.5+3.5	2,15	2,69	3,76	---	2,40	8,60	10,63	0,46	2,02	2,65	2,11	9,25	12,13	95	4,27	A	A+	4,14	5,30	1789	1,07
	2.0+2.5+4.2	1,98	2,47	4,15	---	2,41	8,60	10,64	0,46	2,01	2,64	2,11	9,20	12,08	95	4,29	A	A+	4,16	5,30	1782	1,06
	2.0+2.5+5.0	1,81	2,26	4,53	---	2,81	8,60	11,06	0,56	1,98	2,75	2,58	9,07	12,59	95	4,34	A	A+	4,24	5,30	1748	1,02
	2.0+2.5+6.0	1,64	2,05	4,91	---	3,02	8,60	11,07	0,56	1,98	2,43	2,58	9,07	11,12	95	4,36	A	A+	4,28	5,30	1732	1,01
	2.0+3.5+3.5	1,91	3,34	3,34	---	2,69	8,60	10,76	0,52	2,00	2,70	2,37	9,16	12,34	95	4,32	A	A+	4,18	5,30	1772	1,05
	2.0+3.5+4.2	1,77	3,10	3,72	---	2,69	8,60	10,76	0,52	1,99	2,69	2,37	9,11	12,29	95	4,33	A	A+	4,20	5,30	1765	1,04
	2.0+3.5+5.0	1,64	2,87	4,10	---	3,00	8,60	11,11	0,58	1,98	2,82	2,67	9,07	12,88	95	4,36	A	A+	4,28	5,30	1732	1,01
	2.0+4.2+4.2	1,65	---	3,47	3,47	2,69	8,60	10,77	0,52	1,97	2,69	2,37	9,02	12,29	95	4,38	A	A+	4,32	5,30	1716	0,99
	2.5+2.5+2.5	2,87	2,87	2,87	---	2,31	8,60	10,65	0,45	1,99	2,64	2,06	9,11	12,08	95	4,32	A	A+	4,12	5,30	1800	1,08
	2.5+2.5+3.5	2,53	2,53	3,54	---	2,50	8,60	10,87	0,48	1,99	2,72	2,19	9,11	12,46	95	4,34	A	A+	4,16	5,30	1782	1,06
	2.5+2.5+4.2	2,34	2,34	3,93	---	2,50	8,60	10,88	0,48	1,97	2,72	2,19	9,02	12,46	95	4,37	A	A+	4,18	5,30	1775	1,05
	2.5+2.5+5.0	2,15	2,15	4,30	---	2,91	8,60	11,07	0,58	1,96	2,78	2,67	8,98	12,72	95	4,41	A	A+	4,26	5,30	1742	1,02
	2.5+2.5+6.0	1,95	1,95	4,69	---	3,12	8,60	11,08	0,58	1,94	2,43	2,67	8,88	11,12	95	4,45	A	A+	4,30	5,30	1726	1,00
	2.5+3.5+3.5	2,26	3,17	3,17	---	2,78	8,60	11,00	0,53	1,96	2,72	2,41	8,98	12,46	95	4,40	A	A+	4,20	5,30	1765	1,04
	2.5+3.5+4.2	2,11	2,95	3,54	---	2,79	8,60	11,01	0,53	1,96	2,71	2,41	8,98	12,42	95	4,41	A	A+	4,22	5,30	1758	1,04
	2.5+3.5+5.0	1,95	2,74	3,91	---	3,19	8,60	11,08	0,60	1,90	2,74	2,75	8,70	12,55	95	4,54	A	A+	4,30	5,30	1726	1,00
	2.5+4.2+4.2	1,97	---	3,31	3,31	2,79	8,60	11,01	0,53	1,95	2,71	2,41	8,93	12,42	95	4,42	A	A+	4,23	5,30	1752	1,03
	3.5+3.5+3.5	2,87	2,87	2,87	---	2,98	8,60	11,06	0,57	1,94	2,79	2,62	8,88	12,76	95	4,44	A	A+	4,24	5,30	1748	1,02
	1.5+1.5+1.5+1.5	1,95	1,95	1,95	1,95	2,47	7,80	10,07	0,49	1,62	2,12	2,24	7,42	9,68	95	4,82	A	A+	4,18	5,80	1942	1,15
	1.5+1.5+1.5+2.0	1,89	1,89	1,89	2,52	2,47	8,20	10,25	0,49	1,77	2,19	2,24	8,11	10,02	95	4,65	A	A+	4,19	5,80	1937	1,15
	1.5+1.5+1.5+2.5	1,84	1,84	1,84	3,07	2,57	8,60	10,36	0,50	1,88	2,15	2,28	8,61	9,85	95	4,59	A	A+	4,19	5,80	1934	1,14
	1.5+1.5+1.5+3.5	1,61	1,61	1,61	3,76	2,77	8,60	10,46	0,54	1,84	2,21	2,45	8,43	10,11	95	4,68	A	A+	4,24	5,80	1915	1,13
	1.5+1.5+1.5+4.2	1,48	1,48	1,48	4,15	2,78	8,60	10,46	0,53	1,84	2,20	2,41	8,43	10,06	95	4,70	A	A+	4,27	5,80	1901	1,12
	1.5+1.5+1.5+5.0	1,36	1,36	1,36	4,53	3,10	8,60	10,52	0,59	1,83	2,13	2,71	8,38	9,73	95	4,71	A	A+	4,28	5,80	1896	1,08
	1.5+1.5+1.5+6.0	1,23	1,23	1,23	4,91	3,04	8,60	10,88	0,45	1,79	1,98	2,06	8,20	9,05	95	4,81	A	A+	4,38	5,80	1854	1,06
	1.5+1.5+2.0+2.0	1,84	1,84	2,46	2,46	2,47	8,60	10,44	0,49	1,87	2,26	2,24	8,56	10,36	95	4,60	A	A+	4,20	5,80	1931	1,14
	1.5+1.5+2.0+2.5	1,72	1,72	2,29	2,87	2,57	8,60	10,54	0,50	1,87	2,23	2,28	8,56	10,19	95	4,62	A	A+	4,21	5,80	1926	1,13
	1.5+1.5+2.0+3.5	1,52	1,52	2,02	3,54	2,77	8,60	10,64	0,54	1,84	2,27	2,45	8,43	10,40	95	4,70	A	A+	4,28	5,80	1895	1,12
	1.5+1.5+2.0+4.2	1,40	1,40	1,87	3,93	2,78	8,60	10,65	0,53	1,82	2,27	2,41	8,33	10,40	95	4,74	A	A+	4,32	5,80	1877	1,11
	1.5+1.5+2.0+5.0	1,29	1,29	1,72	4,30	3,10	8,60	10,71	0,59	1,82	2,20	2,71	8,33	10,06	95	4,75	A	A+	4,34	5,80	1871	1,07
	1.5+1.5+2.0+6.0	1,17	1,17	1,56	4,69	3,04	8,60	11,07	0,45	1,78	2,04	2,06	8,15	9,35	95	4,85	A	A+	4,44	5,80	1829	1,05
	1.5+1.5+2.5+2.5	1,61	1,61	2,69	2,69	2,67	8,60	10,55	0,52	1,86	2,23	2,37	8,52	10,19	95	4,63	A	A+	4,22	5,80	1921	1,12
	1.5+1.5+2.5+3.5	1,43	1,43	2,39	3,34	2,98	8,60	10,65	0,59	1,82	2,27	2,71	8,33	10,40	95	4,74	A	A+	4,32	5,80	1878	1,11
	1.5+1.5+2.5+4.2	1,33	1,33	2,22	3,72	2,98	8,60	10,65	0,58	1,81	2,27	2,67	8,29	10,40	95	4,77	A	A+	4,34	5,80	1869	1,10
	1.5+1.5+2.5+5.0	1,23	1,23	2,05	4,10	3,10	8,60	10,90	0,59	1,80	2,26	2,71	8,24	10,36	95	4,80	A	A+	4,38	5,80	1852	1,06
	1.5+1.5+3.5+3.5	1,29	1,29	3,01	3,01	3,18	8,60	10,75	0,64	1,78	2,30	2,93	8,15	10,53	95	4,85	A	A+	4,45	5,80	1822	1,09
	1.5+1.5+3.5+4.2	1,21	1,21	2,81	3,38	2,99	8,60	10,85	0,58	1,78	2,34	2,67	8,15	10,69	95	4,86	A	A++	4,60	5,80	1765	1,09
	1.5+2.0+2.0+2.0	1,72	2,29	2,29	2,29	2,47	8,60	10,63	0,49	1,87	2,34	2,24	8,56	10,69	95	4,62	A	A+	4,21	5,80	1926	1,13
	1.5+2.0+2.0+2.5	1,61	2,15	2,15	2,69	2,57	8,60	10,72	0,50	1,86	2,29	2,28	8,52	10,48	95	4,63	A	A+	4,22	5,80	1921	1,12
	1.5+2.0+2.0+3.5	1,43	1,91	1,91	3,34	2,77	8,60	10,83	0,54	1,81	2,35	2,45	8,29	10,74	95	4,76	A	A+	4,32	5,80	1880	1,11
	1.5+2.0+2.0+4.2	1,33	1,77	1,77	3,72	2,78	8,60	10,84	0,53	1,80	2,35	2,41	8,24	10,74	95	4,78	A	A+	4,33	5,80	1872	1,10
	1.5+2.0+2.0+5.0	1,23	1,64	1,64	4,10	3,10	8,60	10,90	0,59	1,79	2,26	2,71	8,20	10,36	95	4,82	A	A+	4,36	5,80	1859	1,06
	1.5+2.0+2.5+2.5	1,52	2,02	2,53	2,53	2,67	8,60	10,72	0,52	1,86	2,29	2,37	8,52	10,48	95	4,65	A	A+	4,23	5,80	1917	1,12
	1.5+2.0+2.5+3.5	1,36	1,81	2,26	3,17	2,98	8,60	10,83	0,59	1,80	2,35	2,71	8,24	10,74	95	4,78	A	A+	4,34	5,80	1871	1,10
	1.5+2.0+2.5+4.2	1,26	1,69	2,11	3,54	2,98	8,60	10,84	0,58	1,80	2,35	2,67	8,24	10,74	95	4,80	A	A+	4,35	5,80	1864	1,09
	1.5+2.0+2.5+5.0	1,17	1,56	1,95	3,91	3,10	8,60	11,09	0,59	1,79	2,34	2,71	8,20	10,69	95	4,83	A	A+	4,38	5,80	1854	1,06
	1.5+2.0+3.5+3.5	1,23	1,64	2,87	2,87	3,18	8,60	10,93	0,64	1,78	2,37	2,93	8,15	10,86	95	4,84	A	A++	4,62	5,80	1757	1,09
	1.5+2.5+2.5+2.5	1,43	2,39	2,39	2,39	2,77	8,60	10,73	0,55	1,85	2,29	2,50	8,47	10,48	95	4,66	A	A+	4,24	5,80	1912	1,11
	1.5+2.5+2.5+3.5	1,29	2,15	2,15	3,01	3,08	8,60	10,92	0,62	1,79	2,38	2,84	8,20	10,91	95	4,81	A	A+	4,37	5,80	1858	1,09
	1.5+2.5+2.5+4.2	1,21	2,01	2,01	3,38	2,98	8,60	11,01	0,58	1,78	2,41	2,67	8,15	11,03	95	4,83	A	A+	4,39	5,80	1848	1,09
	1.5+2.5+3.5+3.5	1,17	1,95	2,74	2,74	3,18	8,60	11,02	0,64	1,76	2,41	2,93	8,06	11,03	95	4,90	A	A+++	4,63	5,80	1751	1,08
	2.0+2.0+2.0+2.0	2,15	2,15	2,15	2,15	2,47	8,60	10,81	0,49	1,86	2,40	2,24	8,52	10,99	95	4,63	A	A+	4,22	5,80	1921	1,12
	2.0+2.0+2.0+2.5	2,02	2,02	2,02	2,53	2,57	8,60	10,90	0,50	1,86	2,36	2,28	8,52	10,82	95	4,65	A	A+	4,23	5,80	1917	1,12
	2.0+2.0+2.0+3.5	1,81	1,81	1,81	3,17	2,77	8,60	11,00	0,54	1,79	2,42	2,45	8,20	11,07	95	4,83	A	A+	4,38	5,80	1853	1,10
	2.0+2.0+2.0+4.2	1,69	1,69	1,69	3,54	2,78	8,60	11,01	0,53	1,80	2,42	2,41	8,24	11,07	95	4,80	A	A+	4,40	5,80	1846	1,09
	2.0+2.0+2.0+5.0	1,56	1,56	1,56	3,91	3,10	8,60	11,08	0,59	1,78	2,34	2,71	8,15	10,69	95	4,83	A	A+	4,42	5,80	1836	1,06
	2.0+2.0+2.5+2.5	1,91	1,91	2,39	2,39	2,67	8,60	10,91	0,52	1,85	2,36	2,37	8,47	10,82	95	4,66	A	A+	4,24	5,80	1912	1,11
	2.0+2.0+2.5+3.5	1,72	1,72	2,15	3,01	2,98	8,60	11,01	0,56	1,78	2,42	2,58	8,15	11,07	95	4,83	A	A+	4,39	5,80	1850	1,09
	2.0+2.0+2.5+4.2	1,61	1,61	2,01	3,38	2,98	8,60	11,01	0,56	1,78	2,42	2,58	8,15	11,07	95	4,85	A	A+	4,40	5,80	1842	1,09
	2.0+2.0+3.5+3.5	1,56	1,56	2,74	2,74	3,18	8,60	11,12	0,61	1,76	2,45	2,80	8,06	11,20	95	4,90	A	A+++	4,65	5,80	1745	1,08
	2.0+2.5+2.5+2.5	1,81	2,26	2,26	2,26	2,77	8,60	10,91	0,54	1,84	2,36	2,45	8,43	10,82	95	4,68	A	A+	4,26	5,80	1905	1,10
	2.0+2.5+2.5+3.5	1,64	2,05	2,05	2,87	3,08	8,60	11,11	0,59	1,78	2,46	2,71	8,15	11,24	95	4,85	A	A+	4,39	5,80	1846	1,08
	2.5+2.5+2.5+2.5	2,15	2,15	2,15	2,15	2,88	8,60	11,10	0,54	1,84	2,38	2,45	8,43	10,91	95	4,70	A	A+	4,27	5,80	1900	1,09
	2.5+2.5+2.5+3.5	1,95	1,95	1,95	2,74	3,18	8,60	11,11	0,60	1,79	2,37	2,75	8,20	10,86	95	4,83	A	A+	4,42	5,80	1835	1,08

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXM80N2V1B	1,5	1,80	---	---	---	1,73	1,80	2,89	0,42	0,52	1,00	1,91	2,38	4,57	95	---	---	---	---	---	---	---
	2,0	2,00	---	---	---	1,78	2,00	3,05	0,45	0,60	1,04	2,04	2,75	4,75	95	---	---	---	---	---	---	---
	2,5	2,50	---	---	---	1,85	2,50	3,59	0,48	0,78	1,31	2,18	3,57	5,99	95	---	---	---	---	---	---	---
	3,5	3,50	---	---	---	1,89	3,50	4,95	0,48	1,19	1,52	2,18	5,45	6,97	95	---	---	---	---	---	---	---
	4,2	---	4,20	---	---	1,94	4,20	5,02	0,49	1,43	1,53	2,22	6,55	7,01	95	---	---	---	---	---	---	---
	5,0	---	5,00	---	---	2,05	5,00	5,76	0,46	1,67	1,76	2,09	7,65	8,04	95	---	---	---	---	---	---	---
	6,0	---	6,00	---	---	2,15	6,00	6,73	0,46	2,01	2,36	2,09	9,20	10,79	95	---	---	---	---	---	---	---
	7,1	---	7,10	---	---	2,26	7,10	7,41	0,49	2,71	2,75	2,22	12,41	12,56	95	---	---	---	---	---	---	---
	1.5+1.5	1,50	1,50	---	---	1,87	3,00	4,11	0,42	0,47	0,97	1,94	2,16	4,44	95	6,48	A	235	A++	6,96	3,0	151
	1.5+2.0	1,50	2,00	---	---	1,89	3,50	4,60	0,46	0,57	1,14	2,11	2,61	5,21	95	6,18	A	285	A++	7,09	3,5	173
	1.5+2.5	1,50	2,50	---	---	1,95	4,00	5,07	0,42	0,69	1,23	1,94	3,16	5,62	95	5,88	A	345	A++	7,18	4,0	195
	1.5+3.5	1,50	3,50	---	---	2,05	5,00	5,95	0,42	0,93	1,62	1,94	4,26	7,41	95	5,43	A	465	A++	7,33	5,0	239
	1.5+4.2	1,50	4,20	---	---	2,12	5,70	6,51	0,46	1,14	1,87	2,11	5,22	8,55	95	5,03	A	570	A++	7,34	5,7	272
	1.5+5.0	1,50	5,00	---	---	2,20	6,50	7,09	0,47	1,35	2,23	2,15	6,18	10,22	95	4,83	A	675	A++	7,41	6,5	307
	1.5+6.0	1,48	5,92	---	---	2,32	7,40	7,74	0,51	1,64	2,38	2,32	7,51	10,88	95	4,53	A	820	A++	7,36	7,4	352
	1.5+7.1	1,40	6,60	---	---	2,47	8,00	8,35	0,54	1,85	2,74	2,48	8,47	12,55	95	4,33	A	925	A++	7,35	8,0	410
	2.0+2.0	2,00	2,00	---	---	1,95	4,00	5,41	0,46	0,68	1,49	2,11	3,12	6,80	95	5,90	A	340	A++	7,18	4,0	195
	2.0+2.5	2,00	2,50	---	---	2,00	4,50	5,84	0,46	0,82	1,58	2,11	3,76	7,21	95	5,55	A	410	A++	7,23	4,5	218
	2.0+3.5	2,00	3,50	---	---	2,10	5,50	6,44	0,46	1,06	2,17	2,11	4,86	9,94	95	5,23	A	530	A++	7,38	5,5	261
	2.0+4.2	2,00	4,20	---	---	2,17	6,20	6,91	0,46	1,27	2,28	2,11	5,82	10,43	95	4,91	A	635	A++	7,39	6,2	294
	2.0+5.0	2,00	5,00	---	---	2,25	7,00	7,45	0,47	1,47	2,46	2,15	6,73	11,24	95	4,78	A	735	A++	7,43	7,0	330
	2.0+6.0	1,85	5,55	---	---	2,39	7,40	8,06	0,51	1,61	2,55	2,32	7,37	11,69	95	4,61	A	805	A++	7,38	7,4	351
	2.0+7.1	1,76	6,24	---	---	2,53	8,00	8,62	0,54	1,76	2,93	2,48	8,06	13,40	95	4,57	A	880	A++	7,40	8,0	379
	2.5+2.5	2,50	2,50	---	---	2,05	5,00	6,24	0,42	0,92	2,17	1,94	4,22	9,94	95	5,48	A	460	A++	7,34	5,0	239
	2.5+3.5	2,50	3,50	---	---	2,15	6,00	6,73	0,46	1,24	2,12	2,11	5,68	9,69	95	4,87	A	620	A++	7,39	6,0	285
	2.5+4.2	2,50	4,20	---	---	2,22	6,70	7,25	0,46	1,39	2,34	2,11	6,37	10,71	95	4,82	A	695	A++	7,45	6,7	315
	2.5+5.0	2,47	4,93	---	---	2,32	7,40	7,74	0,50	1,61	2,63	2,27	7,37	12,06	95	4,61	A	805	A++	7,36	7,4	352
	2.5+6.0	2,35	5,65	---	---	2,46	8,00	8,32	0,54	1,76	2,73	2,48	8,06	12,50	95	4,57	A	880	A++	7,40	8,0	379
	2.5+7.1	2,08	5,92	---	---	2,60	8,00	8,83	0,54	1,79	3,05	2,48	8,20	13,97	95	4,49	A	895	A++	7,39	8,0	403
	3.5+3.5	3,50	3,50	---	---	2,25	7,00	7,45	0,46	1,47	2,56	2,11	6,73	11,73	95	4,78	A	735	A++	7,43	7,0	330
	3.5+4.2	3,50	4,20	---	---	2,35	7,70	7,88	0,50	1,69	2,74	2,27	7,74	12,55	95	4,58	A	845	A++	7,40	7,7	365
	3.5+5.0	3,29	4,71	---	---	2,46	8,00	8,32	0,53	1,75	3,00	2,44	8,01	13,73	95	4,59	A	875	A++	7,37	8,0	380
	3.5+6.0	2,95	5,05	---	---	2,58	8,00	8,79	0,54	1,73	3,66	2,48	7,92	16,74	95	4,64	A	865	A++	7,38	8,0	380
	3.5+7.1	2,64	5,36	---	---	2,74	8,00	8,48	0,58	1,87	2,80	2,65	8,56	12,83	95	4,29	A	935	A++	7,27	8,0	434
	4.2+4.2	---	4,00	4,00	---	2,44	8,00	8,27	0,53	1,81	3,04	2,44	8,29	13,93	95	4,43	A	905	A++	7,38	8,0	399
	4.2+5.0	---	3,65	4,35	---	2,54	8,00	8,65	0,53	1,77	3,20	2,44	8,11	14,62	95	4,53	A	885	A++	7,32	8,0	383
	4.2+6.0	---	3,29	4,71	---	2,68	8,00	9,07	0,58	1,82	3,26	2,65	8,33	14,91	95	4,41	A	910	A++	7,29	8,0	408
	4.2+7.1	---	2,97	5,03	---	2,83	8,00	9,34	0,62	1,87	3,40	2,82	8,56	15,56	95	4,30	A	935	A++	7,27	8,0	434
	5.0+5.0	---	4,00	4,00	---	2,65	8,00	8,83	0,57	1,74	3,22	2,61	7,97	14,75	95	4,61	A	870	A++	7,40	8,0	402
	5.0+6.0	---	3,64	4,36	---	2,79	8,00	9,32	0,62	1,72	3,28	2,82	7,88	15,03	95	4,66	A	860	A++	7,44	8,0	423
	5.0+7.1	---	3,31	4,69	---	2,94	8,00	9,54	0,62	1,70	3,43	2,82	7,79	15,68	95	4,71	A	850	A++	7,45	8,0	423
	6.0+6.0	---	4,36	3,64	---	2,93	8,00	9,58	0,62	1,71	3,20	2,82	7,83	14,66	95	4,68	A	855	A++	7,45	8,0	423
	6.0+7.1	---	3,66	4,34	---	3,08	8,00	9,74	0,65	1,70	3,35	2,99	7,79	15,32	95	4,73	A	850	A++	7,45	8,0	423
	7.1+7.1	---	4,00	4,00	---	3,23	8,00	9,79	0,69	1,70	3,36	3,16	7,79	15,36	95	4,73	A	850	A++	7,45	8,0	423
	1.5+1.5+1.5	1,50	1,50	1,50	---	2,00	4,50	5,52	0,44	0,76	1,31	2,02	3,48	5,99	95	5,98	A	380	A++	7,93	4,5	199
	1.5+1.5+2.0	1,50	1,50	2,00	---	2,05	5,00	5,95	0,48	0,87	1,49	2,19	3,99	6,80	95	5,80	A	435	A++	8,00	5,0	219
	1.5+1.5+2.5	1,50	1,50	2,50	---	2,10	5,50	6,35	0,48	0,98	1,68	2,19	4,49	7,70	95	5,62	A	490	A++	8,23	5,5	234
	1.5+1.5+3.5	1,50	1,50	3,50	---	2,20	6,50	7,09	0,48	1,24	2,04	2,19	5,68	9,33	95	5,27	A	620	A++	8,25	6,5	276
	1.5+1.5+4.2	1,50	1,50	4,20	---	2,28	7,20	7,56	0,48	1,43	2,26	2,19	6,55	10,35	95	5,05	A	715	A++	8,22	7,2	307
	1.5+1.5+5.0	1,39	1,39	4,63	---	2,39	7,40	8,04	0,52	1,53	2,45	2,36	7,01	11,20	95	4,86	A	765	A++	8,14	7,4	318
	1.5+1.5+6.0	1,33	1,33	5,33	---	2,52	8,00	8,55	0,55	1,73	2,54	2,53	7,92	11,61	95	4,64	A	865	A++	8,09	8,0	346
	1.5+1.5+7.1	1,19	1,19	5,62	---	2,67	8,00	9,02	0,59	1,81	2,79	2,69	8,29	12,79	95	4,42	A	905	A++	8,04	8,0	370
	1.5+2.0+2.0	1,50	2,00	2,00	---	2,10	5,50	6,35	0,48	0,98	1,68	2,19	4,49	7,70	95	5,64	A	490	A++	8,21	5,5	235
	1.5+2.0+2.5	1,50	2,00	2,50	---	2,15	6,00	6,73	0,48	1,10	1,83	2,19	5,04	8,39	95	5,46	A	550	A++	8,20	6,0	256
	1.5+2.0+3.5	1,50	2,00	3,50	---	2,25	7,00	7,43	0,48	1,36	2,21	2,19	6,23	10,10	95	5,18	A	680	A++	8,23	7,0	298
	1.5+2.0+4.2	1,50	2,00	4,20	---	2,35	7,70	7,86	0,51	1,62	2,44	2,32	7,42	11,16	95	4,78	A	810	A++	8,16	7,7	331
	1.5+2.0+5.0	1,41	1,88	4,71	---	2,46	8,00	8,30	0,54	1,72	2,63	2,48	7,88	12,02	95	4,66	A	860	A++	8,08	8,0	347
	1.5+2.0+6.0	1,26	1,68	5,05	---	2,58	8,00	8,77	0,55	1,71	2,67	2,53	7,83	12,22	95	4,68	A	855	A++	8,07	8,0	347
	1.5+2.0+7.1	1,13	1,51	5,36	---	2,74	8,00	9,19	0,59	1,85	2,93	2,69	8,47	13,40	95	4,33	A	925	A++	7,98	8,0	395
	1.5+2.5+2.5	1,50	2,50	2,50	---	2,20	6,50	7,09	0,48	1,24	2,04	2,19	5,68	9,33	95	5,26	A	620	A++	8,21	6,5	278
	1.5+2.5+3.5	1,48	2,47	3,45	---	2,32	7,40	7,74	0,51	1,51	2,38	2,32	6,92	10,88	95	4,93	A	755	A++	8,19	7,4	317
	1.5+2.5+4.2	1,46	2,44	4,10	---	2,42	8,00	8,15	0,51	1,75	2,62	2,32	8,01	11,98	95	4,58	A	875	A++	8,07	8,0	356
	1.5+2.5+5.0	1,33	2,22	4,44	---	2,52	8,00	8,55	0,54	1,72	2,76	2,48	7,88	12,63	95	4,66	A	860	A++	8,08	8,0	347
	1.5+2.5+6.0	1,20	2,00	4,80	---	2,65	8,00	8,98	0,55	1,81	2,79	2,53	8,29	12,79	95	4,42	A	905	A++	8,04	8,0	370
	1.5+2.5+7.1	1,08	1,80	5,12	---	2,80	8,00	9,34	0,59	1,85	3,00	2,69	8,47	13,73	95	4,33	A	925	A++	7,98	8,0	395
	1.5+3.5+3.5	1,41	3,29	3,29	---	2,46	8,00	8,30	0,54	1,76	2,74	2,48	8,06	12,55	95	4,56	A	880	A++	8,05	8,0	348
	1.5+3.5+4.2	1,30	3,04	3,65	---	2,54	8,00	8,64	0,54	1,75	2,93	2,48	8,01	13,40	95	4,58	A	875	A++	8,04	8,0	349

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXM80N2V1B	1.5+3.5+5.0	1,20	2,80	4,00	---	2,65	8,00	8,98	0,58	1,81	3,08	2,65	8,29	14,09	95	4,42	A	905	A++	8,04	8,0	370
	1.5+3.5+6.0	1,09	2,55	4,36	---	2,79	8,00	9,31	0,59	1,85	3,00	2,69	8,47	13,73	95	4,33	A	925	A++	7,98	8,0	395
	1.5+3.5+7.1	0,99	2,31	4,69	---	2,94	8,00	9,58	0,62	1,83	3,21	2,82	8,38	14,70	95	4,38	A	915	A++	7,99	8,0	394
	1.5+4.2+4.2	1,21	3,39	3,39	---	2,64	8,00	8,94	0,58	1,74	3,12	2,65	7,97	14,30	95	4,60	A	870	A++	8,20	8,0	423
	1.5+4.2+5.0	1,12	3,14	3,74	---	2,75	8,00	9,22	0,58	1,71	3,21	2,65	7,83	14,70	95	4,70	A	855	A++	8,11	8,0	389
	1.5+4.2+6.0	1,03	2,87	4,10	---	2,89	8,00	9,49	0,62	1,69	3,14	2,82	7,74	14,38	95	4,75	A	845	A++	8,12	8,0	388
	1.5+4.2+7.1	0,94	2,63	4,44	---	3,04	8,00	9,69	0,65	1,67	3,28	2,99	7,65	15,03	95	4,80	A	835	A++	8,12	8,0	388
	1.5+5.0+5.0	1,04	3,48	3,48	---	2,86	8,00	9,45	0,62	1,61	3,31	2,82	7,37	15,15	95	4,98	A	805	A++	8,12	8,0	388
	1.5+5.0+6.0	0,96	3,20	3,84	---	3,00	8,00	9,64	0,63	1,60	3,16	2,86	7,33	14,46	95	5,00	A	800	A++	8,12	8,0	388
	1.5+5.0+7.1	0,88	2,94	4,18	---	3,15	8,00	9,76	0,65	1,59	3,23	2,99	7,28	14,79	95	5,05	A	795	A++	8,13	8,0	388
	1.5+6.0+6.0	0,89	3,56	3,56	---	3,13	8,00	9,75	0,66	1,60	2,93	3,03	7,33	13,40	95	5,02	A	800	A++	8,12	8,0	388
	2.0+2.0+2.0	2,00	2,00	2,00	---	2,15	6,00	6,76	0,48	1,10	1,89	2,19	5,04	8,64	95	5,46	A	550	A++	8,20	6,0	256
	2.0+2.0+2.5	2,00	2,00	2,50	---	2,20	6,50	7,09	0,48	1,24	2,04	2,19	5,68	9,33	95	5,26	A	620	A++	8,21	6,5	278
	2.0+2.0+3.5	1,97	1,97	3,45	---	2,32	7,40	7,76	0,51	1,51	2,38	2,32	6,92	10,88	95	4,93	A	755	A++	8,19	7,4	317
	2.0+2.0+4.2	1,95	1,95	4,10	---	2,42	8,00	8,17	0,51	1,75	2,55	2,32	8,01	11,69	95	4,58	A	875	A++	8,07	8,0	356
	2.0+2.0+5.0	1,78	1,78	4,44	---	2,52	8,00	8,57	0,54	1,72	2,82	2,48	7,88	12,91	95	4,66	A	860	A++	8,07	8,0	347
	2.0+2.0+6.0	1,60	1,60	4,80	---	2,65	8,00	9,00	0,55	1,81	2,79	2,53	8,29	12,79	95	4,42	A	905	A++	8,03	8,0	371
	2.0+2.0+7.1	1,44	1,44	5,12	---	2,80	8,00	9,36	0,59	1,83	3,07	2,69	8,38	14,05	95	4,38	A	915	A++	7,99	8,0	395
	2.0+2.5+2.5	2,00	2,50	2,50	---	2,25	7,00	7,45	0,48	1,36	2,21	2,19	6,23	10,10	95	5,18	A	680	A++	8,23	7,0	298
	2.0+2.5+3.5	1,85	2,31	3,24	---	2,39	7,40	8,06	0,51	1,50	2,55	2,32	6,87	11,69	95	4,94	A	750	A++	8,19	7,4	317
	2.0+2.5+4.2	1,84	2,30	3,86	---	2,48	8,00	8,43	0,54	1,75	2,68	2,48	8,01	12,26	95	4,59	A	875	A++	8,12	8,0	375
	2.0+2.5+5.0	1,68	2,11	4,21	---	2,58	8,00	8,79	0,54	1,72	2,95	2,48	7,88	13,48	95	4,67	A	860	A++	8,07	8,0	347
	2.0+2.5+6.0	1,52	1,90	4,57	---	2,72	8,00	9,17	0,59	1,84	2,93	2,69	8,43	13,40	95	4,36	A	920	A++	8,00	8,0	381
	2.0+2.5+7.1	1,38	1,72	4,90	---	2,87	8,00	9,49	0,62	1,83	3,14	2,82	8,38	14,38	95	4,39	A	915	A++	8,00	8,0	394
	2.0+3.5+3.5	1,78	3,11	3,11	---	2,52	8,00	8,57	0,54	1,74	2,87	2,48	7,97	13,12	95	4,60	A	870	A++	8,05	8,0	348
	2.0+3.5+4.2	1,65	2,89	3,46	---	2,61	8,00	8,87	0,58	1,79	3,00	2,65	8,20	13,73	95	4,49	A	895	A++	8,02	8,0	371
	2.0+3.5+5.0	1,52	2,67	3,81	---	2,72	8,00	9,17	0,58	1,83	3,21	2,65	8,38	14,70	95	4,38	A	915	A++	7,99	8,0	381
	2.0+3.5+6.0	1,39	2,43	4,17	---	2,86	8,00	9,47	0,62	1,83	3,13	2,82	8,38	14,34	95	4,39	A	915	A++	7,99	8,0	394
	2.0+3.5+7.1	1,27	2,22	4,51	---	3,01	8,00	9,28	0,62	1,81	2,94	2,82	8,29	13,44	95	4,44	A	905	A++	8,00	8,0	394
	2.0+4.2+4.2	1,54	3,23	3,23	---	2,71	8,00	9,17	0,58	1,80	3,26	2,65	8,24	14,91	95	4,45	A	900	A++	8,00	8,0	381
	2.0+4.2+5.0	1,43	3,00	3,57	---	2,82	8,00	9,41	0,62	1,84	3,36	2,82	8,43	15,36	95	4,37	A	920	A++	7,98	8,0	395
	2.0+4.2+6.0	1,31	2,75	3,93	---	2,95	8,00	9,64	0,62	1,81	3,20	2,82	8,29	14,66	95	4,42	A	905	A++	7,99	8,0	395
	2.0+4.2+7.1	1,20	2,53	4,27	---	3,11	8,00	9,79	0,65	1,79	3,28	2,99	8,20	15,03	95	4,47	A	895	A++	8,00	8,0	394
	2.0+5.0+5.0	1,33	3,33	3,33	---	2,93	8,00	9,58	0,62	1,74	3,38	2,82	7,97	15,48	95	4,62	A	870	A++	8,02	8,0	393
	2.0+5.0+6.0	1,23	3,08	3,69	---	3,06	8,00	9,73	0,65	1,72	3,23	2,99	7,88	14,79	95	4,67	A	860	A++	8,02	8,0	393
	2.0+5.0+7.1	1,13	2,84	4,03	---	3,22	8,00	9,79	0,65	1,70	3,23	2,99	7,79	14,79	95	4,72	A	850	A++	8,03	8,0	392
	2.0+6.0+6.0	1,14	3,43	3,43	---	3,20	8,00	9,79	0,66	1,71	3,00	3,03	7,83	13,73	95	4,69	A	855	A++	8,03	8,0	393
	2.5+2.5+2.5	2,47	2,47	2,47	---	2,32	7,40	7,76	0,51	1,50	2,38	2,32	6,87	10,88	95	4,95	A	750	A++	8,19	7,4	316
	2.5+2.5+3.5	2,35	2,35	3,29	---	2,46	8,00	8,32	0,54	1,74	2,74	2,48	7,97	12,55	95	4,61	A	870	A++	8,06	8,0	347
	2.5+2.5+4.2	2,17	2,17	3,65	---	2,54	8,00	8,66	0,54	1,73	2,93	2,48	7,92	13,40	95	4,63	A	865	A++	8,08	8,0	347
	2.5+2.5+5.0	2,00	2,00	4,00	---	2,65	8,00	9,00	0,58	1,81	3,08	2,65	8,29	14,09	95	4,43	A	905	A++	8,02	8,0	371
	2.5+2.5+6.0	1,82	1,82	4,36	---	2,79	8,00	9,33	0,59	1,83	3,07	2,69	8,38	14,05	95	4,39	A	915	A++	8,00	8,0	394
	2.5+2.5+7.1	1,65	1,65	4,69	---	2,94	8,00	9,60	0,62	1,81	3,21	2,82	8,29	14,70	95	4,44	A	905	A++	8,01	8,0	394
	2.5+3.5+3.5	2,11	2,95	2,95	---	2,58	8,00	8,51	0,54	1,73	2,68	2,48	7,92	12,26	95	4,64	A	865	A++	8,07	8,0	347
	2.5+3.5+4.2	1,96	2,75	3,29	---	2,68	8,00	9,07	0,58	1,81	3,06	2,65	8,29	14,01	95	4,44	A	905	A++	8,03	8,0	371
	2.5+3.5+5.0	1,82	2,55	3,64	---	2,79	8,00	9,33	0,62	1,81	3,28	2,82	8,29	15,03	95	4,43	A	905	A++	7,99	8,0	395
	2.5+3.5+6.0	1,67	2,33	4,00	---	2,93	8,00	9,58	0,62	1,79	3,20	2,82	8,20	14,66	95	4,48	A	895	A++	8,00	8,0	394
	2.5+3.5+7.1	1,53	2,14	4,34	---	3,08	8,00	9,28	0,65	1,77	2,94	2,99	8,11	13,44	95	4,53	A	885	A++	8,00	8,0	394
	2.5+4.2+4.2	1,83	3,08	3,08	---	2,78	8,00	9,20	0,62	1,87	3,27	2,82	8,56	14,95	95	4,30	A	935	A++	7,96	8,0	396
	2.5+4.2+5.0	1,71	2,87	3,42	---	2,89	8,00	9,54	0,62	1,82	3,43	2,82	8,33	15,68	95	4,40	A	910	A++	7,94	8,0	397
	2.5+4.2+6.0	1,57	2,65	3,78	---	3,02	8,00	9,72	0,62	1,80	3,28	2,82	8,24	14,99	95	4,45	A	900	A++	7,94	8,0	397
	2.5+4.2+7.1	1,45	2,43	4,12	---	3,17	8,00	9,82	0,65	1,78	3,36	2,99	8,15	15,36	95	4,50	A	890	A++	7,95	8,0	396
	2.5+5.0+5.0	1,60	3,20	3,20	---	3,00	8,00	9,66	0,65	1,73	3,45	2,99	7,92	15,80	95	4,64	A	865	A++	8,03	8,0	393
	2.5+5.0+6.0	1,48	2,96	3,56	---	3,13	8,00	9,77	0,65	1,71	3,23	2,99	7,83	14,79	95	4,69	A	855	A++	8,03	8,0	392
	2.5+6.0+6.0	1,38	3,31	3,31	---	3,27	8,00	9,79	0,66	1,70	3,00	3,03	7,79	13,73	95	4,71	A	850	A++	8,04	8,0	392
	3.5+3.5+3.5	2,67	2,67	2,67	---	2,72	8,00	8,84	0,58	1,79	2,80	2,65	8,20	12,83	95	4,47	A	895	A++	8,00	8,0	381
	3.5+3.5+4.2	2,50	2,50	3,00	---	2,82	8,00	9,48	0,62	1,86	3,26	2,82	8,52	14,91	95	4,32	A	930	A++	7,93	8,0	397
	3.5+3.5+5.0	2,33	2,33	3,33	---	2,93	8,00	9,54	0,62	1,81	3,43	2,82	8,29	15,68	95	4,42	A	905	A++	7,91	8,0	398
	3.5+3.5+6.0	2,15	2,15	3,69	---	3,06	8,00	9,29	0,65	1,79	3,00	2,99	8,20	13,73	95	4,47	A	895	A++	7,92	8,0	398
	3.5+3.5+7.1	1,99	1,99	4,03	---	3,22	8,00	9,79	0,69	1,77	3,36	3,16	8,11	15,36	95	4,52	A	885	A++	7,93	8,0	398
	3.5+4.2+4.2	2,35	2,82	2,82	---	2,91	8,00	9,36	0,62	1,85	3,40	2,82	8,47	15,56	95	4,34	A	925	A++	7,94	8,0	397
	3.5+4.2+5.0	2,20	2,65	3,15	---	3,02	8,00	9,55	0,65	1,81	3,43	2,99	8,29	15,68	95	4,44	A	905	A++	7,92	8,0	398
	3.5+4.2+6.0	2,04	2,45	3,50	---	3,16	8,00	9,78	0,65	1,79	3,36	2,99	8,20	15,36	95	4,49	A	895	A++	7,92	8,0	398
	3.5+5.0+5.0	2,07	2,96	2,96	---	3,13	8,00	9,74	0,65	1,71	3,45	2,99	7,83	15,80	95	4,68	A	855	A++	8,04	8,0	392
	3.5+5.0+6.0	1,93	2,76	3,31	---	3,27	8,00	9,79	0,69	1,70	3,23	3,16	7,79	14,79	95	4,73	A	850	A++	8,04	8,0	392
	4.2+4.2+4.2	---	2,67	2,67	2,67	3,01	8,00	9,37	0,65	1,84	3,40	2,99	8,43	15,56	95	4,36	A	920	A++	7,94	8,0	397
	4.2+4.2+5.0	---	2,51	2,51	2,99	3,12	8,00	9,56	0,65	1,80	3,43	2,99	8,24	15,68	95	4,46	A	900	A++	7,92	8,0	398

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXM80N2V1B	4.2+4.2+6.0	---	2,33	2,33	3,33	3,26	8,00	9,79	0,69	1,78	3,36	3,16	8,15	15,36	95	4,51	A	890	A++	7,93	8,0	398
	4.2+5.0+5.0	---	2,37	2,82	2,82	3,23	8,00	9,75	0,69	1,79	3,45	3,16	8,20	15,80	95	4,48	A	895	A++	7,92	8,0	398
	1.5+1.5+1.5+1.5	1,50	1,50	1,50	1,50	2,15	6,00	6,73	0,49	1,08	1,54	2,23	4,95	7,05	95	5,58	A	540	A++	8,39	6,0	251
	1.5+1.5+1.5+2.0	1,50	1,50	1,50	2,00	2,20	6,50	7,09	0,49	1,21	1,69	2,23	5,54	7,74	95	5,41	A	605	A++	8,46	6,5	269
	1.5+1.5+1.5+2.5	1,50	1,50	1,50	2,50	2,25	7,00	7,43	0,49	1,34	1,84	2,23	6,14	8,43	95	5,24	A	670	A+++	8,55	7,0	287
	1.5+1.5+1.5+3.5	1,39	1,39	1,39	3,24	2,39	7,40	8,04	0,52	1,62	2,12	2,36	7,42	9,69	95	4,59	A	810	A++	8,33	7,4	311
	1.5+1.5+1.5+4.2	1,38	1,38	1,38	3,86	2,48	8,00	8,40	0,52	1,99	2,30	2,36	9,11	10,51	95	4,02	A	995	A++	8,10	8,0	376
	1.5+1.5+1.5+5.0	1,26	1,26	1,26	4,21	2,58	8,00	8,77	0,55	1,95	2,55	2,53	8,93	11,69	95	4,12	A	975	A++	8,03	8,0	349
	1.5+1.5+1.5+6.0	1,14	1,14	1,14	4,57	2,72	8,00	9,15	0,56	2,21	2,59	2,57	10,12	11,85	95	3,62	A	1105	A++	7,81	8,0	390
	1.5+1.5+1.5+7.1	1,03	1,03	1,03	4,90	2,87	8,00	9,47	0,59	2,18	2,72	2,69	9,98	12,46	95	3,67	A	1090	A++	7,85	8,0	401
	1.5+1.5+2.0+2.0	1,50	1,50	2,00	2,00	2,25	7,00	7,43	0,49	1,34	1,84	2,23	6,14	8,43	95	5,24	A	670	A+++	8,55	7,0	287
	1.5+1.5+2.0+2.5	1,48	1,48	1,97	2,47	2,32	7,40	7,74	0,52	1,62	1,96	2,36	7,42	8,96	95	4,57	A	810	A++	8,32	7,4	311
	1.5+1.5+2.0+3.5	1,41	1,41	1,88	3,29	2,46	8,00	8,30	0,52	1,99	2,23	2,36	9,11	10,22	95	4,02	A	995	A++	8,04	8,0	349
	1.5+1.5+2.0+4.2	1,30	1,30	1,74	3,65	2,54	8,00	8,64	0,55	1,98	2,42	2,53	9,07	11,08	95	4,04	A	990	A++	8,04	8,0	349
	1.5+1.5+2.0+5.0	1,20	1,20	1,60	4,00	2,65	8,00	8,98	0,55	2,15	2,68	2,53	9,84	12,26	95	3,72	A	1075	A++	7,86	8,0	379
	1.5+1.5+2.0+6.0	1,09	1,09	1,45	4,36	2,79	8,00	9,31	0,59	2,18	2,65	2,69	9,98	12,14	95	3,67	A	1090	A++	7,85	8,0	401
	1.5+1.5+2.0+7.1	0,99	0,99	1,32	4,69	2,94	8,00	9,58	0,63	2,15	2,79	2,86	9,84	12,79	95	3,72	A	1075	A++	7,87	8,0	401
	1.5+1.5+2.5+2.5	1,39	1,39	2,31	2,31	2,39	7,40	8,04	0,52	1,62	2,12	2,36	7,42	9,69	95	4,57	A	810	A++	8,32	7,4	311
	1.5+1.5+2.5+3.5	1,33	1,33	2,22	3,11	2,52	8,00	8,55	0,55	1,98	2,55	2,53	9,07	11,65	95	4,04	A	990	A++	8,05	8,0	348
	1.5+1.5+2.5+4.2	1,24	1,24	2,06	3,46	2,61	8,00	8,85	0,55	2,18	2,73	2,53	9,98	12,50	95	3,68	A	1090	A++	7,84	8,0	380
	1.5+1.5+2.5+5.0	1,14	1,14	1,90	3,81	2,72	8,00	9,15	0,59	2,20	2,81	2,69	10,07	12,87	95	3,64	A	1100	A++	7,82	8,0	390
	1.5+1.5+2.5+6.0	1,04	1,04	1,74	4,17	2,86	8,00	9,45	0,59	2,22	2,72	2,69	10,17	12,46	95	3,61	A	1110	A++	7,81	8,0	404
	1.5+1.5+2.5+7.1	0,95	0,95	1,59	4,51	3,01	8,00	9,66	0,63	2,19	2,86	2,86	10,03	13,08	95	3,66	A	1095	A++	7,82	8,0	403
	1.5+1.5+3.5+3.5	1,20	1,20	2,80	2,80	2,65	8,00	8,98	0,55	2,18	2,80	2,53	9,98	12,83	95	3,68	A	1090	A++	7,84	8,0	380
	1.5+1.5+3.5+4.2	1,12	1,12	2,62	3,14	2,75	8,00	9,22	0,59	2,26	2,94	2,69	10,35	13,44	95	3,55	A	1130	A++	7,79	8,0	405
	1.5+1.5+3.5+5.0	1,04	1,04	2,43	3,48	2,86	8,00	9,45	0,59	2,20	3,02	2,69	10,07	13,81	95	3,65	A	1100	A++	7,78	8,0	405
	1.5+1.5+3.5+6.0	0,96	0,96	2,24	3,84	3,00	8,00	9,64	0,63	2,17	2,86	2,86	9,94	13,08	95	3,70	A	1085	A++	7,80	8,0	404
	1.5+1.5+3.5+7.1	0,88	0,88	2,06	4,18	3,15	8,00	9,76	0,66	2,14	2,93	3,03	9,80	13,40	95	3,75	A	1070	A++	7,82	8,0	403
	1.5+1.5+4.2+4.2	1,05	1,05	2,95	2,95	2,84	8,00	9,41	0,59	2,25	3,07	2,69	10,30	14,05	95	3,57	A	1125	A++	7,79	8,0	404
	1.5+1.5+4.2+5.0	0,98	0,98	2,75	3,28	2,95	8,00	9,59	0,63	2,18	3,09	2,86	9,98	14,13	95	3,67	A	1090	A++	7,79	8,0	405
	1.5+1.5+4.2+6.0	0,91	0,91	2,55	3,64	3,09	8,00	9,73	0,63	2,15	2,93	2,86	9,84	13,40	95	3,72	A	1075	A++	7,81	8,0	404
	1.5+1.5+4.2+7.1	0,84	0,84	2,35	3,97	3,24	8,00	9,77	0,66	2,13	2,93	3,03	9,75	13,40	95	3,77	A	1065	A++	7,82	8,0	403
	1.5+1.5+5.0+5.0	0,92	0,92	3,08	3,08	3,06	8,00	9,71	0,63	2,05	3,04	2,86	9,39	13,93	95	3,92	A	1025	A++	7,84	8,0	402
	1.5+1.5+5.0+6.0	0,86	0,86	2,86	3,43	3,20	8,00	9,77	0,66	2,02	2,87	3,03	9,25	13,16	95	3,97	A	1010	A++	7,85	8,0	401
	1.5+2.0+2.0+2.0	1,48	1,97	1,97	1,97	2,32	7,40	7,74	0,52	1,62	1,96	2,36	7,42	8,96	95	4,57	A	810	A++	8,32	7,4	311
	1.5+2.0+2.0+2.5	1,39	1,85	1,85	2,31	2,39	7,40	8,04	0,52	1,62	2,12	2,36	7,42	9,69	95	4,59	A	810	A++	8,18	7,4	317
	1.5+2.0+2.0+3.5	1,33	1,78	1,78	3,11	2,52	8,00	8,55	0,55	1,98	2,36	2,53	9,07	10,79	95	4,04	A	990	A++	8,05	8,0	348
	1.5+2.0+2.0+4.2	1,24	1,65	1,65	3,46	2,61	8,00	8,85	0,55	2,18	2,55	2,53	9,98	11,65	95	3,68	A	1090	A++	7,84	8,0	380
	1.5+2.0+2.0+5.0	1,14	1,52	1,52	3,81	2,72	8,00	9,15	0,59	2,21	2,81	2,69	10,12	12,87	95	3,62	A	1105	A++	7,81	8,0	390
	1.5+2.0+2.0+6.0	1,04	1,39	1,39	4,17	2,86	8,00	9,45	0,59	2,22	2,72	2,69	10,17	12,46	95	3,61	A	1110	A++	7,81	8,0	404
	1.5+2.0+2.0+7.1	0,95	1,27	1,27	4,51	3,01	8,00	9,66	0,63	2,19	2,86	2,86	10,03	13,08	95	3,66	A	1095	A++	7,82	8,0	403
	1.5+2.0+2.5+2.5	1,41	1,88	2,35	2,35	2,46	8,00	8,30	0,52	2,00	2,23	2,36	9,16	10,22	95	4,00	A	1000	A++	8,01	8,0	350
	1.5+2.0+2.5+3.5	1,26	1,68	2,11	2,95	2,58	8,00	8,77	0,55	1,98	2,67	2,53	9,07	12,22	95	4,04	A	990	A++	8,03	8,0	349
	1.5+2.0+2.5+4.2	1,18	1,57	1,96	3,29	2,68	8,00	9,05	0,59	2,17	2,87	2,69	9,94	13,12	95	3,70	A	1085	A++	7,83	8,0	380
	1.5+2.0+2.5+5.0	1,09	1,45	1,82	3,64	2,79	8,00	9,31	0,59	2,23	2,88	2,69	10,21	13,20	95	3,59	A	1115	A++	7,79	8,0	404
	1.5+2.0+2.5+6.0	1,00	1,33	1,67	4,00	2,93	8,00	9,56	0,63	2,20	2,79	2,86	10,07	12,75	95	3,64	A	1100	A++	7,81	8,0	404
	1.5+2.0+2.5+7.1	0,92	1,22	1,53	4,34	3,08	8,00	9,72	0,63	2,17	2,93	2,86	9,94	13,40	95	3,69	A	1085	A++	7,83	8,0	403
	1.5+2.0+3.5+3.5	1,14	1,52	2,67	2,67	2,72	8,00	9,15	0,59	2,21	2,94	2,69	10,12	13,44	95	3,62	A	1105	A++	7,81	8,0	390
	1.5+2.0+3.5+4.2	1,07	1,43	2,50	3,00	2,82	8,00	9,36	0,59	2,25	3,07	2,69	10,30	14,05	95	3,57	A	1125	A++	7,79	8,0	404
	1.5+2.0+3.5+5.0	1,00	1,33	2,33	3,33	2,93	8,00	9,56	0,63	2,18	3,09	2,86	9,98	14,13	95	3,67	A	1090	A++	7,79	8,0	405
	1.5+2.0+3.5+6.0	0,92	1,23	2,15	3,69	3,06	8,00	9,71	0,63	2,15	2,93	2,86	9,84	13,40	95	3,72	A	1075	A++	7,81	8,0	404
	1.5+2.0+3.5+7.1	0,85	1,13	1,99	4,03	3,22	8,00	9,77	0,66	2,13	2,93	3,03	9,75	13,40	95	3,77	A	1065	A++	7,82	8,0	403
	1.5+2.0+4.2+4.2	1,01	1,34	2,82	2,82	2,91	8,00	9,54	0,62	2,23	3,14	2,82	10,21	14,38	95	3,59	A	1115	A++	7,80	8,0	404
	1.5+2.0+4.2+5.0	0,94	1,26	2,65	3,15	3,02	8,00	9,67	0,63	2,17	3,16	2,86	9,94	14,46	95	3,69	A	1085	A++	7,80	8,0	404
	1.5+2.0+4.2+6.0	0,88	1,17	2,45	3,50	3,16	8,00	9,76	0,66	2,14	2,93	3,03	9,80	13,40	95	3,74	A	1070	A++	7,81	8,0	403
	1.5+2.0+5.0+5.0	0,89	1,19	2,96	2,96	3,13	8,00	9,75	0,65	2,06	3,12	2,99	9,43	14,26	95	3,89	A	1030	A++	7,84	8,0	402
	1.5+2.0+5.0+6.0	0,83	1,10	2,76	3,31	3,27	8,00	9,77	0,66	2,03	2,87	3,03	9,30	13,16	95	3,94	A	1015	A++	7,85	8,0	401
	1.5+2.5+2.5+2.5	1,33	2,22	2,22	2,22	2,52	8,00	8,55	0,55	1,98	2,36	2,53	9,07	10,79	95	4,04	A	990	A++	8,03	8,0	349
	1.5+2.5+2.5+3.5	1,20	2,00	2,00	2,80	2,65	8,00	8,98	0,55	2,17	2,79	2,53	9,94	12,79	95	3,70	A	1085	A++	7,83	8,0	380
	1.5+2.5+2.5+4.2	1,12	1,87	1,87	3,14	2,75	8,00	9,22	0,59	2,23	2,94	2,69	10,21	13,44	95	3,59	A	1115	A++	7,80	8,0	404
	1.5+2.5+2.5+5.0	1,04	1,74	1,74	3,48	2,86	8,00	9,45	0,59	2,17	3,02	2,69	9,94	13,81	95	3,69	A	1085	A++	7,80	8,0	404
	1.5+2.5+2.5+6.0	0,96	1,60	1,60	3,84	3,00	8,00	9,64	0,63	2,14	2,86	2,86	9,80	13,08	95	3,74	A	1070	A++	7,81	8,0	403
	1.5+2.5+2.5+7.1	0,88	1,47	1,47	4,18	3,15	8,00	9,76	0,66	2,12	2,93	3,03	9,71	13,40	95	3,79	A	1060	A++	7,83	8,0	403
	1.5+2.5+3.5+3.5	1,09	1,82	2,55	2,55	2,79	8,00	9,31	0,59	2,15	3,00	2,69	9,84	13,73	95	3,72	A	1075	A++	7,87	8,0	400
	1.5+2.5+3.5+4.2	1,03	1,71	2,39	2,87	2,89	8,00	9,49	0,62	2,14	3,14	2,82	9,80	14,38	95	3,74	A	1070	A++	7,88	8,0	400
	1.5+2.5+3.5+5.0	0,96	1,60	2,24	3,20	3,00	8,00	9,64	0,63	2,09	3,09	2,86	9,57	14,13	95	3,84	A	1045	A++	7,87	8,0	400

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXM80N2V1B	1.5+2.5+3.5+6.0	0,89	1,48	2,07	3,56	3,13	8,00	9,75	0,66	2,06	2,93	3,03	9,43	13,40	95	3,89	A	1030	A++	7,89	8,0	400
	1.5+2.5+4.2+4.2	0,97	1,61	2,71	2,71	2,98	8,00	9,63	0,62	2,13	3,21	2,82	9,75	14,70	95	3,76	A	1065	A++	7,88	8,0	400
	1.5+2.5+4.2+5.0	0,91	1,52	2,55	3,03	3,09	8,00	9,73	0,65	2,08	3,16	2,99	9,52	14,46	95	3,86	A	1040	A++	7,88	8,0	400
	1.5+2.5+4.2+6.0	0,85	1,41	2,37	3,38	3,23	8,00	9,77	0,66	2,05	2,93	3,03	9,39	13,40	95	3,91	A	1025	A++	7,89	8,0	399
	1.5+2.5+5.0+5.0	0,86	1,43	2,86	2,86	3,20	8,00	9,77	0,65	2,07	3,12	2,99	9,48	14,26	95	3,88	A	1035	A++	7,88	8,0	400
	1.5+3.5+3.5+3.5	1,00	2,33	2,33	2,33	2,93	8,00	9,56	0,62	2,14	3,07	2,82	9,80	14,05	95	3,74	A	1070	A++	7,87	8,0	401
	1.5+3.5+3.5+4.2	0,94	2,20	2,20	2,65	3,02	8,00	9,67	0,62	2,13	3,21	2,82	9,75	14,70	95	3,76	A	1065	A++	7,87	8,0	400
	1.5+3.5+3.5+5.0	0,89	2,07	2,07	2,96	3,13	8,00	9,75	0,65	2,08	3,16	2,99	9,52	14,46	95	3,86	A	1040	A++	7,86	8,0	401
	1.5+3.5+3.5+6.0	0,83	1,93	1,93	3,31	3,27	8,00	9,77	0,66	2,05	2,93	3,03	9,39	13,40	95	3,91	A	1025	A++	7,88	8,0	400
	1.5+3.5+4.2+4.2	0,90	2,09	2,51	2,51	3,12	8,00	9,74	0,65	2,12	3,28	2,99	9,71	15,03	95	3,78	A	1060	A++	7,88	8,0	400
	1.5+3.5+4.2+5.0	0,85	1,97	2,37	2,82	3,23	8,00	9,77	0,65	2,07	3,24	2,99	9,48	14,83	95	3,88	A	1035	A++	7,87	8,0	400
	1.5+4.2+4.2+4.2	0,85	2,38	2,38	2,38	3,22	8,00	9,77	0,69	2,11	3,28	3,16	9,66	15,03	95	3,80	A	1055	A++	7,88	8,0	400
	2.0+2.0+2.0+2.0	1,85	1,85	1,85	1,85	2,39	7,40	8,06	0,52	1,62	2,12	2,36	7,42	9,69	95	4,57	A	810	A++	8,32	7,4	311
	2.0+2.0+2.0+2.5	1,88	1,88	1,88	2,35	2,46	8,00	8,32	0,52	1,95	2,23	2,36	8,93	10,22	95	4,12	A	975	A++	8,09	8,0	346
	2.0+2.0+2.0+3.5	1,68	1,68	1,68	2,95	2,58	8,00	8,79	0,55	1,94	2,55	2,53	8,88	11,65	95	4,14	A	970	A++	8,09	8,0	346
	2.0+2.0+2.0+4.2	1,57	1,57	1,57	3,29	2,68	8,00	9,07	0,59	2,26	2,67	2,69	10,35	12,22	95	3,54	A	1130	A++	7,69	8,0	387
	2.0+2.0+2.0+5.0	1,45	1,45	1,45	3,64	2,79	8,00	9,33	0,59	2,30	2,95	2,69	10,53	13,52	95	3,49	A	1150	A++	7,62	8,0	413
	2.0+2.0+2.0+6.0	1,33	1,33	1,33	4,00	2,93	8,00	9,58	0,63	2,26	2,86	2,86	10,35	13,08	95	3,54	A	1130	A++	7,65	8,0	412
	2.0+2.0+2.0+7.1	1,22	1,22	1,22	4,34	3,08	8,00	9,74	0,63	2,20	2,93	2,86	10,07	13,40	95	3,65	A	1100	A++	7,71	8,0	409
	2.0+2.0+2.5+2.5	1,73	1,73	2,17	2,17	2,52	7,80	8,57	0,55	1,76	2,42	2,53	8,06	11,08	95	4,43	A	880	A++	8,20	7,8	333
	2.0+2.0+2.5+3.5	1,60	1,60	2,00	2,80	2,65	8,00	9,00	0,55	2,21	2,79	2,53	10,12	12,79	95	3,62	A	1105	A++	7,74	8,0	385
	2.0+2.0+2.5+4.2	1,50	1,50	1,87	3,14	2,75	8,00	9,24	0,59	2,31	2,94	2,69	10,58	13,44	95	3,47	A	1155	A++	7,68	8,0	410
	2.0+2.0+2.5+5.0	1,39	1,39	1,74	3,48	2,86	8,00	9,47	0,59	2,25	3,02	2,69	10,30	13,81	95	3,57	A	1125	A++	7,68	8,0	411
	2.0+2.0+2.5+6.0	1,28	1,28	1,60	3,84	3,00	8,00	9,66	0,63	2,21	2,86	2,86	10,12	13,08	95	3,62	A	1105	A++	7,69	8,0	410
	2.0+2.0+2.5+7.1	1,18	1,18	1,47	4,18	3,15	8,00	9,78	0,66	2,18	2,93	3,03	9,98	13,40	95	3,67	A	1090	A++	7,71	8,0	409
	2.0+2.0+3.5+3.5	1,45	1,45	2,55	2,55	2,79	8,00	9,14	0,59	2,30	2,87	2,69	10,53	13,12	95	3,49	A	1150	A++	7,74	8,0	407
	2.0+2.0+3.5+4.2	1,37	1,37	2,39	2,87	2,89	8,00	9,51	0,62	2,28	3,14	2,82	10,44	14,38	95	3,51	A	1140	A++	7,74	8,0	407
	2.0+2.0+3.5+5.0	1,28	1,28	2,24	3,20	3,00	8,00	9,66	0,63	2,22	3,16	2,86	10,17	14,46	95	3,61	A	1110	A++	7,74	8,0	407
	2.0+2.0+3.5+6.0	1,19	1,19	2,07	3,56	3,13	8,00	9,77	0,66	2,19	2,93	3,03	10,03	13,40	95	3,66	A	1095	A++	7,76	8,0	406
	2.0+2.0+4.2+4.2	1,29	1,29	2,71	2,71	2,98	8,00	9,65	0,62	2,27	3,21	2,82	10,39	14,70	95	3,53	A	1135	A++	7,75	8,0	407
	2.0+2.0+4.2+5.0	1,21	1,21	2,55	3,03	3,09	8,00	9,75	0,65	2,21	3,16	2,99	10,12	14,46	95	3,63	A	1105	A++	7,75	8,0	407
	2.0+2.0+4.2+6.0	1,13	1,13	2,37	3,38	3,23	8,00	9,79	0,66	2,18	2,93	3,03	9,98	13,40	95	3,68	A	1090	A++	7,76	8,0	406
	2.0+2.0+5.0+5.0	1,14	1,14	2,86	2,86	3,20	8,00	9,79	0,65	2,20	3,12	2,99	10,07	14,26	95	3,65	A	1100	A++	7,75	8,0	407
	2.0+2.5+2.5+2.5	1,68	2,11	2,11	2,11	2,58	8,00	8,79	0,55	1,83	2,54	2,53	8,38	11,61	95	4,39	A	915	A++	8,21	8,0	341
	2.0+2.5+2.5+3.5	1,52	1,90	1,90	2,67	2,72	8,00	9,17	0,59	2,21	2,93	2,69	10,12	13,40	95	3,62	A	1105	A++	7,75	8,0	393
	2.0+2.5+2.5+4.2	1,43	1,79	1,79	3,00	2,82	8,00	9,38	0,59	2,24	3,07	2,69	10,26	14,05	95	3,58	A	1120	A++	7,75	8,0	407
	2.0+2.5+2.5+5.0	1,33	1,67	1,67	3,33	2,93	8,00	9,58	0,63	2,18	3,09	2,86	9,98	14,13	95	3,68	A	1090	A++	7,74	8,0	407
	2.0+2.5+2.5+6.0	1,23	1,54	1,54	3,69	3,06	8,00	9,73	0,63	2,15	2,93	2,86	9,84	13,40	95	3,73	A	1075	A++	7,76	8,0	406
	2.0+2.5+2.5+7.1	1,13	1,42	1,42	4,03	3,22	8,00	9,79	0,66	2,12	2,93	3,03	9,71	13,40	95	3,78	A	1060	A++	7,77	8,0	405
	2.0+2.5+3.5+3.5	1,39	1,74	2,43	2,43	2,86	8,00	9,32	0,62	2,20	3,00	2,82	10,07	13,73	95	3,64	A	1100	A++	7,78	8,0	405
	2.0+2.5+3.5+4.2	1,31	1,64	2,30	2,75	2,95	8,00	9,66	0,62	2,19	3,21	2,82	10,03	14,70	95	3,66	A	1095	A++	7,79	8,0	405
	2.0+2.5+3.5+5.0	1,23	1,54	2,15	3,08	3,06	8,00	9,73	0,65	2,13	3,16	2,99	9,75	14,46	95	3,76	A	1065	A++	7,78	8,0	405
	2.0+2.5+3.5+6.0	1,14	1,43	2,00	3,43	3,20	8,00	9,79	0,66	2,10	2,93	3,03	9,62	13,40	95	3,81	A	1050	A++	7,79	8,0	404
	2.0+2.5+4.2+4.2	1,24	1,55	2,60	2,60	3,05	8,00	9,72	0,65	2,18	3,28	2,99	9,98	15,03	95	3,68	A	1090	A++	7,79	8,0	405
	2.0+2.5+4.2+5.0	1,17	1,46	2,45	2,92	3,16	8,00	9,78	0,65	2,12	3,23	2,99	9,71	14,79	95	3,78	A	1060	A++	7,79	8,0	405
	2.0+2.5+5.0+5.0	1,10	1,38	2,76	2,76	3,27	8,00	9,79	0,65	2,11	3,12	2,99	9,66	14,26	95	3,80	A	1055	A++	7,79	8,0	404
	2.0+3.5+3.5+3.5	1,28	2,24	2,24	2,24	3,00	8,00	9,41	0,62	2,18	2,94	2,82	9,98	13,44	95	3,68	A	1090	A++	7,81	8,0	404
	2.0+3.5+3.5+4.2	1,21	2,12	2,12	2,55	3,09	8,00	9,75	0,65	2,17	3,28	2,99	9,94	15,03	95	3,70	A	1085	A++	7,81	8,0	404
	2.0+3.5+3.5+5.0	1,14	2,00	2,00	2,86	3,20	8,00	9,79	0,65	2,11	3,23	2,99	9,66	14,79	95	3,80	A	1055	A++	7,80	8,0	404
	2.0+3.5+4.2+4.2	1,15	2,01	2,42	2,42	3,19	8,00	9,79	0,65	2,15	3,36	2,99	9,84	15,36	95	3,72	A	1075	A++	7,82	8,0	403
	2.5+2.5+2.5+2.5	2,00	2,00	2,00	2,00	2,65	8,00	9,00	0,55	2,17	2,79	2,53	9,94	12,79	95	3,70	A	1085	A++	7,78	8,0	382
	2.5+2.5+2.5+3.5	1,82	1,82	1,82	2,55	2,79	8,00	9,16	0,59	2,23	2,87	2,69	10,21	13,12	95	3,60	A	1115	A++	7,76	8,0	406
	2.5+2.5+2.5+4.2	1,71	1,71	1,71	2,87	2,89	8,00	9,51	0,62	2,21	3,14	2,82	10,12	14,38	95	3,62	A	1105	A++	7,76	8,0	406
	2.5+2.5+2.5+5.0	1,60	1,60	1,60	3,20	3,00	8,00	9,66	0,63	2,15	3,16	2,86	9,84	14,46	95	3,72	A	1075	A++	7,76	8,0	406
	2.5+2.5+2.5+6.0	1,48	1,48	1,48	3,56	3,13	8,00	9,77	0,66	2,13	2,93	3,03	9,75	13,40	95	3,77	A	1065	A++	7,77	8,0	405
	2.5+2.5+3.5+3.5	1,67	1,67	2,33	2,33	2,93	8,00	9,28	0,62	2,21	3,00	2,82	10,12	13,73	95	3,62	A	1105	A++	7,77	8,0	406
	2.5+2.5+3.5+4.2	1,57	1,57	2,20	2,65	3,02	8,00	9,69	0,62	2,20	3,28	2,82	10,07	15,03	95	3,64	A	1100	A++	7,77	8,0	406
	2.5+2.5+3.5+5.0	1,48	1,48	2,07	2,96	3,13	8,00	9,77	0,65	2,14	3,23	2,99	9,80	14,79	95	3,74	A	1070	A++	7,76	8,0	406
	2.5+2.5+3.5+6.0	1,38	1,38	1,93	3,31	3,27	8,00	9,79	0,66	2,12	2,93	3,03	9,71	13,40	95	3,79	A	1060	A++	7,78	8,0	405
	2.5+2.5+4.2+4.2	1,49	1,49	2,51	2,51	3,12	8,00	9,76	0,65	2,19	3,28	2,99	10,03	15,03	95	3,66	A	1095	A++	7,78	8,0	405
	2.5+2.5+4.2+5.0	1,41	1,41	2,37	2,82	3,23	8,00	9,79	0,65	2,13	3,23	2,99	9,75	14,79	95	3,76	A	1065	A++	7,77	8,0	406
	2.5+3.5+3.5+3.5	1,54	2,15	2,15	2,15	3,06	8,00	9,54	0,65	2,20	2,94	2,99	10,07	13,44	95	3,64	A	1100	A++	7,79	8,0	405
	2.5+3.5+3.5+4.2	1,46	2,04	2,04	2,45	3,16	8,00	9,78	0,65	2,19	3,36	2,99	10,03	15,36	95	3,66	A	1095	A++	7,79	8,0	404
	2.5+3.5+3.5+5.0	1,38	1,93	1,93	2,76	3,27	8,00	9,79	0,69	2,13	3,23	3,16	9,75	14,79	95	3,76	A	1065	A++	7,79	8,0	405
	2.5+3.5+4.2+4.2	1,39	1,94	2,33	2,33	3,26	8,00	9,79	0,69	2,18	3,36	3,16	9,98	15,36	95	3,68	A	1090	A++	7,80	8,0	404
	3.5+3.5+3.5+3.5	2,00	2,00	2,00	2,00	3,20	8,00	9,79	0,65	2,19	3,36	2,99	10,03	15,36	95	3,66	A	1095	A++	7,80	8,0	404

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXM80N2V1B	1,5	2,70	---	---	---	1,25	2,70	3,87	0,29	0,73	1,13	1,33	3,35	5,19	95	---	---	---	---	---	---	---
	2,0	3,70	---	---	---	1,28	3,70	4,26	0,30	1,73	1,18	1,38	7,92	5,42	95	---	---	---	---	---	---	---
	2,5	4,70	---	---	---	1,33	4,70	4,73	0,32	2,73	1,27	1,46	12,50	5,82	95	---	---	---	---	---	---	---
	3,5	5,70	---	---	---	1,45	5,70	5,31	0,33	3,73	1,68	1,51	17,08	7,68	95	---	---	---	---	---	---	---
	4,2	---	6,70	---	---	1,49	6,70	6,16	0,34	4,73	1,90	1,55	21,65	8,70	95	---	---	---	---	---	---	---
	5,0	---	7,70	---	---	1,86	7,70	7,40	0,43	5,73	2,18	1,95	26,23	9,99	95	---	---	---	---	---	---	---
	6,0	---	8,70	---	---	2,15	8,70	8,52	0,53	6,73	2,56	2,44	30,81	11,72	95	---	---	---	---	---	---	---
	7,1	---	9,70	---	---	2,45	9,70	9,36	0,57	7,73	2,88	2,62	35,38	13,18	95	---	---	---	---	---	---	---
	1.5+1.5	1,85	1,85	---	---	1,45	3,70	5,57	0,41	0,86	1,21	1,89	3,94	5,52	95	4,31	A	A	3,88	3,27	1180	0,22
	1.5+2.0	1,84	2,46	---	---	1,51	4,30	5,57	0,41	1,01	1,21	1,89	4,63	5,52	95	4,26	A	A	3,88	3,27	1178	0,22
	1.5+2.5	1,84	3,06	---	---	1,65	4,90	7,37	0,45	1,17	1,75	2,06	5,36	8,00	95	4,19	A	A	3,89	3,27	1176	0,21
	1.5+3.5	1,83	4,27	---	---	1,94	6,10	7,52	0,52	1,64	1,91	2,37	7,51	8,76	95	3,74	A	A	3,92	3,57	1275	0,33
	1.5+4.2	1,84	5,16	---	---	2,14	7,00	8,61	0,55	1,94	2,36	2,54	8,88	10,78	95	3,62	A	A	3,92	3,57	1273	0,33
	1.5+5.0	1,85	6,15	---	---	2,38	8,00	9,07	0,50	2,11	2,23	2,28	9,66	10,19	95	3,80	A	A+	4,01	4,27	1489	0,63
	1.5+6.0	1,80	7,20	---	---	2,66	9,00	10,06	0,52	2,30	2,43	2,37	10,53	11,12	95	3,92	A	A+	4,03	4,27	1483	0,61
	1.5+7.1	1,67	7,93	---	---	2,96	9,60	10,30	0,55	2,47	2,42	2,50	11,31	11,07	95	3,89	A	A+	4,04	4,27	1477	0,59
	2.0+2.0	2,45	2,45	---	---	1,65	4,90	6,81	0,32	1,16	1,60	1,46	5,31	7,33	95	4,23	A	A	3,87	3,27	1183	0,21
	2.0+2.5	2,44	3,06	---	---	1,80	5,50	7,12	0,35	1,34	1,67	1,59	6,14	7,66	95	4,13	A	A	3,87	3,27	1181	0,21
	2.0+3.5	2,44	4,26	---	---	2,09	6,70	7,64	0,40	1,70	1,96	1,85	7,79	8,97	95	3,95	A	A	3,93	3,57	1271	0,33
	2.0+4.2	2,45	5,15	---	---	2,28	7,60	8,87	0,44	1,98	2,36	2,02	9,07	10,78	95	3,84	A	A	3,93	3,57	1269	0,33
	2.0+5.0	2,43	6,07	---	---	2,52	8,50	9,07	0,52	2,28	2,23	2,37	10,44	10,19	95	3,73	A	A+	4,04	4,27	1479	0,63
	2.0+6.0	2,33	6,98	---	---	2,79	9,30	10,06	0,54	2,42	2,43	2,45	11,08	11,12	95	3,85	A	A+	4,05	4,27	1474	0,61
	2.0+7.1	2,11	7,49	---	---	3,10	9,60	10,77	0,57	2,47	2,66	2,62	11,31	12,17	95	3,90	A	A+	4,07	4,27	1468	0,59
	2.5+2.5	3,05	3,05	---	---	1,94	6,10	7,45	0,39	1,68	1,97	1,76	7,69	9,01	95	3,64	A	A	3,88	3,27	1179	0,21
	2.5+3.5	3,04	4,26	---	---	2,23	7,30	8,87	0,52	2,02	2,46	2,37	9,25	11,24	95	3,62	A	A	3,94	3,57	1268	0,33
	2.5+4.2	3,06	5,14	---	---	2,44	8,20	9,37	0,54	2,28	2,67	2,45	10,44	12,21	95	3,60	B	A	3,95	3,57	1266	0,32
	2.5+5.0	3,00	6,00	---	---	2,66	9,00	9,68	0,54	2,51	2,50	2,45	11,49	11,45	95	3,59	B	A+	4,07	4,27	1468	0,62
	2.5+6.0	2,82	6,78	---	---	2,94	9,60	10,50	0,55	2,63	2,70	2,54	12,04	12,38	95	3,66	A	A+	4,08	4,27	1463	0,61
	2.5+7.1	2,50	7,10	---	---	3,23	9,60	10,77	0,59	2,50	2,70	2,71	11,45	12,34	95	3,85	A	A+	4,10	4,27	1457	0,59
	3.5+3.5	4,25	4,25	---	---	2,52	8,50	9,55	0,55	2,47	2,80	2,54	11,31	12,80	95	3,45	B	A+	4,04	4,27	1478	0,64
	3.5+4.2	4,09	4,91	---	---	2,71	9,00	10,16	0,57	2,69	3,19	2,62	12,32	14,61	95	3,35	C	A+	4,05	4,27	1475	0,63
	3.5+5.0	3,91	5,59	---	---	2,94	9,50	10,32	0,58	2,66	2,70	2,67	12,18	12,34	95	3,58	B	A+	4,04	4,97	1720	0,93
	3.5+6.0	3,54	6,06	---	---	3,21	9,60	10,75	0,57	2,48	2,67	2,62	11,36	12,21	95	3,88	A	A+	4,06	4,97	1714	0,91
	3.5+7.1	3,17	6,43	---	---	3,52	9,60	10,78	0,63	2,42	2,61	2,88	11,08	11,96	95	3,98	A	A+	4,07	4,97	1707	0,90
	4.2+4.2	4,75	4,75	---	---	2,91	9,50	9,98	0,59	2,55	2,44	2,71	11,68	11,16	95	3,73	A	A+	4,06	4,27	1472	0,63
	4.2+5.0	4,38	5,22	---	---	3,13	9,60	10,52	0,60	2,59	2,64	2,75	11,86	12,08	95	3,71	A	A+	4,11	4,97	1693	0,93
	4.2+6.0	3,95	5,65	---	---	3,41	9,60	10,76	0,61	2,39	2,61	2,80	10,94	11,96	95	4,03	A	A+	4,12	4,97	1686	0,91
	4.2+7.1	3,57	6,03	---	---	3,70	9,60	10,80	0,66	2,38	2,60	3,01	10,90	11,92	95	4,05	A	A+	4,14	4,97	1680	0,89
	5.0+5.0	4,80	4,80	---	---	3,35	9,60	10,65	0,63	2,46	2,60	2,88	11,26	11,92	95	3,91	A	A+	4,00	6,23	2177	1,49
	5.0+6.0	4,36	5,24	---	---	3,62	9,60	10,89	0,62	2,35	2,58	2,84	10,76	11,79	95	4,10	A	A+	4,02	6,23	2168	1,47
	5.0+7.1	3,97	5,63	---	---	3,93	9,60	10,92	0,66	2,33	2,57	3,01	10,67	11,75	95	4,13	A	A+	4,03	6,23	2160	1,45
	6.0+6.0	5,24	4,36	---	---	3,90	9,60	11,13	0,63	2,27	2,55	2,88	10,39	11,66	95	4,24	A	A+	4,03	6,23	2164	1,47
	6.0+7.1	4,40	5,20	---	---	4,20	9,60	11,16	0,67	2,26	2,54	3,05	10,35	11,62	95	4,26	A	A+	4,04	6,23	2155	1,45
	7.1+7.1	6,09	3,51	---	---	4,51	9,60	11,20	0,73	2,20	2,48	3,36	10,07	11,37	95	4,37	A	A+	4,04	6,23	2156	1,43
	1.5+1.5+1.5	1,83	1,83	1,83	---	1,80	5,50	7,51	0,40	1,14	1,57	1,85	5,22	7,20	95	4,83	A	A	3,92	4,57	1631	0,73
	1.5+1.5+2.0	1,83	1,83	2,44	---	1,94	6,10	7,51	0,41	1,32	1,57	1,89	6,05	7,20	95	4,64	A	A	3,93	4,57	1626	0,72
	1.5+1.5+2.5	1,83	1,83	3,05	---	2,09	6,70	7,58	0,43	1,49	1,57	1,98	6,82	7,20	95	4,51	A	A	3,94	4,57	1621	0,72
	1.5+1.5+3.5	1,85	1,85	4,31	---	2,38	8,00	9,39	0,47	1,88	2,12	2,15	8,61	9,68	95	4,27	A	A	3,94	5,27	1871	1,02
	1.5+1.5+4.2	1,81	1,81	5,08	---	2,58	8,70	9,39	0,49	2,15	2,11	2,24	9,84	9,64	95	4,06	A	A	3,95	5,27	1865	1,02
	1.5+1.5+5.0	1,74	1,74	5,81	---	2,79	9,30	10,39	0,50	2,21	2,34	2,28	10,12	10,69	95	4,22	A	A+	4,04	6,23	2155	1,43
	1.5+1.5+6.0	1,58	1,58	6,33	---	3,07	9,50	11,14	0,51	2,20	2,50	2,32	10,07	11,45	95	4,33	A	A+	4,08	6,23	2138	1,41
	1.5+1.5+7.1	1,43	1,43	6,75	---	3,38	9,60	11,17	0,54	2,21	2,49	2,45	10,12	11,41	95	4,35	A	A+	4,11	6,23	2122	1,40
	1.5+2.0+2.0	1,83	2,44	2,44	---	2,09	6,70	7,51	0,43	1,49	1,57	1,98	6,82	7,20	95	4,51	A	A	3,93	4,57	1624	0,72
	1.5+2.0+2.5	1,83	2,43	3,04	---	2,23	7,30	8,75	0,45	1,68	1,95	2,06	7,69	8,93	95	4,37	A	A	3,96	4,57	1615	0,72
	1.5+2.0+3.5	1,82	2,43	4,25	---	2,52	8,50	9,39	0,49	2,06	2,12	2,24	9,43	9,68	95	4,14	A	A	3,94	5,27	1869	1,02
	1.5+2.0+4.2	1,75	2,34	4,91	---	2,71	9,00	10,08	0,51	2,22	2,37	2,32	10,17	10,86	95	4,06	A	A	3,96	5,27	1863	1,01
	1.5+2.0+5.0	1,69	2,26	5,65	---	2,94	9,60	10,39	0,52	2,34	2,34	2,37	10,71	10,69	95	4,12	A	A+	4,05	6,23	2153	1,43
	1.5+2.0+6.0	1,52	2,02	6,06	---	3,21	9,60	11,14	0,53	2,22	2,50	2,41	10,17	11,45	95	4,33	A	A+	4,08	6,23	2136	1,41
	1.5+2.0+7.1	1,36	1,81	6,43	---	3,52	9,60	11,17	0,56	2,21	2,49	2,58	10,12	11,41	95	4,35	A	A+	4,11	6,23	2120	1,39
	1.5+2.5+2.5	1,85	3,08	3,08	---	2,38	8,00	9,29	0,47	1,95	2,12	2,15	8,93	9,68	95	4,11	A	A	3,97	4,57	1610	0,71
	1.5+2.5+3.5	1,80	3,00	4,20	---	2,66	9,00	10,07	0,51	2,22	2,37	2,32	10,17	10,86	95	4,07	A	A	3,97	5,27	1858	1,01
	1.5+2.5+4.2	1,76	2,93	4,92	---	2,86	9,60	10,08	0,53	2,42	2,37	2,41	11,08	10,86	95	3,97	A	A	3,98	5,27	1852	1,01
	1.5+2.5+5.0	1,60	2,67	5,33	---	3,07	9,60	10,90	0,54	2,34	2,58	2,45	10,71	11,79	95	4,12	A	A+	4,07	6,23	2140	1,43
	1.5+2.5+6.0	1,44	2,40	5,76	---	3,35	9,60	11,14	0,55	2,22	2,50	2,50	10,17	11,45	95	4,33	A	A+	4,10	6,23	2124	1,41
	1.5+2.5+7.1	1,30	2,16	6,14	---	3,65	9,60	11,17	0,58	2,21	2,49	2,67	10,12	11,41	95	4,35	A	A+	4,13	6,23	2108	1,39
	1.5+3.5+3.5	1,69	3,95	3,95	---	2,94	9,60	10,29	0,55	2,38	2,37	2,54	10,90	10,86	95	4,05	A	A+	4,01	6,23	2173	1,44
	1.5+3.5+4.2	1,57	3,65	4,38	---	3,13	9,60	10,77	0,57	2,38	2,61	2,62	10,90	11,96	95	4,05	A	A+	4,01	6,23	2174	1,43

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXM80N2V1B	1.5+3.5+5.0	1,44	3,36	4,80	---	3,35	9,60	10,91	0,57	2,34	2,57	2,62	10,71	11,75	95	4,12	A	A+	4,05	6,23	2149	1,42
	1.5+3.5+6.0	1,31	3,05	5,24	---	3,62	9,60	11,15	0,58	2,22	2,50	2,67	10,17	11,45	95	4,33	A	A+	4,08	6,23	2133	1,40
	1.5+3.5+7.1	1,19	2,78	5,63	---	3,93	9,60	11,18	0,62	2,21	2,48	2,84	10,12	11,37	95	4,35	A	A+	4,11	6,23	2117	1,38
	1.5+4.2+4.2	1,45	4,07	4,07	---	3,33	9,60	10,78	0,59	2,38	2,61	2,71	10,90	11,96	95	4,05	A	A+	4,01	6,23	2174	1,43
	1.5+4.2+5.0	1,35	3,77	4,49	---	3,54	9,60	10,91	0,62	2,34	2,57	2,84	10,71	11,75	95	4,12	A	A+	4,07	6,23	2142	1,42
	1.5+4.2+6.0	1,23	3,45	4,92	---	3,81	9,60	11,15	0,60	2,22	2,49	2,75	10,17	11,41	95	4,33	A	A+	4,10	6,23	2126	1,40
	1.5+4.2+7.1	1,13	3,15	5,33	---	4,12	9,60	11,19	0,67	2,21	2,48	3,05	10,12	11,37	95	4,35	A	A+	4,13	6,23	2111	1,38
	1.5+5.0+5.0	1,25	4,17	4,17	---	3,76	9,60	11,04	0,62	2,25	2,53	2,84	10,30	11,58	95	4,27	A	A+	4,08	6,23	2135	1,41
	1.5+5.0+6.0	1,15	3,84	4,61	---	4,04	9,60	11,28	0,63	2,14	2,50	2,88	9,80	11,45	95	4,50	A	A+	4,11	6,23	2119	1,40
	1.5+5.0+7.1	1,06	3,53	5,01	---	4,35	9,60	11,32	0,67	2,13	2,49	3,05	9,75	11,41	95	4,52	A	A+	4,14	6,23	2104	1,38
	1.5+6.0+6.0	1,07	4,27	4,27	---	4,31	9,60	11,52	0,64	2,07	2,43	2,93	9,48	11,12	95	4,65	A	A+	4,12	6,23	2113	1,39
	2.0+2.0+2.0	2,50	2,50	2,50	---	2,23	7,50	8,66	0,45	1,73	1,97	2,06	7,92	9,01	95	4,34	A	A	3,89	4,57	1644	0,71
	2.0+2.0+2.5	2,46	2,46	3,08	---	2,38	8,00	9,29	0,47	1,87	2,13	2,15	8,56	9,77	95	4,28	A	A	3,90	4,57	1638	0,70
	2.0+2.0+3.5	2,40	2,40	4,20	---	2,66	9,00	10,07	0,51	2,21	2,42	2,32	10,12	11,07	95	4,08	A	A	3,91	5,37	1919	1,04
	2.0+2.0+4.2	2,29	2,29	4,81	---	2,86	9,40	10,08	0,53	2,41	2,42	2,41	11,03	11,07	95	3,91	A	A	3,93	5,37	1913	1,04
	2.0+2.0+5.0	2,13	2,13	5,33	---	3,07	9,60	10,90	0,54	2,38	2,58	2,45	10,90	11,79	95	4,05	A	A+	4,01	6,23	2172	1,41
	2.0+2.0+6.0	1,92	1,92	5,76	---	3,35	9,60	11,14	0,55	2,26	2,50	2,50	10,35	11,45	95	4,25	A	A+	4,04	6,23	2156	1,40
	2.0+2.0+7.1	1,73	1,73	6,14	---	3,65	9,60	11,17	0,58	2,25	2,49	2,67	10,30	11,41	95	4,27	A	A+	4,07	6,23	2140	1,38
	2.0+2.5+2.5	2,43	3,04	3,04	---	2,52	8,50	9,29	0,49	2,10	2,12	2,24	9,62	9,68	95	4,07	A	A	3,93	4,77	1697	0,79
	2.0+2.5+3.5	2,33	2,91	4,07	---	2,79	9,30	10,07	0,53	2,39	2,40	2,41	10,94	10,99	95	3,90	A	A	3,95	5,37	1902	1,04
	2.0+2.5+4.2	2,21	2,76	4,63	---	2,99	9,60	10,56	0,55	2,50	2,64	2,54	11,45	12,08	95	3,85	A	A	3,96	5,37	1896	1,04
	2.0+2.5+5.0	2,02	2,53	5,05	---	3,21	9,60	10,90	0,55	2,34	2,58	2,54	10,71	11,79	95	4,12	A	A+	4,05	6,23	2152	1,41
	2.0+2.5+6.0	1,83	2,29	5,49	---	3,49	9,60	11,14	0,56	2,22	2,50	2,58	10,17	11,45	95	4,33	A	A+	4,08	6,23	2137	1,39
	2.0+2.5+7.1	1,66	2,07	5,88	---	3,79	9,60	11,17	0,60	2,21	2,49	2,75	10,12	11,41	95	4,35	A	A+	4,11	6,23	2121	1,37
	2.0+3.5+3.5	2,13	3,73	3,73	---	3,07	9,60	10,76	0,55	2,38	2,61	2,54	10,90	11,96	95	4,05	A	A+	4,10	6,23	2124	1,42
	2.0+3.5+4.2	1,98	3,46	4,16	---	3,26	9,60	10,77	0,59	2,38	2,61	2,71	10,90	11,96	95	4,05	A	A+	4,11	6,23	2118	1,42
	2.0+3.5+5.0	1,83	3,20	4,57	---	3,49	9,60	10,91	0,59	2,34	2,58	2,71	10,71	11,79	95	4,12	A	A+	4,17	6,23	2088	1,41
	2.0+3.5+6.0	1,67	2,92	5,01	---	3,76	9,60	11,15	0,60	2,22	2,50	2,75	10,17	11,45	95	4,33	A	A+	4,20	6,23	2073	1,39
	2.0+3.5+7.1	1,52	2,67	5,41	---	4,07	9,60	11,18	0,65	2,21	2,48	2,97	10,12	11,37	95	4,35	A	A+	4,23	6,23	2058	1,37
	2.0+4.2+4.2	1,85	3,88	3,88	---	3,46	9,60	10,78	0,61	2,38	2,61	2,80	10,90	11,96	95	4,05	A	A+	4,13	6,23	2111	1,41
	2.0+4.2+5.0	1,71	3,60	4,29	---	3,68	9,60	10,91	0,64	2,34	2,57	2,93	10,71	11,75	95	4,12	A	A+	4,19	6,23	2081	1,40
	2.0+4.2+6.0	1,57	3,30	4,72	---	3,96	9,60	11,15	0,63	2,22	2,49	2,88	10,17	11,41	95	4,33	A	A+	4,22	6,23	2066	1,38
	2.0+4.2+7.1	1,44	3,03	5,12	---	4,26	9,60	11,19	0,69	2,21	2,48	3,14	10,12	11,37	95	4,35	A	A+	4,25	6,23	2052	1,37
	2.0+5.0+5.0	1,60	4,00	4,00	---	3,90	9,60	11,04	0,64	2,25	2,53	2,93	10,30	11,58	95	4,27	A	A+	4,20	6,23	2075	1,40
	2.0+5.0+6.0	1,48	3,69	4,43	---	4,17	9,60	11,28	0,65	2,14	2,50	2,97	9,80	11,45	95	4,50	A	A+	4,23	6,23	2060	1,38
	2.0+5.0+7.1	1,36	3,40	4,83	---	4,48	9,60	11,32	0,70	2,13	2,49	3,18	9,75	11,41	95	4,52	A	A+	4,26	6,23	2046	1,36
	2.0+6.0+6.0	1,37	4,11	4,11	---	4,45	9,60	11,52	0,66	2,07	2,43	3,01	9,48	11,12	95	4,65	A	A+	4,24	6,23	2054	1,38
	2.5+2.5+2.5	3,20	3,20	3,20	---	2,66	9,60	10,28	0,51	2,49	2,52	2,32	11,40	11,54	95	3,86	A	A+	4,04	4,77	1651	0,77
	2.5+2.5+3.5	2,82	2,82	3,95	---	2,94	9,60	10,52	0,55	2,46	2,57	2,54	11,26	11,75	95	3,91	A	A+	4,06	5,37	1850	1,03
	2.5+2.5+4.2	2,61	2,61	4,38	---	3,13	9,60	11,02	0,57	2,44	2,81	2,62	11,17	12,84	95	3,94	A	A+	4,07	5,37	1844	1,02
	2.5+2.5+5.0	2,40	2,40	4,80	---	3,35	9,60	10,90	0,57	2,35	2,58	2,62	10,76	11,79	95	4,10	A	A+	4,15	6,23	2100	1,40
	2.5+2.5+6.0	2,18	2,18	5,24	---	3,62	9,60	11,14	0,58	2,26	2,50	2,67	10,35	11,45	95	4,25	A	A+	4,18	6,23	2084	1,38
	2.5+2.5+7.1	1,98	1,98	5,63	---	3,93	9,60	11,17	0,62	2,26	2,49	2,84	10,35	11,41	95	4,25	A	A+	4,21	6,23	2069	1,36
	2.5+3.5+3.5	2,53	3,54	3,54	---	3,21	9,60	10,76	0,57	2,41	2,61	2,62	11,03	11,96	95	4,00	A	A+	4,10	6,23	2124	1,41
	2.5+3.5+4.2	2,35	3,29	3,95	---	3,41	9,60	10,77	0,61	2,39	2,61	2,80	10,94	11,96	95	4,03	A	A+	4,11	6,23	2118	1,40
	2.5+3.5+5.0	2,18	3,05	4,36	---	3,62	9,60	10,91	0,62	2,30	2,58	2,84	10,53	11,79	95	4,19	A	A+	4,17	6,23	2087	1,39
	2.5+3.5+6.0	2,00	2,80	4,80	---	3,90	9,60	11,15	0,63	2,25	2,50	2,88	10,30	11,45	95	4,27	A	A+	4,20	6,23	2072	1,37
	2.5+3.5+7.1	1,83	2,56	5,20	---	4,20	9,60	11,18	0,67	2,21	2,48	3,05	10,12	11,37	95	4,35	A	A+	4,23	6,23	2058	1,35
	2.5+4.2+4.2	2,20	3,70	3,70	---	3,60	9,60	10,78	0,64	2,37	2,61	2,93	10,85	11,96	95	4,06	A	A+	4,13	6,23	2111	1,40
	2.5+4.2+5.0	2,05	3,45	4,10	---	3,81	9,60	10,91	0,66	2,28	2,57	3,01	10,44	11,75	95	4,22	A	A+	4,19	6,23	2081	1,39
	2.5+4.2+6.0	1,89	3,17	4,54	---	4,09	9,60	11,15	0,65	2,24	2,49	2,97	10,26	11,41	95	4,30	A	A+	4,22	6,23	2066	1,37
	2.5+4.2+7.1	1,74	2,92	4,94	---	4,40	9,60	11,19	0,71	2,20	2,48	3,27	10,07	11,37	95	4,38	A	A+	4,25	6,23	2052	1,35
	2.5+5.0+5.0	1,92	3,84	3,84	---	4,04	9,60	11,04	0,67	2,26	2,53	3,05	10,35	11,58	95	4,25	A	A+	4,20	6,23	2074	1,38
	2.5+5.0+6.0	1,78	3,56	4,27	---	4,31	9,60	11,28	0,68	2,18	2,50	3,10	9,98	11,45	95	4,42	A	A+	4,23	6,23	2059	1,37
	2.5+6.0+6.0	1,66	3,97	3,97	---	4,59	9,60	11,52	0,68	2,11	2,43	3,10	9,66	11,12	95	4,57	A	A+	4,27	6,23	2042	1,36
	3.5+3.5+3.5	3,20	3,20	3,20	---	3,49	9,60	10,77	0,61	2,42	2,61	2,80	11,08	11,96	95	3,97	A	A+	4,13	6,23	2107	1,38
	3.5+3.5+4.2	3,00	3,00	3,60	---	3,68	9,60	10,78	0,66	2,40	2,61	3,01	10,99	11,96	95	4,00	A	A+	4,15	6,23	2101	1,38
	3.5+3.5+5.0	2,80	2,80	4,00	---	3,90	9,60	10,91	0,66	2,37	2,57	3,01	10,85	11,75	95	4,06	A	A+	4,21	6,23	2072	1,37
	3.5+3.5+6.0	2,58	2,58	4,43	---	4,17	9,60	11,15	0,67	2,22	2,49	3,05	10,17	11,41	95	4,33	A	A+	4,24	6,23	2057	1,35
	3.5+3.5+7.1	2,38	2,38	4,83	---	4,48	9,60	11,19	0,71	2,21	2,48	3,27	10,12	11,37	95	4,35	A	A+	4,26	6,23	2043	1,33
	3.5+4.2+4.2	2,82	3,39	3,39	---	3,88	9,60	10,80	0,68	2,38	2,60	3,10	10,90	11,92	95	4,05	A	A+	4,16	6,23	2094	1,37
	3.5+4.2+5.0	2,65	3,17	3,78	---	4,09	9,60	10,92	0,71	2,35	2,57	3,23	10,76	11,75	95	4,10	A	A+	4,22	6,23	2065	1,36
	3.5+4.2+6.0	2,45	2,94	4,20	---	4,37	9,60	11,16	0,70	2,21	2,49	3,18	10,12	11,41	95	4,35	A	A+	4,25	6,23	2051	1,34
	3.5+5.0+5.0	2,49	3,56	3,56	---	4,31	9,60	11,06	0,71	2,25	2,53	3,27	10,30	11,58	95	4,27	A	A+	4,27	6,23	2039	1,36
	3.5+5.0+6.0	2,32	3,31	3,97	---	4,59	9,60	11,29	0,72	2,14	2,50	3,31	9,80	11,45	95	4,50	A	A+	4,30	6,23	2025	1,34
	4.2+4.2+4.2	3,20	3,20	3,20	---	4,07	9,60	10,80	0,71	2,36	2,60	3,23	10,81	11,92	95	4,07	A	A+	4,24	6,23	2056	1,37
	4.2+4.2+5.0	3,01	3,01	3,58	---	4,28	9,60	10,93	0,73	2,33	2,57	3,36	10,67	11,75	95	4,13	A	A+	4,30	6,23	2028	1,36

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXM80N2V1B	4.2+4.2+6.0	2,80	2,80	4,00	---	4,56	9,60	11,17	0,74	2,21	2,49	3,40	10,12	11,41	95	4,35	A	A+	4,33	6,23	2014	1,34
	4.2+5.0+5.0	2,84	3,38	3,38	---	4,51	9,60	11,07	0,76	2,24	2,52	3,48	10,26	11,54	95	4,29	A	A+	4,33	6,23	2014	1,35
	1.5+1.5+1.5+1.5	1,83	1,83	1,83	1,83	2,23	7,30	8,81	0,39	1,61	1,84	1,76	7,37	8,42	95	4,56	A	A+	4,04	6,23	2157	1,40
	1.5+1.5+1.5+2.0	1,85	1,85	1,85	2,46	2,38	8,00	9,40	0,39	1,81	2,04	1,81	8,29	9,35	95	4,43	A	A+	4,04	6,23	2159	1,39
	1.5+1.5+1.5+2.5	1,82	1,82	1,82	3,04	2,52	8,50	9,50	0,41	1,95	2,04	1,89	8,93	9,35	95	4,37	A	A+	4,05	6,23	2151	1,39
	1.5+1.5+1.5+3.5	1,74	1,74	1,74	4,07	2,79	9,30	10,59	0,45	2,13	2,31	2,06	9,75	10,57	95	4,37	A	A+	4,08	6,23	2134	1,38
	1.5+1.5+1.5+4.2	1,66	1,66	1,66	4,63	2,99	9,60	11,16	0,48	2,21	2,49	2,19	10,12	11,41	95	4,35	A	A+	4,10	6,23	2126	1,38
	1.5+1.5+1.5+5.0	1,52	1,52	1,52	5,05	3,21	9,60	11,29	0,49	2,14	2,50	2,24	9,80	11,45	95	4,50	A	A+	4,17	6,23	2089	1,37
	1.5+1.5+1.5+6.0	1,37	1,37	1,37	5,49	3,49	9,60	11,53	0,49	2,06	2,43	2,24	9,43	11,12	95	4,67	A	A+	4,20	6,23	2072	1,36
	1.5+1.5+1.5+7.1	1,24	1,24	1,24	5,88	3,79	9,60	11,56	0,53	2,05	2,42	2,41	9,39	11,07	95	4,69	A	A+	4,24	6,23	2056	1,36
	1.5+1.5+2.0+2.0	1,82	1,82	2,43	2,43	2,52	8,50	9,40	0,41	1,99	2,04	1,89	9,11	9,35	95	4,28	A	A+	4,14	6,23	2106	1,39
	1.5+1.5+2.0+2.5	1,80	1,80	2,40	3,00	2,66	9,00	10,26	0,43	2,14	2,31	1,98	9,80	10,57	95	4,22	A	A+	4,15	6,23	2098	1,38
	1.5+1.5+2.0+3.5	1,69	1,69	2,26	3,95	2,94	9,60	10,59	0,49	2,22	2,31	2,24	10,17	10,57	95	4,33	A	A+	4,18	6,23	2082	1,38
	1.5+1.5+2.0+4.2	1,57	1,57	2,09	4,38	3,13	9,60	11,16	0,50	2,21	2,49	2,28	10,12	11,41	95	4,35	A	A+	4,20	6,23	2075	1,37
	1.5+1.5+2.0+5.0	1,44	1,44	1,92	4,80	3,35	9,60	11,29	0,51	2,14	2,50	2,32	9,80	11,45	95	4,50	A	A+	4,27	6,23	2041	1,36
	1.5+1.5+2.0+6.0	1,31	1,31	1,75	5,24	3,62	9,60	11,53	0,51	2,06	2,43	2,32	9,43	11,12	95	4,67	A	A+	4,30	6,23	2025	1,36
	1.5+1.5+2.0+7.1	1,19	1,19	1,59	5,63	3,93	9,60	11,56	0,55	2,05	2,42	2,50	9,39	11,07	95	4,69	A	A+	4,34	6,23	2009	1,35
	1.5+1.5+2.5+2.5	1,80	1,80	3,00	3,00	2,79	9,60	10,58	0,45	2,21	2,31	2,06	10,12	10,57	95	4,35	A	A+	4,17	6,23	2089	1,38
	1.5+1.5+2.5+3.5	1,60	1,60	2,67	3,73	3,07	9,60	11,15	0,51	2,22	2,49	2,32	10,17	11,41	95	4,33	A	A+	4,20	6,23	2074	1,37
	1.5+1.5+2.5+4.2	1,48	1,48	2,47	4,16	3,26	9,60	11,16	0,52	2,21	2,49	2,37	10,12	11,41	95	4,35	A	A+	4,22	6,23	2066	1,37
	1.5+1.5+2.5+5.0	1,37	1,37	2,29	4,57	3,49	9,60	11,29	0,53	2,14	2,50	2,41	9,80	11,45	95	4,50	A	A+	4,29	6,23	2032	1,36
	1.5+1.5+2.5+6.0	1,25	1,25	2,09	5,01	3,76	9,60	11,53	0,54	2,06	2,43	2,45	9,43	11,12	95	4,67	A	A+	4,32	6,23	2017	1,35
	1.5+1.5+2.5+7.1	1,14	1,14	1,90	5,41	4,07	9,60	11,56	0,58	2,05	2,42	2,67	9,39	11,07	95	4,69	A	A+	4,35	6,23	2001	1,35
	1.5+1.5+3.5+3.5	1,44	1,44	3,36	3,36	3,35	9,60	11,16	0,55	2,21	2,49	2,50	10,12	11,41	95	4,35	A	A+	4,22	6,23	2066	1,37
	1.5+1.5+3.5+4.2	1,35	1,35	3,14	3,77	3,54	9,60	11,17	0,56	2,21	2,49	2,58	10,12	11,41	95	4,35	A	A+	4,23	6,23	2058	1,37
	1.5+1.5+3.5+5.0	1,25	1,25	2,92	4,17	3,76	9,60	11,29	0,58	2,13	2,49	2,67	9,75	11,41	95	4,52	A	A+	4,30	6,23	2024	1,35
	1.5+1.5+3.5+6.0	1,15	1,15	2,69	4,61	4,04	9,60	11,53	0,57	2,06	2,42	2,62	9,43	11,07	95	4,67	A	A+	4,34	6,23	2009	1,35
	1.5+1.5+3.5+7.1	1,06	1,06	2,47	5,01	4,35	9,60	11,58	0,63	2,05	2,41	2,88	9,39	11,03	95	4,69	A	A+	4,37	6,23	1994	1,35
	1.5+1.5+4.2+4.2	1,26	1,26	3,54	3,54	3,73	9,60	11,18	0,60	2,21	2,48	2,75	10,12	11,37	95	4,35	A	A+	4,25	6,23	2050	1,36
	1.5+1.5+4.2+5.0	1,18	1,18	3,30	3,93	3,96	9,60	11,30	0,60	2,13	2,49	2,75	9,75	11,41	95	4,52	A	A+	4,32	6,23	2017	1,35
	1.5+1.5+4.2+6.0	1,09	1,09	3,05	4,36	4,23	9,60	11,54	0,61	2,06	2,42	2,80	9,43	11,07	95	4,67	A	A+	4,35	6,23	2001	1,35
	1.5+1.5+4.2+7.1	1,01	1,01	2,82	4,77	4,54	9,60	11,58	0,65	2,05	2,41	2,97	9,39	11,03	95	4,69	A	A+	4,39	6,23	1986	1,34
	1.5+1.5+5.0+5.0	1,11	1,11	3,69	3,69	4,17	9,60	11,44	0,63	2,09	2,46	2,88	9,57	11,24	95	4,61	A	A+	4,34	6,23	2009	1,35
	1.5+1.5+5.0+6.0	1,03	1,03	3,43	4,11	4,45	9,60	11,68	0,63	1,97	2,38	2,88	9,02	10,91	95	4,88	A	A+	4,37	6,23	1993	1,34
	1.5+2.0+2.0+2.0	1,90	2,53	2,53	2,53	2,66	9,50	10,17	0,43	2,26	2,31	1,98	10,35	10,57	95	4,21	A	A+	4,10	6,23	2125	1,38
	1.5+2.0+2.0+2.5	1,80	2,40	2,40	3,00	2,79	9,60	10,26	0,45	2,26	2,31	2,06	10,35	10,57	95	4,25	A	A+	4,11	6,23	2122	1,38
	1.5+2.0+2.0+3.5	1,60	2,13	2,13	3,73	3,07	9,60	11,15	0,51	2,25	2,49	2,32	10,30	11,41	95	4,28	A	A+	4,12	6,23	2116	1,37
	1.5+2.0+2.0+4.2	1,48	1,98	1,98	4,16	3,26	9,60	11,16	0,52	2,23	2,49	2,37	10,21	11,41	95	4,31	A	A+	4,12	6,23	2113	1,37
	1.5+2.0+2.0+5.0	1,37	1,83	1,83	4,57	3,49	9,60	11,29	0,53	2,14	2,50	2,41	9,80	11,45	95	4,50	A	A+	4,19	6,23	2078	1,35
	1.5+2.0+2.0+6.0	1,25	1,67	1,67	5,01	3,76	9,60	11,53	0,54	2,06	2,43	2,45	9,43	11,12	95	4,67	A	A+	4,23	6,23	2061	1,35
	1.5+2.0+2.0+7.1	1,14	1,52	1,52	5,41	4,07	9,60	11,56	0,58	2,05	2,42	2,67	9,39	11,07	95	4,69	A	A+	4,26	6,23	2045	1,35
	1.5+2.0+2.5+2.5	1,69	2,26	2,82	2,82	2,94	9,60	10,58	0,49	2,22	2,31	2,24	10,17	10,57	95	4,33	A	A+	4,10	6,23	2128	1,37
	1.5+2.0+2.5+3.5	1,52	2,02	2,53	3,54	3,21	9,60	11,15	0,53	2,22	2,49	2,41	10,17	11,41	95	4,33	A	A+	4,13	6,23	2112	1,37
	1.5+2.0+2.5+4.2	1,41	1,88	2,35	3,95	3,41	9,60	11,16	0,55	2,21	2,49	2,50	10,12	11,41	95	4,35	A	A+	4,14	6,23	2104	1,36
	1.5+2.0+2.5+5.0	1,31	1,75	2,18	4,36	3,62	9,60	11,29	0,56	2,14	2,50	2,58	9,80	11,45	95	4,50	A	A+	4,21	6,23	2069	1,35
	1.5+2.0+2.5+6.0	1,20	1,60	2,00	4,80	3,90	9,60	11,53	0,55	2,06	2,43	2,54	9,43	11,12	95	4,67	A	A+	4,24	6,23	2053	1,35
	1.5+2.0+2.5+7.1	1,10	1,47	1,83	5,20	4,20	9,60	11,56	0,61	2,05	2,42	2,80	9,39	11,07	95	4,69	A	A+	4,28	6,23	2038	1,34
	1.5+2.0+3.5+3.5	1,37	1,83	3,20	3,20	3,49	9,60	11,16	0,56	2,21	2,49	2,58	10,12	11,41	95	4,35	A	A+	4,14	6,23	2103	1,36
	1.5+2.0+3.5+4.2	1,29	1,71	3,00	3,60	3,68	9,60	11,17	0,58	2,21	2,49	2,67	10,12	11,41	95	4,35	A	A+	4,16	6,23	2096	1,36
	1.5+2.0+3.5+5.0	1,20	1,60	2,80	4,00	3,90	9,60	11,29	0,60	2,13	2,49	2,75	9,75	11,41	95	4,52	A	A+	4,23	6,23	2061	1,35
	1.5+2.0+3.5+6.0	1,11	1,48	2,58	4,43	4,17	9,60	11,53	0,61	2,06	2,42	2,80	9,43	11,07	95	4,67	A	A+	4,26	6,23	2045	1,34
	1.5+2.0+3.5+7.1	1,02	1,36	2,38	4,83	4,48	9,60	11,58	0,65	2,05	2,41	2,97	9,39	11,03	95	4,69	A	A+	4,29	6,23	2030	1,34
	1.5+2.0+4.2+4.2	1,21	1,61	3,39	3,39	3,88	9,60	11,18	0,62	2,25	2,48	2,84	10,30	11,37	95	4,27	A	A+	4,17	6,23	2087	1,35
	1.5+2.0+4.2+5.0	1,13	1,51	3,17	3,78	4,09	9,60	11,30	0,63	2,13	2,49	2,88	9,75	11,41	95	4,52	A	A+	4,24	6,23	2053	1,34
	1.5+2.0+4.2+6.0	1,05	1,40	2,94	4,20	4,37	9,60	11,54	0,63	2,06	2,42	2,88	9,43	11,07	95	4,67	A	A+	4,28	6,23	2037	1,34
	1.5+2.0+5.0+5.0	1,07	1,42	3,56	3,56	4,31	9,60	11,44	0,65	2,09	2,46	2,97	9,57	11,24	95	4,61	A	A+	4,40	6,23	1979	1,34
	1.5+2.0+5.0+6.0	0,99	1,32	3,31	3,97	4,59	9,60	11,68	0,66	1,97	2,38	3,01	9,02	10,91	95	4,88	A	A+	4,44	6,23	1964	1,34
	1.5+2.5+2.5+2.5	1,60	2,67	2,67	2,67	3,07	9,60	11,14	0,51	2,22	2,50	2,32	10,17	11,45	95	4,33	A	A+	4,09	6,23	2129	1,36
	1.5+2.5+2.5+3.5	1,44	2,40	2,40	3,36	3,35	9,60	11,15	0,55	2,22	2,49	2,50	10,17	11,41	95	4,33	A	A+	4,12	6,23	2113	1,35
	1.5+2.5+2.5+4.2	1,35	2,24	2,24	3,77	3,54	9,60	11,16	0,56	2,21	2,49	2,58	10,12	11,41	95	4,35	A	A+	4,14	6,23	2105	1,35
	1.5+2.5+2.5+5.0	1,25	2,09	2,09	4,17	3,76	9,60	11,29	0,58	2,14	2,50	2,67	9,80	11,45	95	4,50	A	A+	4,21	6,23	2070	1,34
	1.5+2.5+2.5+6.0	1,15	1,92	1,92	4,61	4,04	9,60	11,53	0,57	2,06	2,43	2,62	9,43	11,12	95	4,67	A	A+	4,24	6,23	2054	1,33
	1.5+2.5+2.5+7.1	1,06	1,76	1,76	5,01	4,35	9,60	11,56	0,63	2,05	2,42	2,88	9,39	11,07	95	4,69	A	A+	4,28	6,23	2038	1,33
	1.5+2.5+3.5+3.5	1,31	2,18	3,05	3,05	3,62	9,60	11,16	0,58	2,21	2,49	2,67	10,12	11,41	95	4,35	A	A+	4,14	6,23	2104	1,35
	1.5+2.5+3.5+4.2	1,23	2,05	2,87	3,45	3,81	9,60	11,17	0,60	2,24	2,49	2,75	10,26	11,41	95	4,29	A	A+	4,15	6,23	2101	1,34
	1.5+2.5+3.5+5.0	1,15	1,92	2,69	3,84	4,04	9,60	11,29	0,63	2,13	2,49	2,88	9,75	11,41	95	4,52	A	A+	4,22	6,23	2066	1,33

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXM80N2V1B	1.5+2.5+3.5+6.0	1,07	1,78	2,49	4,27	4,31	9,60	11,53	0,63	2,06	2,42	2,88	9,43	11,07	95	4,67	A	A+	4,45	6,23	1960	1,33
	1.5+2.5+4.2+4.2	1,16	1,94	3,25	3,25	4,01	9,60	11,18	0,65	2,25	2,48	2,97	10,30	11,37	95	4,28	A	A+	4,15	6,23	2099	1,34
	1.5+2.5+4.2+5.0	1,09	1,82	3,05	3,64	4,23	9,60	11,30	0,65	2,16	2,49	2,97	9,89	11,41	95	4,45	A	A+	4,20	6,23	2077	1,33
	1.5+2.5+4.2+6.0	1,01	1,69	2,84	4,06	4,51	9,60	11,54	0,66	2,06	2,42	3,01	9,43	11,07	95	4,67	A	A+	4,23	6,23	2061	1,32
	1.5+2.5+5.0+5.0	1,03	1,71	3,43	3,43	4,45	9,60	11,44	0,67	2,09	2,46	3,05	9,57	11,24	95	4,61	A	A+	4,26	6,23	2047	1,32
	1.5+3.5+3.5+3.5	1,20	2,80	2,80	2,80	3,90	9,60	11,17	0,62	2,21	2,49	2,84	10,12	11,41	95	4,35	A	A+	4,23	6,23	2062	1,31
	1.5+3.5+3.5+4.2	1,13	2,65	2,65	3,17	4,09	9,60	11,18	0,65	2,25	2,48	2,97	10,30	11,37	95	4,27	A	A+	4,24	6,23	2054	1,31
	1.5+3.5+3.5+5.0	1,07	2,49	2,49	3,56	4,31	9,60	11,30	0,67	2,13	2,49	3,05	9,75	11,41	95	4,52	A	A+	4,31	6,23	2021	1,30
	1.5+3.5+3.5+6.0	0,99	2,32	2,32	3,97	4,59	9,60	11,54	0,68	2,06	2,42	3,10	9,43	11,07	95	4,67	A	A+	4,35	6,23	2005	1,29
	1.5+3.5+4.2+4.2	1,07	2,51	3,01	3,01	4,28	9,60	11,18	0,69	2,25	2,48	3,14	10,30	11,37	95	4,28	A	A+	4,23	6,23	2058	1,31
	1.5+3.5+4.2+5.0	1,01	2,37	2,84	3,38	4,51	9,60	11,32	0,70	2,16	2,49	3,18	9,89	11,41	95	4,45	A	A+	4,30	6,23	2025	1,29
	1.5+4.2+4.2+4.2	1,02	2,86	2,86	2,86	4,48	9,60	11,19	0,71	2,23	2,48	3,27	10,21	11,37	95	4,32	A	A+	4,30	6,23	2026	1,30
	2.0+2.0+2.0+2.0	2,40	2,40	2,40	2,40	2,79	9,60	10,17	0,45	1,94	2,31	2,06	8,88	10,57	95	4,97	A	A+	4,55	6,23	1915	1,37
	2.0+2.0+2.0+2.5	2,26	2,26	2,26	2,82	2,94	9,60	10,32	0,49	2,35	2,31	2,24	10,76	10,57	95	4,09	A	A+	4,57	6,23	1908	1,37
	2.0+2.0+2.0+3.5	2,02	2,02	2,02	3,54	3,21	9,60	11,15	0,53	2,22	2,49	2,41	10,17	11,41	95	4,33	A	A++	4,60	6,23	1894	1,36
	2.0+2.0+2.0+4.2	1,88	1,88	1,88	3,95	3,41	9,60	11,16	0,55	2,21	2,49	2,50	10,12	11,41	95	4,35	A	A++	4,62	6,23	1887	1,36
	2.0+2.0+2.0+5.0	1,75	1,75	1,75	4,36	3,62	9,60	11,29	0,56	2,14	2,50	2,58	9,80	11,45	95	4,50	A	A++	4,69	6,23	1857	1,35
	2.0+2.0+2.0+6.0	1,60	1,60	1,60	4,80	3,90	9,60	11,53	0,55	2,06	2,43	2,54	9,43	11,12	95	4,67	A	A++	4,73	6,23	1843	1,34
	2.0+2.0+2.0+7.1	1,47	1,47	1,47	5,20	4,20	9,60	11,56	0,61	2,05	2,42	2,80	9,39	11,07	95	4,69	A	A++	4,77	6,23	1829	1,34
	2.0+2.0+2.5+2.5	2,13	2,13	2,67	2,67	3,07	9,60	11,14	0,51	2,22	2,50	2,32	10,17	11,45	95	4,33	A	A+	4,59	6,23	1900	1,37
	2.0+2.0+2.5+3.5	1,92	1,92	2,40	3,36	3,35	9,60	11,15	0,55	2,22	2,49	2,50	10,17	11,41	95	4,33	A	A++	4,62	6,23	1887	1,36
	2.0+2.0+2.5+4.2	1,79	1,79	2,24	3,77	3,54	9,60	11,16	0,56	2,21	2,49	2,58	10,12	11,41	95	4,35	A	A++	4,64	6,23	1880	1,35
	2.0+2.0+2.5+5.0	1,67	1,67	2,09	4,17	3,76	9,60	11,29	0,58	2,14	2,50	2,67	9,80	11,45	95	4,50	A	A++	4,71	6,23	1850	1,34
	2.0+2.0+2.5+6.0	1,54	1,54	1,92	4,61	4,04	9,60	11,53	0,57	2,06	2,43	2,62	9,43	11,12	95	4,67	A	A++	4,75	6,23	1836	1,34
	2.0+2.0+2.5+7.1	1,41	1,41	1,76	5,01	4,35	9,60	11,56	0,63	2,05	2,42	2,88	9,39	11,07	95	4,69	A	A++	4,78	6,23	1822	1,34
	2.0+2.0+3.5+3.5	1,75	1,75	3,05	3,05	3,62	9,60	11,16	0,58	2,21	2,49	2,67	10,12	11,41	95	4,35	A	A++	4,64	6,23	1879	1,35
	2.0+2.0+3.5+4.2	1,64	1,64	2,87	3,45	3,81	9,60	11,17	0,60	2,26	2,49	2,75	10,35	11,41	95	4,25	A	A++	4,65	6,23	1872	1,35
	2.0+2.0+3.5+5.0	1,54	1,54	2,69	3,84	4,04	9,60	11,29	0,63	2,13	2,49	2,88	9,75	11,41	95	4,52	A	A++	4,73	6,23	1843	1,34
	2.0+2.0+3.5+6.0	1,42	1,42	2,49	4,27	4,31	9,60	11,53	0,63	2,06	2,42	2,88	9,43	11,07	95	4,67	A	A++	4,77	6,23	1829	1,34
	2.0+2.0+4.2+4.2	1,55	1,55	3,25	3,25	4,01	9,60	11,18	0,62	2,25	2,48	2,84	10,30	11,37	95	4,28	A	A++	4,67	6,23	1865	1,35
	2.0+2.0+4.2+5.0	1,45	1,45	3,05	3,64	4,23	9,60	11,30	0,65	2,16	2,49	2,97	9,89	11,41	95	4,45	A	A++	4,75	6,23	1835	1,34
	2.0+2.0+4.2+6.0	1,35	1,35	2,84	4,06	4,51	9,60	11,54	0,66	2,06	2,42	3,01	9,43	11,07	95	4,67	A	A++	4,78	6,23	1822	1,33
	2.0+2.0+5.0+5.0	1,37	1,37	3,43	3,43	4,45	9,60	11,44	0,68	2,09	2,46	3,10	9,57	11,24	95	4,61	A	A++	4,77	6,23	1828	1,33
	2.0+2.5+2.5+2.5	2,02	2,53	2,53	2,53	3,21	9,60	11,14	0,53	2,22	2,50	2,41	10,17	11,45	95	4,33	A	A++	4,61	6,23	1892	1,35
	2.0+2.5+2.5+3.5	1,83	2,29	2,29	3,20	3,49	9,60	11,15	0,56	2,22	2,49	2,58	10,17	11,41	95	4,33	A	A++	4,64	6,23	1879	1,34
	2.0+2.5+2.5+4.2	1,71	2,14	2,14	3,60	3,68	9,60	11,16	0,58	2,26	2,49	2,67	10,35	11,41	95	4,25	A	A++	4,66	6,23	1872	1,34
	2.0+2.5+2.5+5.0	1,60	2,00	2,00	4,00	3,90	9,60	11,29	0,61	2,18	2,50	2,80	9,98	11,45	95	4,41	A	A++	4,73	6,23	1842	1,33
	2.0+2.5+2.5+6.0	1,48	1,85	1,85	4,43	4,17	9,60	11,53	0,61	2,06	2,43	2,80	9,43	11,12	95	4,67	A	A++	4,77	6,23	1828	1,32
	2.0+2.5+2.5+7.1	1,36	1,70	1,70	4,83	4,48	9,60	11,56	0,65	2,05	2,42	2,97	9,39	11,07	95	4,69	A	A++	4,80	6,23	1815	1,32
	2.0+2.5+3.5+3.5	1,67	2,09	2,92	2,92	3,76	9,60	11,16	0,60	2,25	2,49	2,75	10,30	11,41	95	4,27	A	A++	4,66	6,23	1871	1,34
	2.0+2.5+3.5+4.2	1,57	1,97	2,75	3,30	3,96	9,60	11,17	0,62	2,24	2,49	2,84	10,26	11,41	95	4,29	A	A++	4,67	6,23	1864	1,34
	2.0+2.5+3.5+5.0	1,48	1,85	2,58	3,69	4,17	9,60	11,29	0,65	2,16	2,49	2,97	9,89	11,41	95	4,45	A	A++	4,75	6,23	1835	1,32
	2.0+2.5+3.5+6.0	1,37	1,71	2,40	4,11	4,45	9,60	11,53	0,66	2,06	2,42	3,01	9,43	11,07	95	4,67	A	A++	4,79	6,23	1821	1,32
	2.0+2.5+4.2+4.2	1,49	1,86	3,13	3,13	4,15	9,60	11,18	0,65	2,23	2,48	2,97	10,21	11,37	95	4,32	A	A++	4,69	6,23	1857	1,33
	2.0+2.5+4.2+5.0	1,40	1,75	2,94	3,50	4,37	9,60	11,30	0,67	2,15	2,49	3,05	9,84	11,41	95	4,48	A	A++	4,77	6,23	1828	1,32
	2.0+2.5+5.0+5.0	1,32	1,66	3,31	3,31	4,59	9,60	11,44	0,70	2,12	2,46	3,18	9,71	11,24	95	4,53	A	A++	4,79	6,23	1821	1,32
	2.0+3.5+3.5+3.5	1,54	2,69	2,69	2,69	4,04	9,60	11,17	0,65	2,11	2,49	2,97	9,66	11,41	95	4,55	A	A++	4,66	6,23	1869	1,31
	2.0+3.5+3.5+4.2	1,45	2,55	2,55	3,05	4,23	9,60	11,18	0,67	2,25	2,48	3,05	10,30	11,37	95	4,28	A	A++	4,68	6,23	1862	1,30
	2.0+3.5+3.5+5.0	1,37	2,40	2,40	3,43	4,45	9,60	11,30	0,70	2,16	2,49	3,18	9,89	11,41	95	4,45	A	A++	4,76	6,23	1833	1,29
	2.0+3.5+4.2+4.2	1,38	2,42	2,90	2,90	4,43	9,60	11,18	0,71	2,23	2,48	3,27	10,21	11,37	95	4,32	A	A++	4,70	6,23	1855	1,30
	2.5+2.5+2.5+2.5	2,40	2,40	2,40	2,40	3,35	9,60	11,14	0,55	2,22	2,50	2,50	10,17	11,45	95	4,33	A	A++	4,62	6,23	1884	1,34
	2.5+2.5+2.5+3.5	2,18	2,18	2,18	3,05	3,62	9,60	11,15	0,58	2,26	2,49	2,67	10,35	11,41	95	4,25	A	A++	4,66	6,23	1871	1,34
	2.5+2.5+2.5+4.2	2,05	2,05	2,05	3,45	3,81	9,60	11,16	0,60	2,25	2,49	2,75	10,30	11,41	95	4,28	A	A++	4,68	6,23	1864	1,33
	2.5+2.5+2.5+5.0	1,92	1,92	1,92	3,84	4,04	9,60	11,29	0,63	2,16	2,50	2,88	9,89	11,45	95	4,45	A	A++	4,75	6,23	1835	1,32
	2.5+2.5+2.5+6.0	1,78	1,78	1,78	4,27	4,31	9,60	11,53	0,64	2,06	2,43	2,93	9,43	11,12	95	4,67	A	A++	4,79	6,23	1821	1,32
	2.5+2.5+3.5+3.5	2,00	2,00	2,80	2,80	3,90	9,60	11,16	0,63	2,25	2,49	2,88	10,30	11,41	95	4,28	A	A++	4,68	6,23	1863	1,33
	2.5+2.5+3.5+4.2	1,89	1,89	2,65	3,17	4,09	9,60	11,17	0,65	2,23	2,49	2,97	10,21	11,41	95	4,32	A	A++	4,69	6,23	1857	1,33
	2.5+2.5+3.5+5.0	1,78	1,78	2,49	3,56	4,31	9,60	11,29	0,67	2,15	2,49	3,05	9,84	11,41	95	4,48	A	A++	4,77	6,23	1828	1,32
	2.5+2.5+3.5+6.0	1,66	1,66	2,32	3,97	4,59	9,60	11,53	0,68	2,06	2,42	3,10	9,43	11,07	95	4,67	A	A++	4,80	6,23	1814	1,31
	2.5+2.5+4.2+4.2	1,79	1,79	3,01	3,01	4,28	9,60	11,18	0,67	2,21	2,48	3,05	10,12	11,37	95	4,35	A	A++	4,71	6,23	1850	1,32
	2.5+2.5+4.2+5.0	1,69	1,69	2,84	3,38	4,51	9,60	11,30	0,71	2,13	2,49	3,27	9,75	11,41	95	4,51	A	A++	4,79	6,23	1821	1,31
	2.5+3.5+3.5+3.5	1,85	2,58	2,58	2,58	4,17	9,60	11,17	0,67	2,25	2,49	3,05	10,30	11,41	95	4,28	A	A++	4,68	6,23	1861	1,30
	2.5+3.5+3.5+4.2	1,75	2,45	2,45	2,94	4,37	9,60	11,18	0,70	2,23	2,48	3,18	10,21	11,37	95	4,32	A	A++	4,70	6,23	1855	1,29
	2.5+3.5+3.5+5.0	1,66	2,32	2,32	3,31	4,59	9,60	11,30	0,71	2,15	2,49	3,27	9,84	11,41	95	4,48	A	A++	4,77	6,23	1826	1,28
	2.5+3.5+4.2+4.2	1,67	2,33	2,80	2,80	4,56	9,60	11,18	0,73	2,21	2,48	3,36	10,12	11,37	95	4,35	A	A++	4,72	6,23	1847	1,29
	3.5+3.5+3.5+3.5	2,40	2,40	2,40	2,40	4,45	9,60	11,18	0,71	2,19	2,48	3,27	10,03	11,37	95	4,40	A	A++	4,75	6,23	1835	1,29

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
5MXM90N2V1B	1,5	1,80	---	---	---	---	1,78	1,80	2,98	0,43	0,48	0,93	1,95	2,20	4,26	95	---	---	---	---	---	---	---
	2,0	2,00	---	---	---	---	1,86	2,00	3,09	0,44	0,56	0,99	2,00	2,57	4,53	95	---	---	---	---	---	---	---
	2,5	2,50	---	---	---	---	1,98	2,50	3,61	0,48	0,71	1,14	2,18	3,25	5,24	95	---	---	---	---	---	---	---
	3,5	3,50	---	---	---	---	2,03	3,50	4,92	0,50	1,14	1,43	2,31	5,22	6,53	95	---	---	---	---	---	---	---
	4,2	---	---	4,20	---	---	2,06	4,20	5,06	0,51	1,46	1,54	2,35	6,69	7,06	95	---	---	---	---	---	---	---
	5,0	---	---	5,00	---	---	2,20	5,00	5,94	0,48	1,52	1,74	2,18	6,96	7,95	95	---	---	---	---	---	---	---
	6,0	---	---	6,00	---	---	2,31	6,00	6,73	0,49	1,89	2,17	2,22	8,65	9,94	95	---	---	---	---	---	---	---
	7,1	---	---	7,10	---	---	2,43	7,10	7,53	0,51	2,57	2,66	2,35	11,77	12,16	95	---	---	---	---	---	---	---
	1.5+1.5	1,50	1,50	---	---	---	2,01	3,00	4,11	0,42	0,51	1,01	1,94	2,34	4,64	95	5,92	A	255	A++	7,08	3,0	149
	1.5+2.0	1,50	2,00	---	---	---	2,03	3,50	4,59	0,46	0,63	1,19	2,11	2,89	5,46	95	5,62	A	315	A++	7,22	3,5	170
	1.5+2.5	1,50	2,50	---	---	---	2,09	4,00	5,06	0,42	0,76	1,23	1,94	3,48	5,62	95	5,32	A	380	A++	7,31	4,0	192
	1.5+3.5	1,50	3,50	---	---	---	2,20	5,00	5,94	0,42	1,03	1,59	1,94	4,72	7,29	95	4,87	A	515	A++	7,45	5,0	235
	1.5+4.2	1,50	---	4,20	---	---	2,27	5,70	6,50	0,42	1,28	1,86	1,94	5,86	8,51	95	4,47	A	640	A++	7,45	5,7	268
	1.5+5.0	1,50	---	5,00	---	---	2,36	6,50	7,11	0,46	1,53	2,15	2,11	7,01	9,86	95	4,27	A	765	A++	7,51	6,5	303
	1.5+6.0	1,50	---	6,00	---	---	2,48	7,50	7,79	0,50	1,89	2,29	2,27	8,65	10,47	95	3,97	A	945	A++	7,45	7,5	352
	1.5+7.1	1,50	---	7,10	---	---	2,64	8,60	8,46	0,52	2,28	2,67	2,40	10,44	12,22	95	3,77	A	1140	A++	7,43	8,6	406
	2.0+2.0	2,00	2,00	---	---	---	2,09	4,00	5,41	0,46	0,75	1,59	2,11	3,44	7,29	95	5,34	A	375	A++	7,30	4,0	192
	2.0+2.5	2,00	2,50	---	---	---	2,14	4,50	5,84	0,46	0,91	1,59	2,11	4,17	7,29	95	4,99	A	455	A++	7,35	4,5	215
	2.0+3.5	2,00	3,50	---	---	---	2,25	5,50	6,49	0,46	1,18	1,86	2,11	5,41	8,51	95	4,67	A	590	A++	7,49	5,5	257
	2.0+4.2	2,00	---	4,20	---	---	2,33	6,20	6,89	0,46	1,43	2,09	2,11	6,55	9,57	95	4,35	A	715	A++	7,50	6,2	290
	2.0+5.0	2,00	---	5,00	---	---	2,42	7,00	7,46	0,46	1,66	2,31	2,11	7,60	10,55	95	4,22	A	830	A++	7,52	7,0	326
	2.0+6.0	1,88	---	5,63	---	---	2,55	7,50	8,12	0,50	1,85	2,50	2,27	8,47	11,45	95	4,05	A	925	A++	7,48	7,5	351
	2.0+7.1	1,76	---	6,24	---	---	2,71	8,00	8,64	0,52	2,00	2,79	2,40	9,16	12,75	95	4,01	A	1000	A++	7,49	8,0	374
	2.5+2.5	2,50	2,50	---	---	---	2,20	5,00	6,32	0,42	1,02	1,77	1,94	4,67	8,11	95	4,92	A	510	A++	7,46	5,0	235
	2.5+3.5	2,50	3,50	---	---	---	2,31	6,00	6,73	0,46	1,40	2,00	2,11	6,41	9,16	95	4,31	A	700	A++	7,48	6,0	281
	2.5+4.2	2,50	---	4,20	---	---	2,39	6,70	7,25	0,46	1,58	2,29	2,11	7,24	10,47	95	4,26	A	790	A++	7,55	6,7	311
	2.5+5.0	2,50	---	5,00	---	---	2,48	7,50	7,79	0,49	1,85	2,51	2,23	8,47	11,49	95	4,05	A	925	A++	7,46	7,5	352
	2.5+6.0	2,35	---	5,65	---	---	2,63	8,00	8,42	0,52	2,00	2,67	2,40	9,16	12,22	95	4,01	A	1000	A++	7,49	8,0	374
	2.5+7.1	2,21	---	6,29	---	---	2,79	8,50	8,64	0,55	2,17	2,79	2,53	9,94	12,75	95	3,93	A	1085	A++	7,47	8,5	398
	3.5+3.5	3,50	3,50	---	---	---	2,42	7,00	7,46	0,49	1,66	2,39	2,23	7,60	10,96	95	4,22	A	830	A++	7,53	7,0	326
	3.5+4.2	3,50	---	4,20	---	---	2,51	7,70	7,81	0,49	1,92	2,60	2,23	8,79	11,89	95	4,02	A	960	A++	7,48	7,7	360
	3.5+5.0	3,29	---	4,71	---	---	2,63	8,00	7,99	0,52	1,99	2,62	2,40	9,11	11,98	95	4,03	A	995	A++	7,46	8,0	375
	3.5+6.0	2,95	---	5,05	---	---	2,77	8,00	8,62	0,55	1,96	2,79	2,53	8,98	12,75	95	4,08	A	980	A++	7,47	8,0	375
	3.5+7.1	2,97	---	6,03	---	---	2,93	9,00	8,64	0,59	2,41	2,79	2,69	11,03	12,75	95	3,73	A	1205	A++	7,35	9,0	429
	4.2+4.2	4,00	---	4,00	---	---	2,61	8,00	7,82	0,52	2,07	2,60	2,36	9,48	11,89	95	3,87	A	1035	A++	7,42	8,0	377
	4.2+5.0	3,65	---	4,35	---	---	2,73	8,00	8,17	0,55	2,02	2,73	2,53	9,25	12,50	95	3,97	A	1010	A++	7,41	8,0	378
	4.2+6.0	3,50	---	5,00	---	---	2,88	8,50	8,63	0,55	2,21	2,79	2,53	10,12	12,75	95	3,85	A	1105	A++	7,38	8,5	404
	4.2+7.1	3,35	---	5,65	---	---	3,04	9,00	8,83	0,59	2,41	2,90	2,69	11,03	13,28	95	3,74	A	1205	A++	7,35	9,0	429
	5.0+5.0	4,25	---	4,25	---	---	2,85	8,50	8,34	0,55	2,10	2,84	2,53	9,62	12,99	95	4,05	A	1050	A++	7,49	8,5	397
	5.0+6.0	4,09	---	4,91	---	---	2,99	9,00	8,81	0,59	2,20	2,89	2,69	10,07	13,24	95	4,10	A	1100	A++	7,54	9,0	418
	5.0+7.1	3,72	---	5,28	---	---	3,16	9,00	9,06	0,62	2,17	3,02	2,82	9,94	13,81	95	4,15	A	1085	A++	7,55	9,0	417
	6.0+6.0	4,50	---	4,50	---	---	3,14	9,00	9,46	0,59	2,19	2,99	2,69	10,03	13,69	95	4,12	A	1095	A++	7,55	9,0	418
	6.0+7.1	4,12	---	4,88	---	---	3,30	9,00	9,48	0,63	2,16	2,99	2,86	9,89	13,69	95	4,17	A	1080	A++	7,56	9,0	417
	7.1+7.1	4,50	---	4,50	---	---	3,46	9,00	9,50	0,65	2,16	2,99	2,99	9,89	13,69	95	4,17	A	1080	A++	7,56	9,0	417
	1.5+1.5+1.5	1,50	1,50	1,50	---	---	2,14	4,50	5,51	0,43	0,83	1,24	1,98	3,80	5,66	95	5,42	A	415	A++	8,03	4,5	197
	1.5+1.5+2.0	1,50	1,50	2,00	---	---	2,20	5,00	5,94	0,43	0,96	1,40	1,98	4,40	6,39	95	5,24	A	480	A++	8,10	5,0	217
	1.5+1.5+2.5	1,50	1,50	2,50	---	---	2,25	5,50	6,34	0,43	1,09	1,57	1,98	4,99	7,17	95	5,06	A	545	A++	8,32	5,5	232
	1.5+1.5+3.5	1,50	1,50	3,50	---	---	2,36	6,50	7,11	0,46	1,38	1,93	2,11	6,32	8,84	95	4,71	A	690	A++	8,33	6,5	273
	1.5+1.5+4.2	1,50	1,50	4,20	---	---	2,44	7,20	7,60	0,46	1,61	2,18	2,11	7,37	9,98	95	4,49	A	805	A++	8,29	7,2	304
	1.5+1.5+5.0	1,41	1,41	4,69	---	---	2,55	7,50	8,12	0,50	1,75	2,41	2,27	8,01	11,04	95	4,30	A	875	A++	8,22	7,5	320
	1.5+1.5+6.0	1,33	1,33	5,33	---	---	2,70	8,00	8,70	0,53	1,96	2,51	2,44	8,98	11,49	95	4,08	A	980	A++	8,16	8,0	344
	1.5+1.5+7.1	1,26	1,26	5,98	---	---	2,86	8,50	9,25	0,56	2,20	2,87	2,57	10,07	13,12	95	3,86	A	1100	A++	8,09	8,5	368
	1.5+2.0+2.0	1,50	2,00	2,00	---	---	2,25	5,50	6,34	0,46	1,09	1,57	2,11	4,99	7,17	95	5,08	A	545	A++	8,30	5,5	232
	1.5+2.0+2.5	1,50	2,00	2,50	---	---	2,31	6,00	6,73	0,43	1,23	1,74	1,98	5,63	7,98	95	4,90	A	615	A++	8,30	6,0	253
	1.5+2.0+3.5	1,50	2,00	3,50	---	---	2,42	7,00	7,46	0,46	1,52	2,14	2,11	6,96	9,78	95	4,62	A	760	A++	8,32	7,0	295
	1.5+2.0+4.2	1,50	2,00	4,20	---	---	2,51	7,70	7,93	0,50	1,83	2,39	2,27	8,38	10,96	95	4,22	A	915	A++	8,23	7,7	328
	1.5+2.0+5.0	1,41	1,88	4,71	---	---	2,63	8,00	8,42	0,50	1,95	2,57	2,27	8,93	11,77	95	4,10	A	975	A++	8,14	8,0	344
	1.5+2.0+6.0	1,26	1,68	5,05	---	---	2,77	8,00	8,96	0,53	1,94	2,68	2,44	8,88	12,26	95	4,12	A	970	A++	8,14	8,0	344
	1.5+2.0+7.1	1,27	1,70	6,03	---	---	2,93	9,00	9,30	0,56	2,39	2,87	2,57	10,94	13,12	95	3,77	A	1195	A++	8,03	9,0	392
	1.5+2.5+2.5	1,50	2,50	2,50	---	---	2,36	6,50	7,11	0,46	1,39	1,93	2,11	6,37	8,84	95	4,70	A	695	A++	8,30	6,5	275
	1.5+2.5+3.5	1,50	2,50	3,50	---	---	2,48	7,50	7,79	0,50	1,72	2,29	2,27	7,88	10,47	95	4,37	A	860	A++	8,28	7,5	317
	1.5+2.5+4.2	1,46	2,44	4,10	---	---	2,58	8,00	8,24	0,50	1,99	2,56	2,27	9,11	11,73	95	4,02	A	995	A++	8,11	8,0	345
	1.5+2.5+5.0	1,33	2,22	4,44	---	---	2,70	8,00	8,70	0,52	1,95	2,75	2,40	8,93	12,59	95	4,10	A	975	A++	8,14	8,0	344
	1.5+2.5+6.0	1,28	2,13	5,10	---	---	2,85	8,50	9,21	0,53	2,20	2,87	2,44	10,07	13,12	95	3,86	A	1100	A++	8,09	8,5	368
	1.5+2.5+7.1	1,22	2,03	5,76	---	---	3,01	9,00	9,49	0,56	2,39	2,99	2,57	10,94	13,69	95	3,77	A	1195	A++	8,03	9,0	392
	1.5+3.5+3.5	1,41	3,29	3,29	---	---	2,63	8,00	8,42	0,52	2,00	2,67	2,40	9,16	12,22	95	4,00	A	1000	A++	8,11	8,0	346
	1.5+3.5+4.2	1,30	3,04	3,65	---	---	2,73	8,00	8,65	0,52	1,99	2,79	2,40	9,11	12,75	95	4,02	A	995	A++	8,10	8,0	346
	1.5+3.5+5.0	1,28	2,98	4,25	---	---	2,85	8,50	8,83	0,56	2,20	2,81	2,57	10,07	12,87	95	3,86	A	1100	A++	8,09	8,5	368
	1.5+3.5+6.0	1,23	2,86	4,91	---	---	2,99	9,00	9,29	0,56	2,39	2,87	2,57	10,94	13,12	95	3,77	A	1195	A++	8,03	9,0	392
	1.5+3.5+7.1	1,12	2,60	5,28	---	---	3,16	9,00	9,50	0,59	2,36	2,99	2,69	10,81	13,69	95	3,82	A	1180	A++	8,05	9,0	392
	1.5+4.2+4.2	1,50	---	4,20	4,20	---	2,83	9,90	8,66	0,55	2,45	2,79	2,53	11,22	12,75	95	4,04	A	1225	A++	8,26	9,9	419
	1.5+4.2+5.0	1,26	---	3,53	4,21	---	2,95	9,00	8,84	0,56	2,18	2,81	2,57	9,98	12,87	95	4,14	A	1090	A++	8,18	9,0	385
	1.5+4.2+6.0	1,15	---	3,23	4,62	---	3,10	9,00	9,49	0,59	2,15	2,99	2,69	9,84	13,69	95	4,19	A	1075	A++	8,19	9,0	385
	1.5+4.2+7.1	1,05	---	2,95	4,99	---	3,26	9,00	9,51	0,63	2,13	2,99	2,86	9,75	13,69	95	4,24	A	1065	A++	8,20	9,0	384
	1.5+5.0+5.0	1,17	---	3,91	3,91	---	3,07	9,00	9,20	0,59	2,04	2,95	2,69	9,34	13,52	95	4,42	A	1020	A++	8,21	9,0	384
	1.5+5.0+6.0	1,08	---	3,60	4,32	---	3,21	9,00	9,66	0,59	2,03	3,02	2,69	9,30	13,81	95	4,44	A	1015	A++	8,22	9,0	384
	1.5+5.0+7.1	0,99	---	3,31	4,70	---	3,38	9,00	9,68	0,63	2,01	3,02	2,86	9,20	13,81	95	4,49	A	1005	A++	8,22	9,0	383
	1.5+6.0+6.0	1,00	---	4,00	4,00	---	3,36	9,00	10,13	0,63	2,02	3,08	2,86	9,25	14,09	95	4,46	A	1010	A++	8,22	9,0	383
	1.5+6.0+7.1	1,19	---	3,58	4,23	---	3,51	9,00	10,15	0,65	2,00	3,08	2,99	9,16	14,09	95	4,51	A	1000	A++	8,23	9,0	383

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
5MXM90N2V1B	2.0+2.0+2.0	2,00	2,00	2,00	---	---	2,31	6,00	6,76	0,46	1,23	1,74	2,11	5,63	7,98	95	4,90	A	615	A++	8,30	6,0	253
	2.0+2.0+2.5	2,00	2,00	2,50	---	---	2,36	6,50	7,11	0,46	1,39	1,93	2,11	6,37	8,84	95	4,70	A	695	A++	8,30	6,5	275
	2.0+2.0+3.5	2,00	2,00	3,50	---	---	2,48	7,50	7,79	0,50	1,72	2,29	2,27	7,88	10,47	95	4,37	A	860	A++	8,28	7,5	317
	2.0+2.0+4.2	2,00	2,00	4,20	---	---	2,58	8,20	8,24	0,50	2,04	2,56	2,27	9,34	11,73	95	4,02	A	1020	A++	8,13	8,2	353
	2.0+2.0+5.0	1,78	1,78	4,44	---	---	2,70	8,00	8,70	0,52	1,95	2,75	2,40	8,93	12,59	95	4,10	A	975	A++	8,14	8,0	344
	2.0+2.0+6.0	1,70	1,70	5,10	---	---	2,85	8,50	9,21	0,53	2,20	2,87	2,44	10,07	13,12	95	3,86	A	1100	A++	8,08	8,5	368
	2.0+2.0+7.1	1,62	1,62	5,76	---	---	3,01	9,00	9,49	0,56	2,36	2,99	2,57	10,81	13,69	95	3,82	A	1180	A++	8,04	9,0	392
	2.0+2.5+2.5	2,00	2,50	2,50	---	---	2,42	7,00	7,46	0,46	1,52	2,14	2,11	6,96	9,78	95	4,62	A	760	A++	8,32	7,0	295
	2.0+2.5+3.5	1,88	2,34	3,28	---	---	2,55	7,50	8,12	0,50	1,72	2,50	2,27	7,88	11,45	95	4,38	A	860	A++	8,28	7,5	317
	2.0+2.5+4.2	1,84	2,30	3,86	---	---	2,66	8,00	8,53	0,52	1,99	2,73	2,40	9,11	12,50	95	4,03	A	995	A++	8,11	8,0	345
	2.0+2.5+5.0	1,68	2,11	4,21	---	---	2,77	8,00	8,82	0,52	1,95	2,80	2,40	8,93	12,83	95	4,11	A	975	A++	8,14	8,0	344
	2.0+2.5+6.0	1,66	2,07	4,97	---	---	2,92	8,70	9,28	0,56	2,29	2,87	2,57	10,49	13,12	95	3,80	A	1145	A++	8,05	8,7	378
	2.0+2.5+7.1	1,55	1,94	5,51	---	---	3,08	9,00	9,49	0,59	2,35	2,99	2,69	10,76	13,69	95	3,83	A	1175	A++	8,05	9,0	392
	2.0+3.5+3.5	1,78	3,11	3,11	---	---	2,70	8,00	8,64	0,52	1,98	2,79	2,40	9,07	12,75	95	4,04	A	990	A++	8,12	8,0	345
	2.0+3.5+4.2	1,75	3,07	3,68	---	---	2,80	8,50	8,65	0,55	2,17	2,79	2,53	9,94	12,75	95	3,93	A	1085	A++	8,07	8,5	369
	2.0+3.5+5.0	1,66	2,90	4,14	---	---	2,92	8,70	8,83	0,56	2,28	2,81	2,57	10,44	12,87	95	3,82	A	1140	A++	8,04	8,7	379
	2.0+3.5+6.0	1,57	2,74	4,70	---	---	3,07	9,00	9,48	0,59	2,35	2,99	2,69	10,76	13,69	95	3,83	A	1175	A++	8,05	9,0	392
	2.0+3.5+7.1	1,43	2,50	5,07	---	---	3,23	9,00	9,50	0,63	2,32	2,99	2,86	10,62	13,69	95	3,88	A	1160	A++	8,06	9,0	391
	2.0+4.2+4.2	1,67	---	3,51	3,51	---	2,91	8,70	8,66	0,55	2,24	2,79	2,53	10,26	12,75	95	3,89	A	1120	A++	8,06	8,7	378
	2.0+4.2+5.0	1,61	---	3,38	4,02	---	3,02	9,00	9,02	0,59	2,36	2,93	2,69	10,81	13,40	95	3,81	A	1180	A++	8,03	9,0	392
	2.0+4.2+6.0	1,48	---	3,10	4,43	---	3,17	9,00	9,49	0,59	2,33	2,99	2,69	10,67	13,69	95	3,86	A	1165	A++	8,05	9,0	392
	2.0+4.2+7.1	1,35	---	2,84	4,80	---	3,33	9,00	9,51	0,63	2,30	2,99	2,86	10,53	13,69	95	3,91	A	1150	A++	8,06	9,0	391
	2.0+5.0+5.0	1,50	---	3,75	3,75	---	3,14	9,00	9,20	0,59	2,22	2,95	2,69	10,17	13,52	95	4,06	A	1110	A++	8,09	9,0	390
	2.0+5.0+6.0	1,38	---	3,46	4,15	---	3,29	9,00	9,66	0,63	2,19	3,02	2,86	10,03	13,81	95	4,11	A	1095	A++	8,10	9,0	389
	2.0+5.0+7.1	1,28	---	3,19	4,53	---	3,45	9,00	9,68	0,65	2,17	3,02	2,99	9,94	13,81	95	4,16	A	1085	A++	8,11	9,0	388
	2.0+6.0+6.0	1,29	---	3,86	3,86	---	3,43	9,00	10,13	0,63	2,18	3,08	2,86	9,98	14,09	95	4,13	A	1090	A++	8,11	9,0	389
	2.0+6.0+7.1	1,19	---	3,58	4,23	---	3,59	9,00	10,61	0,65	2,16	3,56	2,99	9,89	16,29	95	4,18	A	1080	A++	8,12	9,0	388
	2.5+2.5+2.5	2,50	2,50	2,50	---	---	2,48	7,50	7,79	0,50	1,71	2,29	2,27	7,83	10,47	95	4,39	A	855	A++	8,28	7,5	317
	2.5+2.5+3.5	2,35	2,35	3,29	---	---	2,63	8,00	8,42	0,52	1,98	2,67	2,40	9,07	12,22	95	4,05	A	990	A++	8,13	8,0	345
	2.5+2.5+4.2	2,17	2,17	3,65	---	---	2,73	8,00	8,64	0,52	1,97	2,79	2,40	9,02	12,75	95	4,07	A	985	A++	8,14	8,0	344
	2.5+2.5+5.0	2,13	2,13	4,25	---	---	2,85	8,50	8,82	0,56	2,20	2,80	2,57	10,07	12,83	95	3,87	A	1100	A++	8,07	8,5	369
	2.5+2.5+6.0	2,05	2,05	4,91	---	---	2,99	9,00	9,28	0,56	2,35	2,87	2,57	10,76	13,12	95	3,83	A	1175	A++	8,05	9,0	391
	2.5+2.5+7.1	1,86	1,86	5,28	---	---	3,16	9,00	9,49	0,59	2,32	2,99	2,69	10,62	13,69	95	3,88	A	1160	A++	8,07	9,0	391
	2.5+3.5+3.5	2,11	2,95	2,95	---	---	2,77	8,00	8,64	0,55	1,96	2,79	2,53	8,98	12,75	95	4,08	A	980	A++	8,14	8,0	344
	2.5+3.5+4.2	2,08	2,92	3,50	---	---	2,88	8,50	8,65	0,55	2,19	2,79	2,53	10,03	12,75	95	3,88	A	1095	A++	8,09	8,5	368
	2.5+3.5+5.0	2,05	2,86	4,09	---	---	2,99	9,00	8,83	0,59	2,33	2,81	2,69	10,67	12,87	95	3,87	A	1165	A++	8,05	9,0	392
	2.5+3.5+6.0	1,88	2,63	4,50	---	---	3,14	9,00	9,48	0,59	2,30	2,99	2,69	10,53	13,69	95	3,92	A	1150	A++	8,06	9,0	391
	2.5+3.5+7.1	1,72	2,40	4,88	---	---	3,30	9,00	9,50	0,63	2,27	2,99	2,86	10,39	13,69	95	3,97	A	1135	A++	8,07	9,0	390
	2.5+4.2+4.2	2,06	---	3,47	3,47	---	2,98	9,00	8,61	0,59	2,41	2,79	2,69	11,03	12,75	95	3,74	A	1205	A++	8,01	9,0	394
	2.5+4.2+5.0	1,92	---	3,23	3,85	---	3,10	9,00	9,02	0,59	2,35	2,93	2,69	10,76	13,40	95	3,84	A	1175	A++	7,99	9,0	394
	2.5+4.2+6.0	1,77	---	2,98	4,25	---	3,24	9,00	9,49	0,63	2,32	2,99	2,86	10,62	13,69	95	3,89	A	1160	A++	8,01	9,0	394
	2.5+4.2+7.1	1,63	---	2,74	4,63	---	3,41	9,00	9,51	0,65	2,29	2,99	2,99	10,49	13,69	95	3,94	A	1145	A++	8,02	9,0	393
	2.5+5.0+5.0	1,80	---	3,60	3,60	---	3,21	9,00	9,20	0,62	2,21	3,00	2,82	10,12	13,73	95	4,08	A	1105	A++	8,10	9,0	389
	2.5+5.0+6.0	1,67	---	3,33	4,00	---	3,36	9,00	9,66	0,63	2,18	3,02	2,86	9,98	13,81	95	4,13	A	1090	A++	8,11	9,0	388
	2.5+5.0+7.1	1,54	---	3,08	4,38	---	3,51	9,00	9,68	0,65	2,16	3,02	2,99	9,89	13,81	95	4,18	A	1080	A++	8,12	9,0	388
	2.5+6.0+6.0	1,55	---	3,72	3,72	---	3,50	9,00	10,13	0,65	2,17	3,08	2,99	9,94	14,09	95	4,15	A	1085	A++	8,12	9,0	388
	2.5+6.0+7.1	1,44	---	3,46	4,10	---	3,66	9,00	10,61	0,65	2,15	3,56	2,99	9,84	16,29	95	4,20	A	1075	A++	8,13	9,0	388
	3.5+3.5+3.5	2,90	2,90	2,90	---	---	2,92	8,70	8,77	0,59	2,23	2,90	2,69	10,21	13,28	95	3,91	A	1115	A++	8,05	8,7	378
	3.5+3.5+4.2	2,81	2,81	3,38	---	---	3,02	9,00	8,83	0,59	2,40	2,90	2,69	10,99	13,28	95	3,76	A	1200	A++	7,98	9,0	395
	3.5+3.5+5.0	2,63	2,63	3,75	---	---	3,14	9,00	9,02	0,62	2,33	2,95	2,82	10,67	13,52	95	3,86	A	1165	A++	7,97	9,0	395
	3.5+3.5+6.0	2,42	2,42	4,15	---	---	3,29	9,00	9,49	0,63	2,30	2,99	2,86	10,53	13,69	95	3,91	A	1150	A++	7,99	9,0	395
	3.5+3.5+7.1	2,23	2,23	4,53	---	---	3,45	9,00	9,51	0,65	2,28	2,99	2,99	10,44	13,69	95	3,96	A	1140	A++	8,00	9,0	394
	3.5+4.2+4.2	2,65	---	3,18	3,18	---	3,13	9,00	8,97	0,62	2,38	2,90	2,82	10,90	13,28	95	3,78	A	1190	A++	7,99	9,0	394
	3.5+4.2+5.0	2,48	---	2,98	3,54	---	3,24	9,00	9,18	0,62	2,32	2,93	2,82	10,62	13,40	95	3,88	A	1160	A++	7,98	9,0	395
	3.5+4.2+6.0	2,30	---	2,76	3,94	---	3,39	9,00	9,50	0,65	2,29	2,99	2,99	10,49	13,69	95	3,93	A	1145	A++	7,99	9,0	394
	3.5+4.2+7.1	2,13	---	2,55	4,32	---	3,54	9,00	10,01	0,69	2,26	3,52	3,16	10,35	16,09	95	3,98	A	1130	A++	8,00	9,0	394
	3.5+5.0+5.0	2,33	---	3,33	3,33	---	3,36	9,00	9,20	0,65	2,19	2,98	2,99	10,03	13,65	95	4,12	A	1095	A++	8,11	9,0	388
	3.5+5.0+6.0	2,17	---	3,10	3,72	---	3,50	9,00	9,67	0,65	2,16	3,02	2,99	9,89	13,81	95	4,17	A	1080	A++	8,13	9,0	388
	3.5+5.0+7.1	2,02	---	2,88	4,10	---	3,66	9,00	10,14	0,69	2,14	3,48	3,16	9,80	15,93	95	4,22	A	1070	A++	8,14	9,0	387
	3.5+6.0+6.0	2,03	---	3,48	3,48	---	3,65	9,00	10,59	0,65	2,15	3,56	2,99	9,84	16,29	95	4,19	A	1075	A++	8,13	9,0	388
	4.2+4.2+4.2	3,00	---	3,00	3,00	---	3,23	9,00	9,18	0,65	2,37	2,91	2,99	10,85	13,32	95	3,80	A	1185	A++	8,00	9,0	394
	4.2+4.2+5.0	2,82	---	2,82	3,36	---	3,35	9,00	9,26	0,65	2,31	2,93	2,99	10,58	13,40	95	3,90	A	1155	A++	7,99	9,0	395
	4.2+4.2+6.0	2,63	---	2,63	3,75	---	3,48	9,00	9,51	0,65	2,28	2,99	2,99	10,44	13,69	95	3,95	A	1140	A++	8,00	9,0	394
	4.2+4.2+7.1	2,44	---	2,44	4,12	---	3,65	9,00	10,02	0,69	2,25	3,52	3,16	10,30	16,09	95	4,00	A	1125	A++	8,01	9,0	394
	4.2+5.0+5.0	2,66	---	3,17	3,17	---	3,46	9,00	9,21	0,68	2,30	2,95	3,12	10,53	13,52	95	3,92	A	1150	A++	7,99	9,0	394
	4.2+5.0+6.0	2,49	---	2,96	3,55	---	3,60	9,00	10,18	0,69	2,27	3,54	3,16	10,39	16,21	95	3,97	A	1135	A++	8,00	9,0	394
	5.0+5.0+5.0	3,00	---	3,00	3,00	---	3,57	9,00	9,98	0,69	2,29	3,62	3,16	10,49	16,58	95	3,94	A	1145	A++	8,00	9,0	394
	1.5+1.5+1.5+1.5	1,50	1,50	1,50	1,50	---	2,31	6,00	6,73	0,44	1,25	1,44	2,02	5,73	6,60	95	4,82	A	625	A++	8,33	6,0	252
	1.5+1.5+1.5+2.0	1,50	1,50	1,50	2,00	---	2,36	6,50	7,11	0,47	1,38	1,62	2,15	6,32	7,41	95	4,72	A	690	A++	8,44	6,5	270
	1.5+1.5+1.5+2.5	1,50	1,50	1,50	2,50	---	2,42	7,00	7,46	0,47	1,50	1,76	2,15	6,87	8,06	95	4,68	A	750	A+++	8,57	7,0	286
	1.5+1.5+1.5+3.5	1,41	1,41	1,41	3,28	---	2,55	7,50	8,12	0,50	1,63	2,06	2,27	7,46	9,45	95	4,62	A	815	A+++	8,58	7,5	306
	1.5+1.5+1.5+4.2	1,38	1,38	1,38	3,86	---	2,66	8,00	8,53	0,50	1,94	2,39	2,27	8,88	10,96	95	4,12	A	970	A++	8,38	8,0	335
	1.5+1.5+1.5+5.0	1,26	1,26	1,26	4,21	---	2,77	8,00	8,96	0,53	1,90	2,58	2,44	8,70	11,81	95	4,22	A	950	A++	8,37	8,0	335
	1.5+1.5+1.5+6.0	1,24	1,24	1,24	4,97	---	2,92	8,70	9,44	0,53	2,34	2,63	2,44	10,71	12,02	95	3,72	A	1170	A++	8,15	8,7	374
	1.5+1.5+1.5+7.1	1,16	1,16	1,16	5,51	---	3,08	9,00	9,86	0,56	2,39	2,88	2,57	10,94	13,20	95	3,77	A	1195	A++	8,20	9,0	385
	1.5+1.5+2.0+2.0	1,50	1,50	2,00	2,00	---	2,42	7,00	7,46	0,47	1,50	1,76	2,15	6,87	8,06	95	4,68	A	750	A+++	8,57	7,0	286
	1.5+1.5+2.0+2.5	1,50	1,50	2,00	2,50	---	2,48	7,50	7,79	0,47	1,63	1,91	2,15	7,46	8,76	95	4,61	A	815	A+++	8,57	7,5	307
	1.5+1.5+2.0+3.5	1,41	1,41	1,88	3,29	---	2,63	8,00	8,42	0,50	1,94	2,23	2,27	8,88	10,18	95	4,12	A	970	A++	8,38	8,0	335
	1.5+1.5+2.0+4.2	1,30	1,30	1,74	3,65	---	2,73	8,00	8,80	0,53	1,94	2,56	2,44	8,88	11,73	95	4,14	A	970	A++	8,38	8,0	334

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
	1.5+1.5+2.0+5.0	1,28	1,28	1,70	4,25	---	2,85	8,50	9,21	0,53	2,23	2,77	2,44	10,21	12,67	95	3,82	A	1115	A++	8,20	8,5	363
	1.5+1.5+2.0+6.0	1,23	1,23	1,64	4,91	---	2,99	9,00	9,64	0,56	2,39	2,75	2,57	10,94	12,59	95	3,77	A	1195	A++	8,20	9,0	385
	1.5+1.5+2.0+7.1	1,12	1,12	1,49	5,28	---	3,16	9,00	10,04	0,60	2,36	3,02	2,74	10,81	13,81	95	3,82	A	1180	A++	8,21	9,0	384
	1.5+1.5+2.5+2.5	1,41	1,41	2,34	2,34	---	2,55	7,50	8,12	0,50	1,63	2,06	2,27	7,46	9,45	95	4,61	A	815	A+++	8,57	7,5	307
	1.5+1.5+2.5+3.5	1,33	1,33	2,22	3,11	---	2,70	8,00	8,70	0,53	1,94	2,51	2,44	8,88	11,49	95	4,14	A	970	A++	8,39	8,0	334
	1.5+1.5+2.5+4.2	1,31	1,31	2,19	3,68	---	2,80	8,50	9,06	0,53	2,25	2,74	2,44	10,30	12,55	95	3,78	A	1125	A++	8,18	8,5	364
	1.5+1.5+2.5+5.0	1,24	1,24	2,07	4,14	---	2,92	8,70	9,44	0,56	2,33	2,89	2,57	10,67	13,24	95	3,74	A	1165	A++	8,16	8,7	373
	1.5+1.5+2.5+6.0	1,17	1,17	1,96	4,70	---	3,07	9,00	9,83	0,56	2,43	2,88	2,57	11,13	13,20	95	3,71	A	1215	A++	8,15	9,0	387
	1.5+1.5+2.5+7.1	1,07	1,07	1,79	5,07	---	3,23	9,00	10,16	0,60	2,40	3,08	2,74	10,99	14,09	95	3,76	A	1200	A++	8,17	9,0	386
	1.5+1.5+3.5+3.5	1,28	1,28	2,98	2,98	---	2,85	8,50	9,21	0,53	2,25	2,80	2,44	10,30	12,83	95	3,78	A	1125	A++	8,18	8,5	364
	1.5+1.5+3.5+4.2	1,26	1,26	2,94	3,53	---	2,95	9,00	9,32	0,56	2,47	2,87	2,57	11,31	13,12	95	3,65	A	1235	A++	8,13	9,0	388
	1.5+1.5+3.5+5.0	1,17	1,17	2,74	3,91	---	3,07	9,00	9,68	0,59	2,40	3,02	2,69	10,99	13,81	95	3,75	A	1200	A++	8,13	9,0	388
	1.5+1.5+3.5+6.0	1,08	1,08	2,52	4,32	---	3,21	9,00	10,15	0,59	2,37	3,08	2,69	10,85	14,09	95	3,80	A	1185	A++	8,15	9,0	387
	1.5+1.5+3.5+7.1	0,99	0,99	2,32	4,70	---	3,38	9,00	10,17	0,63	2,34	3,08	2,86	10,71	14,09	95	3,85	A	1170	A++	8,16	9,0	386
	1.5+1.5+4.2+4.2	1,18	1,18	3,32	3,32	---	3,05	9,00	9,52	0,59	2,45	2,99	2,69	11,22	13,69	95	3,67	A	1225	A++	8,14	9,0	387
	1.5+1.5+4.2+5.0	1,11	1,11	3,10	3,69	---	3,17	9,00	9,69	0,59	2,39	3,02	2,69	10,94	13,81	95	3,77	A	1195	A++	8,14	9,0	387
	1.5+1.5+4.2+6.0	1,02	1,02	2,86	4,09	---	3,32	9,00	10,16	0,60	2,36	3,08	2,74	10,81	14,09	95	3,82	A	1180	A++	8,15	9,0	387
	1.5+1.5+4.2+7.1	0,94	0,94	2,64	4,47	---	3,47	9,00	10,18	0,63	2,33	3,08	2,86	10,67	14,09	95	3,87	A	1165	A++	8,17	9,0	386
	1.5+1.5+5.0+5.0	1,04	1,04	3,46	3,46	---	3,29	9,00	9,87	0,63	2,24	3,04	2,86	10,26	13,93	95	4,02	A	1120	A++	8,19	9,0	385
	1.5+1.5+5.0+6.0	0,96	0,96	3,21	3,86	---	3,43	9,00	10,34	0,63	2,21	3,11	2,86	10,12	14,22	95	4,07	A	1105	A++	8,20	9,0	384
	1.5+1.5+5.0+7.1	0,89	0,89	2,98	4,23	---	3,59	9,00	10,67	0,65	2,19	3,45	2,99	10,03	15,80	95	4,12	A	1095	A++	8,21	9,0	384
	1.5+1.5+6.0+6.0	0,90	0,90	3,60	3,60	---	3,57	9,00	10,66	0,63	2,20	3,10	2,86	10,07	14,17	95	4,09	A	1100	A++	8,21	9,0	384
	1.5+2.0+2.0+2.0	1,50	2,00	2,00	2,00	---	2,48	7,50	7,79	0,47	1,63	1,91	2,15	7,46	8,76	95	4,61	A	815	A+++	8,57	7,5	307
	1.5+2.0+2.0+2.5	1,41	1,88	1,88	2,34	---	2,55	7,50	8,12	0,50	1,62	2,06	2,27	7,42	9,45	95	4,63	A	810	A++	8,44	7,5	311
	1.5+2.0+2.0+3.5	1,33	1,78	1,78	3,11	---	2,70	8,00	8,70	0,53	1,94	2,34	2,44	8,88	10,71	95	4,14	A	970	A++	8,39	8,0	334
	1.5+2.0+2.0+4.2	1,31	1,75	1,75	3,68	---	2,80	8,50	9,06	0,53	2,25	2,74	2,44	10,30	12,55	95	3,78	A	1125	A++	8,18	8,5	364
	1.5+2.0+2.0+5.0	1,24	1,66	1,66	4,14	---	2,92	8,70	9,44	0,56	2,34	2,89	2,57	10,71	13,24	95	3,72	A	1170	A++	8,15	8,7	374
	1.5+2.0+2.0+6.0	1,17	1,57	1,57	4,70	---	3,07	9,00	9,83	0,56	2,43	2,88	2,57	11,13	13,20	95	3,71	A	1215	A++	8,15	9,0	387
	1.5+2.0+2.0+7.1	1,07	1,43	1,43	5,07	---	3,23	9,00	10,16	0,60	2,40	3,08	2,74	10,99	14,09	95	3,76	A	1200	A++	8,17	9,0	386
	1.5+2.0+2.5+2.5	1,41	1,88	2,35	2,35	---	2,63	8,00	8,42	0,50	1,95	2,23	2,27	8,93	10,18	95	4,10	A	975	A++	8,35	8,0	336
	1.5+2.0+2.5+3.5	1,26	1,68	2,11	2,95	---	2,77	8,00	8,96	0,53	1,94	2,69	2,44	8,88	12,30	95	4,14	A	970	A++	8,37	8,0	335
	1.5+2.0+2.5+4.2	1,25	1,67	2,08	3,50	---	2,88	8,50	9,30	0,56	2,24	2,87	2,57	10,26	13,12	95	3,80	A	1120	A++	8,17	8,5	364
	1.5+2.0+2.5+5.0	1,23	1,64	2,05	4,09	---	2,99	9,00	9,49	0,56	2,44	2,89	2,57	11,17	13,24	95	3,69	A	1220	A++	8,14	9,0	387
	1.5+2.0+2.5+6.0	1,13	1,50	1,88	4,50	---	3,14	9,00	10,01	0,59	2,41	3,01	2,69	11,03	13,77	95	3,74	A	1205	A++	8,16	9,0	386
	1.5+2.0+2.5+7.1	1,03	1,37	1,72	4,88	---	3,30	9,00	10,16	0,60	2,38	3,08	2,74	10,90	14,09	95	3,79	A	1190	A++	8,17	9,0	386
	1.5+2.0+3.5+3.5	1,24	1,66	2,90	2,90	---	2,92	8,70	9,31	0,56	2,34	2,87	2,57	10,71	13,12	95	3,72	A	1170	A++	8,15	8,7	374
	1.5+2.0+3.5+4.2	1,21	1,61	2,81	3,38	---	3,02	9,00	9,51	0,56	2,45	2,99	2,57	11,22	13,69	95	3,67	A	1225	A++	8,14	9,0	387
	1.5+2.0+3.5+5.0	1,13	1,50	2,63	3,75	---	3,14	9,00	9,68	0,59	2,39	3,02	2,69	10,94	13,81	95	3,77	A	1195	A++	8,14	9,0	387
	1.5+2.0+3.5+6.0	1,04	1,38	2,42	4,15	---	3,29	9,00	10,15	0,59	2,36	3,08	2,69	10,81	14,09	95	3,82	A	1180	A++	8,15	9,0	387
5MXM90N2V1B	1.5+2.0+3.5+7.1	0,96	1,28	2,23	4,53	---	3,45	9,00	10,17	0,63	2,33	3,08	2,86	10,67	14,09	95	3,87	A	1165	A++	8,17	9,0	386
	1.5+2.0+4.2+4.2	1,13	1,51	3,18	3,18	---	3,13	9,00	9,52	0,59	2,44	2,99	2,69	11,17	13,69	95	3,69	A	1220	A++	8,15	9,0	387
	1.5+2.0+4.2+5.0	1,06	1,42	2,98	3,54	---	3,24	9,00	9,69	0,63	2,38	3,02	2,86	10,90	13,81	95	3,79	A	1190	A++	8,14	9,0	387
	1.5+2.0+4.2+6.0	0,99	1,31	2,76	3,94	---	3,39	9,00	10,16	0,63	2,35	3,08	2,86	10,76	14,09	95	3,84	A	1175	A++	8,16	9,0	386
	1.5+2.0+4.2+7.1	0,91	1,22	2,55	4,32	---	3,54	9,00	10,63	0,65	2,32	3,57	2,99	10,62	16,33	95	3,89	A	1160	A++	8,18	9,0	386
	1.5+2.0+5.0+5.0	1,00	1,33	3,33	3,33	---	3,36	9,00	9,87	0,63	2,26	3,04	2,86	10,35	13,93	95	3,99	A	1130	A++	8,19	9,0	385
	1.5+2.0+5.0+6.0	0,93	1,24	3,10	3,72	---	3,50	9,00	10,34	0,63	2,23	3,11	2,86	10,21	14,22	95	4,04	A	1115	A++	8,20	9,0	384
	1.5+2.0+5.0+7.1	0,87	1,15	2,88	4,10	---	3,66	9,00	10,71	0,65	2,20	3,45	2,99	10,07	15,80	95	4,09	A	1100	A++	8,22	9,0	384
	1.5+2.0+6.0+6.0	0,87	1,16	3,48	3,48	---	3,65	9,00	10,70	0,65	2,22	3,10	2,99	10,17	14,17	95	4,06	A	1110	A++	8,21	9,0	384
	1.5+2.5+2.5+2.5	1,33	2,22	2,22	2,22	---	2,70	8,00	8,70	0,53	1,94	2,39	2,44	8,88	10,96	95	4,14	A	970	A++	8,37	8,0	335
	1.5+2.5+2.5+3.5	1,28	2,13	2,13	2,98	---	2,85	8,50	9,21	0,53	2,24	2,87	2,44	10,26	13,12	95	3,80	A	1120	A++	8,17	8,5	364
	1.5+2.5+2.5+4.2	1,26	2,10	2,10	3,53	---	2,95	9,00	9,31	0,56	2,44	2,87	2,57	11,17	13,12	95	3,69	A	1220	A++	8,15	9,0	387
	1.5+2.5+2.5+5.0	1,17	1,96	1,96	3,91	---	3,07	9,00	9,68	0,59	2,38	3,02	2,69	10,90	13,81	95	3,79	A	1190	A++	8,14	9,0	387
	1.5+2.5+2.5+6.0	1,08	1,80	1,80	4,32	---	3,21	9,00	10,14	0,59	2,35	3,08	2,69	10,76	14,09	95	3,84	A	1175	A++	8,16	9,0	386
	1.5+2.5+2.5+7.1	0,99	1,65	1,65	4,70	---	3,38	9,00	10,16	0,63	2,32	3,08	2,86	10,62	14,09	95	3,89	A	1160	A++	8,18	9,0	386
	1.5+2.5+3.5+3.5	1,23	2,05	2,86	2,86	---	2,99	9,00	9,31	0,56	2,36	2,87	2,57	10,81	13,12	95	3,82	A	1180	A++	8,22	9,0	384
	1.5+2.5+3.5+4.2	1,15	1,92	2,69	3,23	---	3,10	9,00	9,51	0,59	2,35	2,99	2,69	10,76	13,69	95	3,84	A	1175	A++	8,22	9,0	383
	1.5+2.5+3.5+5.0	1,08	1,80	2,52	3,60	---	3,21	9,00	9,68	0,59	2,29	3,02	2,69	10,49	13,81	95	3,94	A	1145	A++	8,22	9,0	384
	1.5+2.5+3.5+6.0	1,00	1,67	2,33	4,00	---	3,36	9,00	10,15	0,63	2,26	3,08	2,86	10,35	14,09	95	3,99	A	1130	A++	8,23	9,0	383
	1.5+2.5+3.5+7.1	0,92	1,54	2,16	4,38	---	3,51	9,00	10,17	0,65	2,23	3,08	2,99	10,21	14,09	95	4,04	A	1115	A++	8,25	9,0	382
	1.5+2.5+4.2+4.2	1,09	1,81	3,05	3,05	---	3,20	9,00	9,52	0,59	2,33	2,99	2,69	10,67	13,69	95	3,86	A	1165	A++	8,23	9,0	383
	1.5+2.5+4.2+5.0	1,02	1,70	2,86	3,41	---	3,32	9,00	9,69	0,63	2,28	3,02	2,86	10,44	13,81	95	3,96	A	1140	A++	8,22	9,0	383
	1.5+2.5+4.2+6.0	0,95	1,58	2,66	3,80	---	3,46	9,00	10,16	0,63	2,25	3,08	2,86	10,30	14,09	95	4,01	A	1125	A++	8,24	9,0	383
	1.5+2.5+4.2+7.1	0,88	1,47	2,47	4,18	---	3,62	9,00	10,68	0,65	2,22	3,64	2,99	10,17	16,66	95	4,06	A	1110	A++	8,25	9,0	382
	1.5+2.5+5.0+5.0	0,96	1,61	3,21	3,21	---	3,20	9,00	9,52	0,59	2,26	2,99	2,69	10,35	13,69	95	3,98	A	1130	A++	8,23	9,0	383
	1.5+2.5+5.0+6.0	0,90	1,50	3,00	3,60	---	3,32	9,00	9,69	0,63	2,24	3,02	2,86	10,26	13,81	95	4,03	A	1120	A++	8,24	9,0	382
	1.5+3.5+3.5+3.5	1,13	2,63	2,63	2,63	---	3,14	9,00	9,51	0,59	2,35	2,99	2,69	10,76	13,69	95	3,84	A	1175	A++	8,21	9,0	384
	1.5+3.5+3.5+4.2	1,06	2,48	2,48	2,98	---	3,24	9,00	9,52	0,63	2,33	2,99	2,86	10,67	13,69	95	3,86	A	1165	A++	8,22	9,0	384
	1.5+3.5+3.5+5.0	1,00	2,33	2,33	3,33	---	3,36	9,00	9,69	0,63	2,28	3,02	2,86	10,44	13,81	95	3,96	A	1140	A++	8,21	9,0	384
	1.5+3.5+3.5+6.0	0,93	2,17	2,17	3,72	---	3,50	9,00	10,16	0,63	2,25	3,08	2,86	10,30	14,09	95	4,01	A	1125	A++	8,23	9,0	383
	1.5+3.5+3.5+7.1	0,87	2,02	2,02	4,10	---	3,66	9,00	10,71	0,65	2,22	3,71	2,99	10,17	16,99	95	4,06	A	1110	A++	8,24	9,0	383
	1.5+3.5+4.2+4.2	1,01	2,35	2,82	2,82	---	3,35	9,00	9,52	0,63	2,32	3,00	2,86	10,62	13,73	95	3,88	A	1160	A++	8,22	9,0	383
	1.5+3.5+4.2+5.0	0,95	2,22	2,66	3,17	---	3,46	9,00	9,70	0,65	2,26	3,02	2,99	10,35	13,81	95	3,98	A	1130	A++	8,22	9,0	384
	1.5+3.5+4.2+6.0	0,89	2,07	2,49	3,55	---	3,60	9,00	10,68	0,65	2,24	3,71	2,99	10,26	16,99	95	4,03	A	1120	A++	8,23	9,0	383
	1.5+3.5+5.0+5.0	0,90	2,10	3,00	3,00	---	3,57	9,00	10,47	0,65	2,25	3,73	2,99	10,30	17,07	95	4,00	A	1125	A++	8,22	9,0	383
	1.5+4.2+4.2+4.2	0,96	---	2,68	2,68	2,68	3,45	9,00	9,53	0,65	2,31	3,00	2,99	10,58	13,73	95	3,90	A	1155	A++	8,23	9,0	383
	1.5+4.2+4.2+5.0	0,91	---	2,54	2,54	3,02	3,56	9,00	10,29	0,65	2,25	3,69	2,99	10,30	16,90	95	4,00	A	1125	A++	8,22	9,0	383
	2.0+2.0+2.0+2.0	1,88	1,88	1,88	1,88	---	2,55	7,50	8,12	0,50	1,63	2,06	2,27	7,46	9,45	95	4,62	A	815	A+++	8,58	7,5	306
	2.0+2.0+2.0+2.5	1,88	1,88	1,88	2,35	---	2,63	8,00	8,42	0,50	1,90	2,23	2,27	8,70	10,18	95	4,22	A	950	A++	8,38	8,0	334
	2.0+2.0+2.0+3.5	1,68	1,68	1,68	2,95	---	2,77	8,00	8,96	0,53	1,89	2,51	2,44	8,65	11,49	95	4,24	A	945	A++	8,38	8,0	335

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
5MXM90N2V1B	2.0+2.0+2.0+4.2	1,67	1,67	1,67	3,50	---	2,88	8,50	9,30	0,56	2,33	2,87	2,57	10,67	13,12	95	3,65	A	1165	A++	8,02	8,5	371
	2.0+2.0+2.0+5.0	1,64	1,64	1,64	4,09	---	2,99	9,00	9,49	0,56	2,54	2,89	2,57	11,63	13,24	95	3,55	A	1270	A++	7,93	9,0	398
	2.0+2.0+2.0+6.0	1,50	1,50	1,50	4,50	---	3,14	9,00	10,01	0,60	2,50	3,01	2,74	11,45	13,77	95	3,60	A	1250	A++	7,96	9,0	396
	2.0+2.0+2.0+7.1	1,37	1,37	1,37	4,88	---	3,30	9,00	10,16	0,60	2,48	3,08	2,74	11,36	14,09	95	3,63	A	1240	A++	7,96	9,0	396
	2.0+2.0+2.5+2.5	1,73	1,73	2,17	2,17	---	2,70	7,80	8,70	0,53	1,81	2,39	2,44	8,29	10,96	95	4,32	A	905	A++	8,48	7,8	322
	2.0+2.0+2.5+3.5	1,70	1,70	2,13	2,98	---	2,85	8,50	9,21	0,53	2,33	2,87	2,44	10,67	13,12	95	3,65	A	1165	A++	8,02	8,5	371
	2.0+2.0+2.5+4.2	1,68	1,68	2,10	3,53	---	2,95	9,00	9,31	0,56	2,61	2,87	2,57	11,95	13,12	95	3,45	A	1305	A++	7,93	9,0	398
	2.0+2.0+2.5+5.0	1,57	1,57	1,96	3,91	---	3,07	9,00	9,68	0,59	2,54	3,02	2,69	11,63	13,81	95	3,55	A	1270	A++	7,93	9,0	397
	2.0+2.0+2.5+6.0	1,44	1,44	1,80	4,32	---	3,21	9,00	10,14	0,60	2,50	3,08	2,74	11,45	14,09	95	3,60	A	1250	A++	7,95	9,0	397
	2.0+2.0+2.5+7.1	1,32	1,32	1,65	4,70	---	3,38	9,00	10,16	0,63	2,47	3,08	2,86	11,31	14,09	95	3,65	A	1235	A++	7,97	9,0	396
	2.0+2.0+3.5+3.5	1,64	1,64	2,86	2,86	---	2,99	9,00	9,31	0,56	2,46	2,87	2,57	11,26	13,12	95	3,67	A	1230	A++	8,07	9,0	391
	2.0+2.0+3.5+4.2	1,54	1,54	2,69	3,23	---	3,10	9,00	9,51	0,59	2,44	2,99	2,69	11,17	13,69	95	3,69	A	1220	A++	8,07	9,0	391
	2.0+2.0+3.5+5.0	1,44	1,44	2,52	3,60	---	3,21	9,00	9,68	0,59	2,38	3,02	2,69	10,90	13,81	95	3,79	A	1190	A++	8,07	9,0	391
	2.0+2.0+3.5+6.0	1,33	1,33	2,33	4,00	---	3,36	9,00	10,15	0,63	2,35	3,08	2,86	10,76	14,09	95	3,84	A	1175	A++	8,08	9,0	390
	2.0+2.0+3.5+7.1	1,23	1,23	2,16	4,38	---	3,51	9,00	10,17	0,65	2,32	3,08	2,99	10,62	14,09	95	3,89	A	1160	A++	8,10	9,0	389
	2.0+2.0+4.2+4.2	1,45	1,45	3,05	3,05	---	3,20	9,00	9,52	0,59	2,43	2,99	2,69	11,13	13,69	95	3,71	A	1215	A++	8,08	9,0	390
	2.0+2.0+4.2+5.0	1,36	1,36	2,86	3,41	---	3,32	9,00	9,69	0,63	2,37	3,02	2,86	10,85	13,81	95	3,81	A	1185	A++	8,07	9,0	390
	2.0+2.0+4.2+6.0	1,27	1,27	2,66	3,80	---	3,46	9,00	10,16	0,63	2,33	3,08	2,86	10,67	14,09	95	3,86	A	1165	A++	8,09	9,0	390
	2.0+2.0+4.2+7.1	1,18	1,18	2,47	4,18	---	3,62	9,00	10,68	0,65	2,31	3,57	2,99	10,58	16,33	95	3,91	A	1155	A++	8,11	9,0	389
	2.0+2.0+5.0+5.0	1,29	1,29	3,21	3,21	---	3,43	9,00	9,87	0,63	2,35	3,04	2,86	10,76	13,93	95	3,83	A	1175	A++	8,08	9,0	390
	2.0+2.0+5.0+6.0	1,20	1,20	3,00	3,60	---	3,57	9,00	10,66	0,65	2,32	3,45	2,99	10,62	15,80	95	3,88	A	1160	A++	8,10	9,0	389
	2.0+2.5+2.5+2.5	1,68	2,11	2,11	2,11	---	2,77	8,00	8,96	0,53	1,89	2,51	2,44	8,65	11,49	95	4,24	A	945	A++	8,40	8,0	334
	2.0+2.5+2.5+3.5	1,66	2,07	2,07	2,90	---	2,92	8,70	9,30	0,56	2,39	2,87	2,57	10,94	13,12	95	3,65	A	1195	A++	8,03	8,7	379
	2.0+2.5+2.5+4.2	1,61	2,01	2,01	3,38	---	3,02	9,00	9,50	0,56	2,61	2,99	2,57	11,95	13,69	95	3,45	A	1305	A++	7,93	9,0	398
	2.0+2.5+2.5+5.0	1,50	1,88	1,88	3,75	---	3,14	9,00	9,68	0,59	2,54	3,02	2,69	11,63	13,81	95	3,55	A	1270	A++	7,93	9,0	397
	2.0+2.5+2.5+6.0	1,38	1,73	1,73	4,15	---	3,29	9,00	10,14	0,60	2,50	3,08	2,74	11,45	14,09	95	3,60	A	1250	A++	7,95	9,0	397
	2.0+2.5+2.5+7.1	1,28	1,60	1,60	4,53	---	3,45	9,00	10,16	0,63	2,47	3,08	2,86	11,31	14,09	95	3,65	A	1235	A++	7,97	9,0	396
	2.0+2.5+3.5+3.5	1,57	1,96	2,74	2,74	---	3,07	9,00	9,50	0,59	2,46	2,99	2,69	11,26	13,69	95	3,67	A	1230	A++	8,07	9,0	391
	2.0+2.5+3.5+4.2	1,48	1,84	2,58	3,10	---	3,17	9,00	9,51	0,59	2,44	2,99	2,69	11,17	13,69	95	3,69	A	1220	A++	8,07	9,0	391
	2.0+2.5+3.5+5.0	1,38	1,73	2,42	3,46	---	3,29	9,00	9,68	0,63	2,38	3,02	2,86	10,90	13,81	95	3,79	A	1190	A++	8,07	9,0	391
	2.0+2.5+3.5+6.0	1,29	1,61	2,25	3,86	---	3,43	9,00	10,15	0,63	2,35	3,08	2,86	10,76	14,09	95	3,84	A	1175	A++	8,08	9,0	390
	2.0+2.5+3.5+7.1	1,19	1,49	2,09	4,23	---	3,59	9,00	10,63	0,65	2,32	3,57	2,99	10,62	16,33	95	3,89	A	1160	A++	8,10	9,0	389
	2.0+2.5+4.2+4.2	1,40	1,74	2,93	2,93	---	3,27	9,00	9,52	0,63	2,43	2,99	2,86	11,13	13,69	95	3,71	A	1215	A++	8,08	9,0	390
	2.0+2.5+4.2+5.0	1,31	1,64	2,76	3,28	---	3,39	9,00	9,69	0,63	2,37	3,02	2,86	10,85	13,81	95	3,81	A	1185	A++	8,07	9,0	390
	2.0+2.5+4.2+6.0	1,22	1,53	2,57	3,67	---	3,53	9,00	10,62	0,65	2,33	3,56	2,99	10,67	16,29	95	3,86	A	1165	A++	8,09	9,0	390
	2.0+2.5+5.0+5.0	1,24	1,55	3,10	3,10	---	3,50	9,00	9,87	0,65	2,35	3,04	2,99	10,76	13,93	95	3,83	A	1175	A++	8,08	9,0	390
	2.0+2.5+5.0+6.0	1,16	1,45	2,90	3,48	---	3,65	9,00	10,70	0,65	2,32	3,52	2,99	10,62	16,13	95	3,88	A	1160	A++	8,10	9,0	389
	2.0+3.5+3.5+3.5	1,44	2,52	2,52	2,52	---	3,21	9,00	9,51	0,63	2,43	2,99	2,86	11,13	13,69	95	3,71	A	1215	A++	8,08	9,0	390
	2.0+3.5+3.5+4.2	1,36	2,39	2,39	2,86	---	3,32	9,00	9,52	0,63	2,42	2,99	2,86	11,08	13,69	95	3,73	A	1210	A++	8,08	9,0	390
	2.0+3.5+3.5+5.0	1,29	2,25	2,25	3,21	---	3,43	9,00	9,69	0,65	2,35	3,02	2,99	10,76	13,81	95	3,83	A	1175	A++	8,08	9,0	390
	2.0+3.5+3.5+6.0	1,20	2,10	2,10	3,60	---	3,57	9,00	10,61	0,65	2,32	3,57	2,99	10,62	16,33	95	3,88	A	1160	A++	8,10	9,0	389
	2.0+3.5+4.2+4.2	1,29	2,27	2,72	2,72	---	3,42	9,00	9,52	0,65	2,40	3,00	2,99	10,99	13,73	95	3,75	A	1200	A++	8,09	9,0	390
	2.0+3.5+4.2+5.0	1,22	2,14	2,57	3,06	---	3,53	9,00	10,20	0,65	2,34	3,55	2,99	10,71	16,25	95	3,85	A	1170	A++	8,09	9,0	390
	2.0+3.5+5.0+5.0	1,16	2,03	2,90	2,90	---	3,65	9,00	10,47	0,69	2,34	3,73	3,16	10,71	17,07	95	3,85	A	1170	A++	8,09	9,0	390
	2.0+4.2+4.2+4.2	1,23	---	2,59	2,59	2,59	3,51	9,00	9,53	0,65	2,39	3,00	2,99	10,94	13,73	95	3,77	A	1195	A++	8,10	9,0	389
	2.0+4.2+4.2+5.0	1,17	---	2,45	2,45	2,92	3,63	9,00	10,21	0,69	2,33	3,55	3,16	10,67	16,25	95	3,87	A	1165	A++	8,09	9,0	389
	2.5+2.5+2.5+2.5	2,13	2,13	2,13	2,13	---	2,85	8,50	9,21	0,53	2,28	2,87	2,44	10,44	13,12	95	3,73	A	1140	A++	8,07	8,5	369
	2.5+2.5+2.5+3.5	2,05	2,05	2,05	2,86	---	2,99	9,00	9,30	0,56	2,48	2,87	2,57	11,36	13,12	95	3,63	A	1240	A++	8,04	9,0	392
	2.5+2.5+2.5+4.2	1,92	1,92	1,92	3,23	---	3,10	9,00	9,50	0,59	2,47	2,99	2,69	11,31	13,69	95	3,65	A	1235	A++	8,05	9,0	392
	2.5+2.5+2.5+5.0	1,80	1,80	1,80	3,60	---	3,21	9,00	9,68	0,59	2,40	3,02	2,69	10,99	13,81	95	3,75	A	1200	A++	8,04	9,0	392
	2.5+2.5+2.5+6.0	1,67	1,67	1,67	4,00	---	3,36	9,00	10,14	0,63	2,37	3,08	2,86	10,85	14,09	95	3,80	A	1185	A++	8,06	9,0	391
	2.5+2.5+2.5+7.1	1,54	1,54	1,54	4,38	---	3,51	9,00	10,16	0,65	2,34	3,08	2,99	10,71	14,09	95	3,85	A	1170	A++	8,08	9,0	390
	2.5+2.5+3.5+3.5	1,88	1,88	2,63	2,63	---	3,14	9,00	9,50	0,59	2,47	2,99	2,69	11,31	13,69	95	3,65	A	1235	A++	8,05	9,0	392
	2.5+2.5+3.5+4.2	1,77	1,77	2,48	2,98	---	3,24	9,00	9,51	0,63	2,46	2,99	2,86	11,26	13,69	95	3,67	A	1230	A++	8,05	9,0	391
	2.5+2.5+3.5+5.0	1,67	1,67	2,33	3,33	---	3,36	9,00	9,68	0,63	2,39	3,02	2,86	10,94	13,81	95	3,77	A	1195	A++	8,05	9,0	391
	2.5+2.5+3.5+6.0	1,55	1,55	2,17	3,72	---	3,50	9,00	10,15	0,65	2,36	3,08	2,99	10,81	14,09	95	3,82	A	1180	A++	8,07	9,0	391
	2.5+2.5+3.5+7.1	1,44	1,44	2,02	4,10	---	3,66	9,00	10,63	0,65	2,33	3,57	2,99	10,67	16,33	95	3,87	A	1165	A++	8,09	9,0	390
	2.5+2.5+4.2+4.2	1,68	1,68	2,82	2,82	---	3,35	9,00	9,52	0,63	2,44	2,99	2,86	11,17	13,69	95	3,69	A	1220	A++	8,06	9,0	391
	2.5+2.5+4.2+5.0	1,58	1,58	2,66	3,17	---	3,46	9,00	9,69	0,65	2,38	3,02	2,99	10,90	13,81	95	3,79	A	1190	A++	8,06	9,0	391
	2.5+2.5+4.2+6.0	1,48	1,48	2,49	3,55	---	3,60	9,00	10,68	0,65	2,35	3,56	2,99	10,76	16,29	95	3,84	A	1175	A++	8,08	9,0	390
	2.5+2.5+5.0+5.0	1,50	1,50	3,00	3,00	---	3,57	9,00	10,46	0,65	2,37	3,72	2,99	10,85	17,03	95	3,81	A	1185	A++	8,07	9,0	391
	2.5+3.5+3.5+3.5	1,73	2,42	2,42	2,42	---	3,29	9,00	9,53	0,63	2,46	2,99	2,86	11,26	13,69	95	3,67	A	1230	A++	8,07	9,0	390
	2.5+3.5+3.5+4.2	1,64	2,30	2,30	2,76	---	3,39	9,00	9,52	0,65	2,44	2,99	2,99	11,17	13,69	95	3,69	A	1220	A++	8,08	9,0	390
	2.5+3.5+3.5+5.0	1,55	2,17	2,17	3,10	---	3,50	9,00	9,69	0,65	2,38	3,02	2,99	10,90	13,81	95	3,79	A	1190	A++	8,07	9,0	390
	2.5+3.5+3.5+6.0	1,45	2,03	2,03	3,48	---	3,65	9,00	10,61	0,65	2,35	3,57	2,99	10,76	16,33	95	3,84	A	1175	A++	8,09	9,0	390
	2.5+3.5+4.2+4.2	1,56	2,19	2,63	2,63	---	3,48	9,00	9,52	0,65	2,43	3,00	2,99	11,13	13,73	95	3,71	A	1215	A++	8,08	9,0	390
	2.5+3.5+4.2+5.0	1,48	2,07	2,49	2,96	---	3,60	9,00	10,20	0,69	2,37	3,55	3,16	10,85	16,25	95	3,81	A	1185	A++	8,08	9,0	390
	2.5+4.2+4.2+4.2	1,56	2,19	2,63	2,63	---	3,59	9,00	10,03	0,69	2,42	3,52	3,16	11,08	16,09	95	3,73	A	1210	A++	8,09	9,0	390
	3.5+3.5+3.5+3.5	2,25	2,25	2,25	2,25	---	3,43	9,00	9,51	0,65	2,44	2,99	2,99	11,17	13,69	95	3,69	A	1220	A++	8,08	9,0	390
	3.5+3.5+3.5+4.2	2,14	2,14	2,14	2,57	---	3,53	9,00	10,02	0,69	2,43	3,52	3,16	11,13	16,09	95	3,71	A	1215	A++	8,08	9,0	390
	3.5+3.5+3.5+5.0	2,03	2,03	2,03	2,90	---	3,65	9,00	10,15	0,69	2,37	3,48	3,16	10,85	15,93	95	3,81	A	1185	A++	8,08	9,0	390
	3.5+3.5+4.2+4.2	2,05	2,05	2,45	2,45	---	3,63	9,00	10,03	0,69	2,42	3,52	3,16	11,08	16,09	95	3,73	A	1210	A++	8,09	9,0	390
	1.5+1.5+1.5+1.5+1.5	1,50	1,50	1,50	1,50	1,50	2,48	7,50	7,79	0,48	1,55	1,79	2,19	7,10	8,19	95	4,85	A	775	A++	7,90	7,5	333
	1.5+1.5+1.5+1.5+2.0	1,41	1,41	1,41	1,41	1,88	2,55	7,50	8,12	0,48	1,55	1,94	2,19	7,10	8,88	95	4,87	A	775	A++	7,89	7,5	333
	1.5+1.5+1.5+1.5+2.5	1,41	1,41	1,41	1,41	2,35	2,63	8,00	8,42	0,51	1,75	2,10	2,32	8,01	9,61	95	4,59	A	875	A++	7,80	8,0	359
	1.5+1.5+1.5+1.5+3.5	1,26	1,26	1,26	1,26	2,95	2,77	8,00	8,96	0,53	1,73	2,39	2,44	7,92	10,92	95	4,63	A	865	A++	7,81	8,0	359
	1.5+1.5+1.5+1.5+4.2	1,32	1,32	1,32	1,32	3,71	2,88	9,00	9,30	0,53	2,20	2,56	2,44	10,07	11,73	95	4,10	A	1100	A++	7,66	9,0	411
	1.5+1.5+1.5+1.5+5.0	1,23	1,23	1,23	1,23	4,09	2,99	9,00	9,64	0,56	2,15	2,64	2,57	9,84	12,10	95	4,20	A	1075	A++	7,69	9,0	410
	1.5+1.5+1.5+1.5+6.0	1,13	1,13	1,13	1,13	4,50	3,14	9,00	10,01	0,57	2,12	2,69	2,61	9,71	12,30	95	4,25	A	1060	A++	7,71	9,0	409

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
5MXM90N2V1B	1.5+1.5+1.5+1.5+7.1	1,03	1,03	1,03	1,03	4,88	3,30	9,00	10,32	0,60	2,10	2,82	2,74	9,62	12,91	95	4,30	A	1050	A++	7,73	9,0	408
	1.5+1.5+1.5+2.0+2.0	1,41	1,41	1,41	1,88	1,88	2,63	8,00	8,42	0,51	1,75	2,10	2,32	8,01	9,61	95	4,59	A	875	A++	7,80	8,0	359
	1.5+1.5+1.5+2.0+2.5	1,33	1,33	1,33	1,78	2,22	2,70	8,00	8,70	0,51	1,75	2,22	2,32	8,01	10,14	95	4,59	A	875	A++	7,80	8,0	359
	1.5+1.5+1.5+2.0+3.5	1,28	1,28	1,28	1,70	2,98	2,85	8,50	9,21	0,53	1,95	2,50	2,44	8,93	11,45	95	4,37	A	975	A++	7,76	8,5	383
	1.5+1.5+1.5+2.0+4.2	1,26	1,26	1,26	1,68	3,53	2,95	9,00	9,52	0,53	2,06	2,69	2,44	9,43	12,30	95	4,37	A	1030	A++	7,81	9,0	404
	1.5+1.5+1.5+2.0+5.0	1,17	1,17	1,17	1,57	3,91	3,07	9,00	9,83	0,56	2,02	2,78	2,57	9,25	12,71	95	4,47	A	1010	A++	7,83	9,0	403
	1.5+1.5+1.5+2.0+6.0	1,08	1,08	1,08	1,44	4,32	3,21	9,00	10,16	0,57	2,00	2,75	2,61	9,16	12,59	95	4,52	A	1000	A++	7,85	9,0	402
	1.5+1.5+1.5+2.0+7.1	0,99	0,99	0,99	1,32	4,70	3,38	9,00	10,43	0,60	1,97	2,96	2,74	9,02	13,56	95	4,57	A	985	A++	7,86	9,0	401
	1.5+1.5+1.5+2.5+2.5	1,26	1,26	1,26	2,11	2,11	2,77	8,00	8,96	0,53	1,74	2,39	2,44	7,97	10,92	95	4,61	A	870	A++	7,81	8,0	359
	1.5+1.5+1.5+2.5+3.5	1,24	1,24	1,24	2,07	2,90	2,92	8,70	9,44	0,53	2,06	2,63	2,44	9,43	12,02	95	4,24	A	1030	A++	7,71	8,7	395
	1.5+1.5+1.5+2.5+4.2	1,21	1,21	1,21	2,01	3,38	3,02	9,00	9,72	0,56	2,19	2,82	2,57	10,03	12,91	95	4,12	A	1095	A++	7,66	9,0	411
	1.5+1.5+1.5+2.5+5.0	1,13	1,13	1,13	1,88	3,75	3,14	9,00	10,01	0,56	2,14	2,90	2,57	9,80	13,28	95	4,22	A	1070	A++	7,69	9,0	410
	1.5+1.5+1.5+2.5+6.0	1,04	1,04	1,04	1,73	4,15	3,29	9,00	10,29	0,60	2,11	2,82	2,74	9,66	12,91	95	4,27	A	1055	A++	7,70	9,0	409
	1.5+1.5+1.5+2.5+7.1	0,96	0,96	0,96	1,60	4,53	3,45	9,00	10,53	0,60	2,09	2,96	2,74	9,57	13,56	95	4,32	A	1045	A++	7,72	9,0	408
	1.5+1.5+1.5+3.5+3.5	1,17	1,17	1,17	2,74	2,74	3,07	9,00	9,83	0,56	2,18	2,88	2,57	9,98	13,20	95	4,14	A	1090	A++	7,68	9,0	411
	1.5+1.5+1.5+3.5+4.2	1,11	1,11	1,11	2,58	3,10	3,17	9,00	10,07	0,60	2,17	3,02	2,74	9,94	13,81	95	4,16	A	1085	A++	7,68	9,0	410
	1.5+1.5+1.5+3.5+5.0	1,04	1,04	1,04	2,42	3,46	3,29	9,00	10,29	0,60	2,12	3,11	2,74	9,71	14,22	95	4,26	A	1060	A++	7,70	9,0	409
	1.5+1.5+1.5+3.5+6.0	0,96	0,96	0,96	2,25	3,86	3,43	9,00	10,52	0,60	2,09	2,95	2,74	9,57	13,52	95	4,31	A	1045	A++	7,72	9,0	408
	1.5+1.5+1.5+3.5+7.1	0,89	0,89	0,89	2,09	4,23	3,59	9,00	10,67	0,63	2,07	3,10	2,86	9,48	14,17	95	4,36	A	1035	A++	7,74	9,0	407
	1.5+1.5+1.5+4.2+4.2	1,05	1,05	1,05	2,93	2,93	3,27	9,00	10,19	0,60	2,16	3,09	2,74	9,89	14,13	95	4,18	A	1080	A++	7,69	9,0	410
	1.5+1.5+1.5+4.2+5.0	0,99	0,99	0,99	2,76	3,28	3,39	9,00	10,36	0,63	2,11	3,11	2,86	9,66	14,22	95	4,28	A	1055	A++	7,71	9,0	409
	1.5+1.5+1.5+4.2+6.0	0,92	0,92	0,92	2,57	3,67	3,53	9,00	10,62	0,63	2,08	3,03	2,86	9,52	13,85	95	4,33	A	1040	A++	7,73	9,0	408
	1.5+1.5+1.5+5.0+5.0	0,93	0,93	0,93	3,10	3,10	3,50	9,00	10,55	0,63	2,10	3,13	2,86	9,62	14,34	95	4,30	A	1050	A++	7,72	9,0	408
	1.5+1.5+1.5+5.0+6.0	0,87	0,87	0,87	2,90	3,48	3,65	9,00	10,70	0,63	2,07	2,98	2,86	9,48	13,65	95	4,35	A	1035	A++	7,74	9,0	407
	1.5+1.5+2.0+2.0+2.0	1,30	1,30	1,73	1,73	1,73	2,70	7,80	8,70	0,51	1,65	2,22	2,32	7,56	10,14	95	4,73	A	825	A++	7,86	7,8	348
	1.5+1.5+2.0+2.0+2.5	1,26	1,26	1,68	1,68	2,11	2,77	8,00	8,96	0,53	1,74	2,39	2,44	7,97	10,92	95	4,61	A	870	A++	7,81	8,0	359
	1.5+1.5+2.0+2.0+3.5	1,24	1,24	1,66	1,66	2,90	2,92	8,70	9,44	0,53	2,05	2,63	2,44	9,39	12,02	95	4,26	A	1025	A++	7,72	8,7	395
	1.5+1.5+2.0+2.0+4.2	1,21	1,21	1,61	1,61	3,38	3,02	9,00	9,72	0,56	2,18	2,82	2,57	9,98	12,91	95	4,14	A	1090	A++	7,67	9,0	411
	1.5+1.5+2.0+2.0+5.0	1,13	1,13	1,50	1,50	3,75	3,14	9,00	10,01	0,56	2,13	2,90	2,57	9,75	13,28	95	4,24	A	1065	A++	7,71	9,0	409
	1.5+1.5+2.0+2.0+6.0	1,04	1,04	1,38	1,38	4,15	3,29	9,00	10,29	0,60	2,10	2,82	2,74	9,62	12,91	95	4,29	A	1050	A++	7,73	9,0	408
	1.5+1.5+2.0+2.0+7.1	0,96	0,96	1,28	1,28	4,53	3,45	9,00	10,53	0,60	2,08	2,96	2,74	9,52	13,56	95	4,34	A	1040	A++	7,75	9,0	407
	1.5+1.5+2.0+2.5+2.5	1,28	1,28	1,70	2,13	2,13	2,85	8,50	9,21	0,53	1,84	2,50	2,44	8,43	11,45	95	4,63	A	920	A++	7,83	8,5	380
	1.5+1.5+2.0+2.5+3.5	1,23	1,23	1,64	2,05	2,86	2,99	9,00	9,64	0,56	2,18	2,75	2,57	9,98	12,59	95	4,14	A	1090	A++	7,67	9,0	411
	1.5+1.5+2.0+2.5+4.2	1,15	1,15	1,54	1,92	3,23	3,10	9,00	9,90	0,56	2,17	2,95	2,57	9,94	13,48	95	4,16	A	1085	A++	7,68	9,0	411
	1.5+1.5+2.0+2.5+5.0	1,08	1,08	1,44	1,80	3,60	3,21	9,00	10,16	0,60	2,12	3,03	2,74	9,71	13,89	95	4,26	A	1060	A++	7,71	9,0	409
	1.5+1.5+2.0+2.5+6.0	1,00	1,00	1,33	1,67	4,00	3,36	9,00	10,41	0,60	2,09	2,95	2,74	9,57	13,52	95	4,31	A	1045	A++	7,73	9,0	408
	1.5+1.5+2.0+2.5+7.1	0,92	0,92	1,23	1,54	4,38	3,51	9,00	10,61	0,63	2,07	3,03	2,86	9,48	13,85	95	4,36	A	1035	A++	7,76	9,0	406
	1.5+1.5+2.0+3.5+3.5	1,13	1,13	1,50	2,63	2,63	3,14	9,00	10,01	0,56	2,17	3,02	2,57	9,94	13,81	95	4,16	A	1085	A++	7,68	9,0	410
	1.5+1.5+2.0+3.5+4.2	1,06	1,06	1,42	2,48	2,98	3,24	9,00	10,18	0,60	2,16	3,08	2,74	9,89	14,09	95	4,18	A	1080	A++	7,69	9,0	410
	1.5+1.5+2.0+3.5+5.0	1,00	1,00	1,33	2,33	3,33	3,36	9,00	10,36	0,60	2,11	3,11	2,74	9,66	14,22	95	4,28	A	1055	A++	7,72	9,0	408
	1.5+1.5+2.0+3.5+6.0	0,93	0,93	1,24	2,17	3,72	3,50	9,00	10,59	0,63	2,08	3,03	2,86	9,52	13,85	95	4,33	A	1040	A++	7,74	9,0	407
	1.5+1.5+2.0+3.5+7.1	0,87	0,87	1,15	2,02	4,10	3,66	9,00	10,71	0,65	2,06	3,10	2,99	9,43	14,17	95	4,38	A	1030	A++	7,76	9,0	406
	1.5+1.5+2.0+4.2+4.2	1,01	1,01	1,34	2,82	2,82	3,35	9,00	10,19	0,63	2,15	3,09	2,86	9,84	14,13	95	4,20	A	1075	A++	7,70	9,0	409
	1.5+1.5+2.0+4.2+5.0	0,95	0,95	1,27	2,66	3,17	3,46	9,00	10,36	0,63	2,10	3,11	2,86	9,62	14,22	95	4,30	A	1050	A++	7,73	9,0	408
	1.5+1.5+2.0+4.2+6.0	0,89	0,89	1,18	2,49	3,55	3,60	9,00	10,68	0,63	2,07	3,10	2,86	9,48	14,17	95	4,35	A	1035	A++	7,75	9,0	407
	1.5+1.5+2.0+5.0+5.0	0,90	0,90	1,20	3,00	3,00	3,57	9,00	10,66	0,63	2,00	3,28	2,86	9,16	14,99	95	4,50	A	1000	A++	7,70	9,0	410
	1.5+1.5+2.5+2.5+2.5	1,24	1,24	2,07	2,07	2,07	2,92	8,70	9,44	0,53	2,04	2,63	2,44	9,34	12,02	95	4,28	A	1020	A++	7,72	8,7	395
	1.5+1.5+2.5+2.5+3.5	1,17	1,17	1,96	1,96	2,74	3,07	9,00	9,83	0,56	2,17	2,88	2,57	9,94	13,20	95	4,16	A	1085	A++	7,67	9,0	411
	1.5+1.5+2.5+2.5+4.2	1,11	1,11	1,84	1,84	3,10	3,17	9,00	10,07	0,60	2,16	3,02	2,74	9,89	13,81	95	4,18	A	1080	A++	7,68	9,0	411
	1.5+1.5+2.5+2.5+5.0	1,04	1,04	1,73	1,73	3,46	3,29	9,00	10,29	0,60	2,11	3,11	2,74	9,66	14,22	95	4,28	A	1055	A++	7,71	9,0	409
	1.5+1.5+2.5+2.5+6.0	0,96	0,96	1,61	1,61	3,86	3,43	9,00	10,52	0,60	2,08	3,03	2,74	9,52	13,85	95	4,33	A	1040	A++	7,73	9,0	408
	1.5+1.5+2.5+2.5+7.1	0,89	0,89	1,49	1,49	4,23	3,59	9,00	10,67	0,63	2,06	3,10	2,86	9,43	14,17	95	4,38	A	1030	A++	7,75	9,0	406
	1.5+1.5+2.5+3.5+3.5	1,08	1,08	1,80	2,52	2,52	3,21	9,00	10,16	0,60	2,16	3,08	2,74	9,89	14,09	95	4,18	A	1080	A++	7,68	9,0	410
	1.5+1.5+2.5+3.5+4.2	1,02	1,02	1,70	2,39	2,86	3,32	9,00	10,18	0,60	2,15	3,08	2,74	9,84	14,09	95	4,20	A	1075	A++	7,69	9,0	410
	1.5+1.5+2.5+3.5+5.0	0,96	0,96	1,61	2,25	3,21	3,43	9,00	10,36	0,63	2,10	3,11	2,86	9,62	14,22	95	4,30	A	1050	A++	7,72	9,0	408
	1.5+1.5+2.5+3.5+6.0	0,90	0,90	1,50	2,10	3,60	3,57	9,00	10,66	0,63	2,07	3,10	2,86	9,48	14,17	95	4,35	A	1035	A++	7,74	9,0	407
	1.5+1.5+2.5+4.2+4.2	0,97	0,97	1,62	2,72	2,72	3,42	9,00	10,19	0,63	2,14	3,09	2,86	9,80	14,13	95	4,22	A	1070	A++	7,70	9,0	410
	1.5+1.5+2.5+4.2+5.0	0,92	0,92	1,53	2,57	3,06	3,53	9,00	10,62	0,63	2,09	3,39	2,86	9,57	15,52	95	4,32	A	1045	A++	7,73	9,0	408
	1.5+1.5+2.5+5.0+5.0	0,87	0,87	1,45	2,90	2,90	3,65	9,00	10,70	0,65	2,02	3,28	2,99	9,25	14,99	95	4,47	A	1010	A++	7,67	9,0	411
	1.5+1.5+3.5+3.5+3.5	1,00	1,00	2,33	2,33	2,33	3,36	9,00	10,18	0,63	2,15	3,08	2,86	9,84	14,09	95	4,20	A	1075	A++	7,69	9,0	410
	1.5+1.5+3.5+3.5+4.2	0,95	0,95	2,22	2,22	2,66	3,46	9,00	10,19	0,63	2,14	3,09	2,86	9,80	14,13	95	4,22	A	1070	A++	7,70	9,0	410
	1.5+1.5+3.5+3.5+5.0	0,90	0,90	2,10	2,10	3,00	3,57	9,00	10,66	0,65	2,09	3,38	2,99	9,57	15,48	95	4,32	A	1045	A++	7,73	9,0	408
	1.5+1.5+3.5+4.2+4.2	0,91	0,91	2,11	2,54	2,54	3,56	9,00	10,65	0,65	2,13	3,57	2,99	9,75	16,33	95	4,24	A	1065	A++	7,71	9,0	409
	1.5+2.0+2.0+2.0+2.0	1,26	1,68	1,68	1,68	1,68	2,77	8,00	8,96	0,53	1,73	2,39	2,44	7,92	10,92	95	4,63	A	865	A++	7,81	8,0	359
	1.5+2.0+2.0+2.0+2.5	1,28	1,70	1,70	1,70	2,13	2,85	8,50	9,21	0,53	1,83	2,50	2,44	8,38	11,45	95	4,65	A	915	A++	7,83	8,5	380
	1.5+2.0+2.0+2.0+3.5	1,23	1,64	1,64	1,64	2,86	2,99	9,00	9,64	0,56	2,17	2,75	2,57	9,94	12,59	95	4,16	A	1085	A++	7,67	9,0	411
	1.5+2.0+2.0+2.0+4.2	1,15	1,54	1,54	1,54	3,23	3,10	9,00	9,90	0,56	2,16	2,95	2,57	9,89	13,48	95	4,18	A	1080	A++	7,68	9,0	411
	1.5+2.0+2.0+2.0+5.0	1,08	1,44	1,44	1,44	3,60	3,21	9,00	10,16	0,60	2,11	3,03	2,74	9,66	13,89	95	4,28	A	1055	A++	7,71	9,0	409
	1.5+2.0+2.0+2.0+6.0	1,00	1,33	1,33	1,33	4,00	3,36	9,00	10,41	0,60	2,08	2,95	2,74	9,52	13,52	95	4,33	A	1040	A++	7,73	9,0	408
	1.5+2.0+2.0+2.0+7.1	0,92	1,23	1,23	1,23	4,38	3,51	9,00	10,61	0,63	2,06	3,03	2,86	9,43	13,85	95	4,38	A	1030	A++	7,76	9,0	406
	1.5+2.0+2.0+2.5+2.5	1,24	1,66	1,66	2,07	2,07	2,92	8,70	9,44	0,53	1,87	2,63	2,44	8,56	12,02	95	4,67	A	935	A++	7,86	8,7	388
	1.5+2.0+2.0+2.5+3.5	1,17	1,57	1,57	1,96	2,74	3,07	9,00	9,83	0,56	1,92	2,88	2,57	8,79	13,20	95	4,71	A	960	A++	7,90	9,0	399
	1.5+2.0+2.0+2.5+4.2	1,11	1,48	1,48	1,84	3,10	3,17	9,00	10,07	0,60	1,91	3,02	2,74	8,75	13,81	95	4,73	A	955	A++	7,90	9,0	399
	1.5+2.0+2.0+2.5+5.0	1,04	1,38	1,38	1,73	3,46	3,29	9,00	10,29	0,60	1,87	3,11	2,74	8,56	14,22	95	4,83	A	935	A++	7,93	9,0	397
	1.5+2.0+2.0+2.5+6.0	0,96	1,29	1,29	1,61	3,86	3,43	9,00	10,52	0,60	1,85	3,03	2,74	8,47	13,85	95	4,88	A	925	A++	7,95	9,0	396
	1.5+2.0+2.0+2.5+7.1	0,89	1,19	1,19	1,49	4,23	3,59	9,00	10,67	0,63	1,83	3,10	2,86	8,38	14,17	95	4,93	A	915	A++	7,97	9,0	395
	1.5+2.0+2.0+3.5+3.5	1,08	1,44	1,44	2,52	2,52	3,21	9,00	10,16	0,60	1,91	3,08	2,74	8,75	14,09	95	4,73	A	955	A++	7,91	9,0	399
	1.5+2.0+2.0+3.5+4.2	1,02	1,36	1,36	2,39	2,86	3,32	9,00	10,18	0,60	1,90	3,08	2,74	8,70	14,09	95	4,75	A	950	A++	7,91	9,0	398
	1.5+2.0+2.0+3.5+5.0	0,96	1,29	1,29	2,25	3,21	3,43	9,00	10,36	0,63	1,86	3,11	2,86	8,52	14,22	95	4,85	A	930	A++	7,94	9,0	397

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
	1.5+2.0+2.0+3.5+6.0	0,90	1,20	1,20	2,10	3,60	3,57	9,00	10,66	0,63	1,84	3,10	2,86	8,43	14,17	95	4,90	A	920	A++	7,96	9,0	396
	1.5+2.0+2.0+4.2+4.2	0,97	1,29	1,29	2,72	2,72	3,42	9,00	10,19	0,63	1,89	3,09	2,86	8,65	14,13	95	4,77	A	945	A++	7,92	9,0	398
	1.5+2.0+2.0+4.2+5.0	0,92	1,22	1,22	2,57	3,06	3,53	9,00	10,62	0,63	1,85	3,39	2,86	8,47	15,52	95	4,87	A	925	A++	7,95	9,0	396
	1.5+2.0+2.0+5.0+5.0	0,87	1,16	1,16	2,90	2,90	3,65	9,00	10,70	0,65	1,85	3,28	2,99	8,47	14,99	95	4,87	A	925	A++	7,95	9,0	396
	1.5+2.0+2.5+2.5+2.5	1,23	1,64	2,05	2,05	2,05	2,99	9,00	9,64	0,56	1,92	2,75	2,57	8,79	12,59	95	4,71	A	960	A++	7,89	9,0	399
	1.5+2.0+2.5+2.5+3.5	1,13	1,50	1,88	1,88	2,63	3,14	9,00	10,01	0,56	1,90	3,02	2,57	8,70	13,81	95	4,75	A	950	A++	7,91	9,0	399
	1.5+2.0+2.5+2.5+4.2	1,06	1,42	1,77	1,77	2,98	3,24	9,00	10,17	0,60	1,89	3,08	2,74	8,65	14,09	95	4,77	A	945	A++	7,91	9,0	398
	1.5+2.0+2.5+2.5+5.0	1,00	1,33	1,67	1,67	3,33	3,36	9,00	10,35	0,60	1,85	3,11	2,74	8,47	14,22	95	4,87	A	925	A++	7,94	9,0	397
	1.5+2.0+2.5+2.5+6.0	0,93	1,24	1,55	1,55	3,72	3,50	9,00	10,59	0,63	1,83	3,03	2,86	8,38	13,85	95	4,92	A	915	A++	7,96	9,0	396
	1.5+2.0+2.5+2.5+7.1	0,87	1,15	1,44	1,44	4,10	3,66	9,00	10,71	0,65	1,82	3,10	2,99	8,33	14,17	95	4,97	A	910	A++	7,98	9,0	395
	1.5+2.0+2.5+3.5+3.5	1,04	1,38	1,73	2,42	2,42	3,29	9,00	10,17	0,60	1,89	3,08	2,74	8,65	14,09	95	4,77	A	945	A++	7,92	9,0	398
	1.5+2.0+2.5+3.5+4.2	0,99	1,31	1,64	2,30	2,76	3,39	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95	4,79	A	940	A++	7,92	9,0	398
	1.5+2.0+2.5+3.5+5.0	0,93	1,24	1,55	2,17	3,10	3,50	9,00	10,36	0,63	1,85	3,11	2,86	8,47	14,22	95	4,89	A	925	A++	7,95	9,0	396
	1.5+2.0+2.5+3.5+6.0	0,87	1,16	1,45	2,03	3,48	3,65	9,00	10,70	0,65	1,83	3,10	2,99	8,38	14,17	95	4,94	A	915	A++	7,97	9,0	396
	1.5+2.0+2.5+4.2+4.2	0,94	1,25	1,56	2,63	2,63	3,48	9,00	10,19	0,63	1,88	3,09	2,86	8,61	14,13	95	4,81	A	940	A++	7,93	9,0	398
	1.5+2.0+2.5+4.2+5.0	0,89	1,18	1,48	2,49	2,96	3,60	9,00	10,68	0,65	1,84	3,46	2,99	8,43	15,84	95	4,91	A	920	A++	7,96	9,0	396
	1.5+2.0+3.5+3.5+3.5	0,96	1,29	2,25	2,25	2,25	3,43	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95	4,79	A	940	A++	7,93	9,0	398
	1.5+2.0+3.5+3.5+4.2	0,92	1,22	2,14	2,14	2,57	3,53	9,00	10,62	0,65	1,88	3,57	2,99	8,61	16,33	95	4,81	A	940	A++	7,93	9,0	398
	1.5+2.0+3.5+3.5+5.0	0,87	1,16	2,03	2,03	2,90	3,65	9,00	10,70	0,65	1,84	3,45	2,99	8,43	15,80	95	4,91	A	920	A++	7,96	9,0	396
	1.5+2.0+3.5+4.2+4.2	0,88	1,17	2,05	2,45	2,45	3,63	9,00	10,69	0,65	1,87	3,64	2,99	8,56	16,66	95	4,83	A	935	A++	7,94	9,0	397
	1.5+2.5+2.5+2.5+2.5	1,17	1,96	1,96	1,96	1,96	3,07	9,00	9,83	0,56	1,91	2,88	2,57	8,75	13,20	95	4,73	A	955	A++	7,88	9,0	400
	1.5+2.5+2.5+2.5+3.5	1,08	1,80	1,80	1,80	2,52	3,21	9,00	10,16	0,60	1,89	3,08	2,74	8,65	14,09	95	4,77	A	945	A++	7,89	9,0	399
	1.5+2.5+2.5+2.5+4.2	1,02	1,70	1,70	1,70	2,86	3,32	9,00	10,17	0,60	1,88	3,08	2,74	8,61	14,09	95	4,79	A	940	A++	7,89	9,0	399
	1.5+2.5+2.5+2.5+5.0	0,96	1,61	1,61	1,61	3,21	3,43	9,00	10,35	0,63	1,85	3,11	2,86	8,47	14,22	95	4,89	A	925	A++	7,92	9,0	398
	1.5+2.5+2.5+2.5+6.0	0,90	1,50	1,50	1,50	3,60	3,57	9,00	10,66	0,63	1,83	3,10	2,86	8,38	14,17	95	4,94	A	915	A++	7,94	9,0	397
	1.5+2.5+2.5+3.5+3.5	1,00	1,67	1,67	2,33	2,33	3,36	9,00	10,17	0,63	1,88	3,08	2,86	8,61	14,09	95	4,79	A	940	A++	7,90	9,0	399
	1.5+2.5+2.5+3.5+4.2	0,95	1,58	1,58	2,22	2,66	3,46	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95	4,81	A	940	A++	7,90	9,0	399
	1.5+2.5+2.5+3.5+5.0	0,90	1,50	1,50	2,10	3,00	3,57	9,00	10,66	0,65	1,84	3,38	2,99	8,43	15,48	95	4,91	A	920	A++	7,93	9,0	397
	1.5+2.5+2.5+4.2+4.2	0,91	1,51	1,51	2,54	2,54	3,56	9,00	10,65	0,65	1,87	3,64	2,99	8,56	16,66	95	4,83	A	935	A++	7,91	9,0	398
	1.5+2.5+3.5+3.5+3.5	0,93	1,55	2,17	2,17	2,17	3,50	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95	4,81	A	940	A++	7,91	9,0	399
	1.5+2.5+3.5+3.5+4.2	0,89	1,48	2,07	2,07	2,49	3,60	9,00	10,68	0,65	1,87	3,64	2,99	8,56	16,66	95	4,83	A	935	A++	7,91	9,0	398
	1.5+3.5+3.5+3.5+3.5	0,87	2,03	2,03	2,03	2,03	3,65	9,00	10,70	0,65	1,87	3,71	2,99	8,56	16,99	95	4,83	A	935	A++	7,92	9,0	398
	2.0+2.0+2.0+2.0+2.0	1,70	1,70	1,70	1,70	1,70	2,85	8,50	9,21	0,53	1,83	2,50	2,44	8,38	11,45	95	4,67	A	915	A++	7,83	8,5	380
	2.0+2.0+2.0+2.0+2.5	1,66	1,66	1,66	1,66	2,07	2,92	8,70	9,44	0,53	2,03	2,63	2,44	9,30	12,02	95	4,30	A	1015	A++	7,72	8,7	395
	2.0+2.0+2.0+2.0+3.5	1,57	1,57	1,57	1,57	2,74	3,07	9,00	9,83	0,56	1,90	2,88	2,57	8,70	13,20	95	4,75	A	950	A++	7,86	9,0	401
	2.0+2.0+2.0+2.0+4.2	1,48	1,48	1,48	1,48	3,10	3,17	9,00	10,07	0,60	1,89	3,02	2,74	8,65	13,81	95	4,77	A	945	A++	7,86	9,0	401
	2.0+2.0+2.0+2.0+5.0	1,38	1,38	1,38	1,38	3,46	3,29	9,00	10,29	0,60	1,85	3,11	2,74	8,47	14,22	95	4,87	A	925	A++	7,89	9,0	399
	2.0+2.0+2.0+2.0+6.0	1,29	1,29	1,29	1,29	3,86	3,43	9,00	10,52	0,60	1,83	3,03	2,74	8,38	13,85	95	4,92	A	915	A++	7,91	9,0	399
	2.0+2.0+2.0+2.0+7.1	1,19	1,19	1,19	1,19	4,23	3,59	9,00	10,67	0,63	1,82	3,10	2,86	8,33	14,17	95	4,97	A	910	A++	7,93	9,0	398
5MXM90N2V1B	2.0+2.0+2.0+2.5+2.5	1,64	1,64	1,64	2,05	2,05	2,99	9,00	9,64	0,56	2,09	2,75	2,57	9,57	12,59	95	4,32	A	1045	A++	7,76	9,0	406
	2.0+2.0+2.0+2.5+3.5	1,50	1,50	1,50	1,88	2,63	3,14	9,00	10,01	0,56	2,07	3,02	2,57	9,48	13,81	95	4,36	A	1035	A++	7,77	9,0	405
	2.0+2.0+2.0+2.5+4.2	1,42	1,42	1,42	1,77	2,98	3,24	9,00	10,17	0,60	2,06	3,08	2,74	9,43	14,09	95	4,38	A	1030	A++	7,78	9,0	405
	2.0+2.0+2.0+2.5+5.0	1,33	1,33	1,33	1,67	3,33	3,36	9,00	10,35	0,60	2,01	3,11	2,74	9,20	14,22	95	4,48	A	1005	A++	7,81	9,0	404
	2.0+2.0+2.0+2.5+6.0	1,24	1,24	1,24	1,55	3,72	3,50	9,00	10,59	0,63	1,99	3,03	2,86	9,11	13,85	95	4,53	A	995	A++	7,83	9,0	403
	2.0+2.0+2.0+2.5+7.1	1,15	1,15	1,15	1,44	4,10	3,66	9,00	10,71	0,65	1,97	3,10	2,99	9,02	14,17	95	4,58	A	985	A++	7,85	9,0	401
	2.0+2.0+2.0+3.5+3.5	1,38	1,38	1,38	2,42	2,42	2,99	9,00	9,64	0,56	2,06	2,75	2,57	9,43	12,59	95	4,38	A	1030	A++	7,78	9,0	405
	2.0+2.0+2.0+3.5+4.2	1,31	1,31	1,31	2,30	2,76	3,39	9,00	10,18	0,63	2,05	3,08	2,86	9,39	14,09	95	4,40	A	1025	A++	7,79	9,0	405
	2.0+2.0+2.0+3.5+5.0	1,24	1,24	1,24	2,17	3,10	3,50	9,00	10,36	0,63	2,00	3,11	2,86	9,16	14,22	95	4,50	A	1000	A++	7,82	9,0	403
	2.0+2.0+2.0+3.5+6.0	1,16	1,16	1,16	2,03	3,48	3,65	9,00	10,70	0,65	1,98	3,10	2,99	9,07	14,17	95	4,55	A	990	A++	7,84	9,0	402
	2.0+2.0+2.0+4.2+4.2	1,25	1,25	1,25	2,63	2,63	3,48	9,00	10,19	0,63	2,04	3,09	2,86	9,34	14,13	95	4,42	A	1020	A++	7,80	9,0	404
	2.0+2.0+2.0+4.2+5.0	1,18	1,18	1,18	2,49	2,96	3,60	9,00	10,68	0,65	2,00	3,46	2,99	9,16	15,84	95	4,52	A	1000	A++	7,83	9,0	403
	2.0+2.0+2.5+2.5+2.5	1,57	1,57	1,96	1,96	1,96	3,07	9,00	9,83	0,56	2,08	2,88	2,57	9,52	13,20	95	4,34	A	1040	A++	7,74	9,0	407
	2.0+2.0+2.5+2.5+3.5	1,44	1,44	1,80	1,80	2,52	3,21	9,00	10,16	0,60	2,06	3,08	2,74	9,43	14,09	95	4,38	A	1030	A++	7,76	9,0	406
	2.0+2.0+2.5+2.5+4.2	1,36	1,36	1,70	1,70	2,86	3,32	9,00	9,85	0,60	2,05	3,08	2,74	9,39	14,09	95	4,40	A	1025	A++	7,76	9,0	406
	2.0+2.0+2.5+2.5+5.0	1,29	1,29	1,61	1,61	3,21	3,43	9,00	10,35	0,63	2,00	3,11	2,86	9,16	14,22	95	4,50	A	1000	A++	7,79	9,0	404
	2.0+2.0+2.5+2.5+6.0	1,20	1,20	1,50	1,50	3,60	3,57	9,00	10,66	0,63	1,98	3,10	2,86	9,07	14,17	95	4,55	A	990	A++	7,81	9,0	403
	2.0+2.0+2.5+3.5+3.5	1,33	1,33	1,67	2,33	2,33	3,36	9,00	10,17	0,63	2,05	3,08	2,86	9,39	14,09	95	4,40	A	1025	A++	7,77	9,0	406
	2.0+2.0+2.5+3.5+4.2	1,27	1,27	1,58	2,22	2,66	3,46	9,00	9,85	0,63	2,04	3,08	2,86	9,34	14,09	95	4,42	A	1020	A++	7,77	9,0	406
	2.0+2.0+2.5+3.5+5.0	1,20	1,20	1,50	2,10	3,00	3,57	9,00	10,66	0,65	2,00	3,38	2,99	9,16	15,48	95	4,52	A	1000	A++	7,80	9,0	404
	2.0+2.0+2.5+4.2+4.2	1,21	1,21	1,51	2,54	2,54	3,56	9,00	10,65	0,65	2,03	3,57	2,99	9,30	16,33	95	4,44	A	1015	A++	7,78	9,0	405
	2.0+2.0+3.5+3.5+3.5	1,24	1,24	2,17	2,17	2,17	3,50	9,00	10,18	0,63	2,04	3,08	2,86	9,34	14,09	95	4,42	A	1020	A++	7,77	9,0	405
	2.0+2.0+3.5+3.5+4.2	1,18	1,18	2,07	2,07	2,49	3,60	9,00	10,68	0,65	2,03	3,57	2,99	9,30	16,33	95	4,44	A	1015	A++	7,78	9,0	405
	2.0+2.5+2.5+2.5+2.5	1,50	1,88	1,88	1,88	1,88	3,14	9,00	10,01	0,56	2,07	3,02	2,57	9,48	13,81	95	4,36	A	1035	A++	7,75	9,0	407
	2.0+2.5+2.5+2.5+3.5	1,38	1,73	1,73	1,73	2,42	3,29	9,00	10,16	0,60	2,05	3,08	2,74	9,39	14,09	95	4,40	A	1025	A++	7,76	9,0	406
	2.0+2.5+2.5+2.5+4.2	1,31	1,64	1,64	1,64	2,76	3,39	9,00	10,17	0,63	2,04	3,08	2,86	9,34	14,09	95	4,42	A	1020	A++	7,76	9,0	406
	2.0+2.5+2.5+2.5+5.0	1,24	1,55	1,55	1,55	3,10	3,50	9,00	10,35	0,63	2,00	3,11	2,86	9,16	14,22	95	4,52	A	1000	A++	7,80	9,0	404
	2.0+2.5+2.5+2.5+6.0	1,16	1,45	1,45	1,45	3,48	3,65	9,00	10,70	0,65	1,97	3,10	2,99	9,02	14,17	95	4,57	A	985	A++	7,82	9,0	403
	2.0+2.5+2.5+3.5+3.5	1,29	1,61	1,61	2,25	2,25	3,43	9,00	10,17	0,63	2,04	3,08	2,86	9,34	14,09	95	4,42	A	1020	A++	7,77	9,0	406
	2.0+2.5+2.5+3.5+4.2	1,22	1,53	1,53	2,14	2,57	3,53	9,00	10,62	0,65	2,03	3,57	2,99	9,30	16,33	95	4,44	A	1015	A++	7,77	9,0	405
	2.0+2.5+2.5+3.5+5.0	1,16	1,45	1,45	2,03	2,90	3,65	9,00	10,70	0,65	1,97	3,45	2,99	9,02	15,80	95	4,59	A	985	A++	7,83	9,0	403
	2.0+2.5+2.5+4.2+4.2	1,17	1,46	1,46	2,45	2,45	3,60	9,00	10,68	0,65	2,03	3,57	2,99	9,30	16,33	95	4,45	A	1015	A++	7,77	9,0	406
	2.0+2.5+3.5+3.5+3.5	1,20	1,50	2,10	2,10	2,10	3,57	9,00	10,63	0,65	2,02	3,57	2,99	9,25	16,33	95	4,47	A	1010	A++	7,78	9,0	405
	2.5+2.5+2.5+2.5+2.5	1,80	1,80	1,80	1,80	1,80	3,21	9,00	10,15	0,60	2,02	3,08	2,74	9,25	14,09	95	4,47	A	1010	A++	7,73	9,0	408
	2.5+2.5+2.5+2.5+3.5	1,67	1,67	1,67	1,67	2,33	3,36	9,00	10,16	0,63	2,01	3,08	2,86	9,20	14,09	95	4,49	A	1005	A++	7,74	9,0	407
	2.5+2.5+2.5+2.5+4.2	1,58	1,58	1,58	1,58	2,66	3,46	9,00	10,17	0,63	2,01	3,08	2,86	9,20	14,09	95	4,49	A	1005	A++	7,75	9,0	407
	2.5+2.5+2.5+2.5+5.0	1,50	1,50	1,50	1,50	3,00	3,57	9,00	10,66	0,65	2,00	3,45	2,99	9,16	15,80	95	4,51	A	1000	A++	7,75	9,0	407
	2.5+2.5+2.5+3.5+3.5	1,55	1,55	1,55	2,17	2,17	3,50	9,00	10,17	0,63	2,00	3,08	2,86	9,16	14,09	95	4,51	A	1000	A++	7,76	9,0	406
	2.5+2.5+2.5+3.5+4.2	1,48	1,48	1,48	2,07	2,49	3,60	9,00	10,68	0,65	1,99	3,57	2,99	9,11	16,33	95	4,53	A	995	A++	7,76	9,0	406
	2.5+2.5+3.5+3.5+3.5	1,45	1,45	2,03	2,03	2,03	3,65	9,00	10,63	0,65	1,99	3,57	2,99	9,11	16,33	95	4,53	A	995	A++	7,77	9,0	406

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
	1,5	1,90	---	---	---	---	1,28	1,90	3,93	0,28	0,53	1,31	1,29	2,43	5,98	95	---	---	---	---	---	---	---
	2,0	2,49	---	---	---	---	1,33	2,49	4,37	0,34	0,67	1,37	1,55	3,05	6,25	95	---	---	---	---	---	---	---
	2,5	3,11	---	---	---	---	1,39	3,11	4,84	0,36	0,88	1,47	1,64	4,04	6,71	95	---	---	---	---	---	---	---
	3,5	4,36	---	---	---	---	1,51	4,36	5,31	0,38	1,40	1,93	1,73	6,42	8,84	95	---	---	---	---	---	---	---
	4,2	5,23	---	---	---	---	1,56	5,23	6,16	0,40	1,63	2,06	1,82	7,45	9,42	95	---	---	---	---	---	---	---
	5,0	6,21	---	---	---	---	1,94	6,21	7,75	0,47	1,76	2,39	2,13	8,08	10,92	95	---	---	---	---	---	---	---
	6,0	7,46	---	---	---	---	2,23	7,46	8,87	0,58	2,25	2,86	2,66	10,32	13,09	95	---	---	---	---	---	---	---
	7,1	8,82	---	---	---	---	2,55	8,82	9,38	0,65	2,81	3,01	2,97	12,88	13,77	95	---	---	---	---	---	---	---
	1.5+1.5	1,85	1,85	---	---	---	1,51	3,70	5,98	0,37	0,88	1,42	1,68	4,03	6,50	95	4,21	A	A	3,87	3,50	1264	0,32
	1.5+2.0	1,84	2,46	---	---	---	1,57	4,30	5,98	0,35	1,04	1,42	1,59	4,76	6,50	95	4,16	A	A	3,88	3,50	1262	0,32
	1.5+2.5	1,84	3,06	---	---	---	1,72	4,90	7,76	0,37	1,20	2,01	1,68	5,50	9,18	95	4,09	A	A	3,89	3,50	1259	0,32
	1.5+3.5	1,83	4,27	---	---	---	2,02	6,10	7,76	0,44	1,68	2,20	2,02	7,69	10,06	95	3,64	A	A	3,91	3,80	1360	0,44
	1.5+4.2	1,84	5,16	---	---	---	2,23	7,00	8,87	0,42	1,99	2,70	1,94	9,11	12,35	95	3,52	B	A	3,92	3,80	1357	0,43
	1.5+5.0	1,85	6,15	---	---	---	2,48	8,00	9,45	0,44	2,17	2,55	2,02	9,94	11,69	95	3,70	A	A+	4,00	4,50	1573	0,73
	1.5+6.0	1,80	7,20	---	---	---	2,77	9,00	10,28	0,48	2,47	2,84	2,19	11,31	13,01	95	3,65	A	A+	4,01	4,50	1570	0,72
	1.5+7.1	1,74	8,26	---	---	---	3,09	10,00	10,30	0,52	2,90	2,91	2,37	13,28	13,32	95	3,45	B	A+	4,02	4,50	1567	0,7
	2.0+2.0	2,45	2,45	---	---	---	1,72	4,90	7,12	0,37	1,19	1,80	1,68	5,45	8,22	95	4,13	A	A	3,86	3,50	1267	0,32
	2.0+2.5	2,44	3,06	---	---	---	1,88	5,50	7,54	0,39	1,37	1,97	1,76	6,28	9,01	95	4,03	A	A	3,87	3,50	1265	0,31
	2.0+3.5	2,44	4,26	---	---	---	2,17	6,70	8,05	0,47	1,75	2,34	2,15	8,01	10,72	95	3,85	A	A	3,92	3,80	1355	0,43
	2.0+4.2	2,45	5,15	---	---	---	2,39	7,60	8,87	0,58	2,04	2,70	2,67	9,34	12,35	95	3,74	A	A	3,93	3,80	1353	0,43
	2.0+5.0	2,43	6,07	---	---	---	2,62	8,50	9,45	0,59	2,35	2,55	2,71	10,76	11,69	95	3,63	A	A+	4,03	4,50	1564	0,73
	2.0+6.0	2,33	6,98	---	---	---	2,92	9,30	10,28	0,61	2,62	2,84	2,80	12,00	13,01	95	3,55	B	A+	4,03	4,50	1560	0,71
	2.0+7.1	2,20	7,80	---	---	---	3,23	10,00	10,78	0,65	2,90	3,05	2,97	13,28	13,97	95	3,46	B	A+	4,04	4,50	1557	0,69
	2.5+2.5	3,05	3,05	---	---	---	2,02	6,10	7,76	0,44	1,73	2,26	2,02	7,92	10,32	95	3,54	B	A	3,88	3,50	1263	0,31
	2.5+3.5	3,04	4,26	---	---	---	2,33	7,30	8,87	0,56	2,08	2,82	2,58	9,52	12,92	95	3,52	B	A	3,93	3,80	1352	0,43
	2.5+4.2	3,06	5,14	---	---	---	2,54	8,20	9,38	0,61	2,35	3,05	2,80	10,76	13,97	95	3,50	B	A	3,94	3,80	1349	0,43
	2.5+5.0	3,00	6,00	---	---	---	2,77	9,00	10,09	0,62	2,58	2,87	2,84	11,81	13,14	95	3,49	B	A+	4,05	4,50	1552	0,73
	2.5+6.0	2,82	6,78	---	---	---	3,06	9,60	10,28	0,63	2,76	2,91	2,88	12,64	13,31	95	3,48	B	A+	4,06	4,50	1549	0,71
	2.5+7.1	2,60	7,40	---	---	---	3,38	10,00	11,20	0,68	2,89	3,32	3,10	13,23	15,20	95	3,47	B	A+	4,07	4,50	1546	0,69
	3.5+3.5	4,25	4,25	---	---	---	2,62	8,50	9,38	0,61	2,54	3,02	2,80	11,63	13,84	95	3,35	C	A+	4,03	4,50	1561	0,74
	3.5+4.2	4,09	4,91	---	---	---	2,83	9,00	9,98	0,66	2,77	3,39	3,01	12,68	15,51	95	3,25	C	A+	4,04	4,50	1558	0,73
	3.5+5.0	3,91	5,59	---	---	---	3,06	9,50	10,09	0,67	2,73	2,86	3,05	12,50	13,09	95	3,48	B	A+	4,09	5,20	1777	1,04
	3.5+6.0	3,68	6,32	---	---	---	3,35	10,00	11,18	0,68	2,77	3,29	3,10	12,68	15,07	95	3,62	A	A+	4,11	5,20	1770	1,02
	3.5+7.1	3,30	6,70	---	---	---	3,66	10,00	11,21	0,72	2,73	3,22	3,31	12,50	14,72	95	3,67	A	A+	4,13	5,20	1763	1
	4.2+4.2	4,75	4,75	---	---	---	3,03	9,50	9,99	0,68	2,62	3,39	3,10	12,00	15,51	95	3,63	A	A+	4,05	4,50	1555	0,73
	4.2+5.0	4,57	5,43	---	---	---	3,26	10,00	10,52	0,69	2,78	3,15	3,14	12,73	14,41	95	3,61	A	A+	4,16	5,20	1748	1,03
	4.2+6.0	4,12	5,88	---	---	---	3,55	10,00	11,19	0,71	2,74	3,28	3,23	12,55	15,03	95	3,66	A	A+	4,18	5,20	1741	1,01
	4.2+7.1	3,72	6,28	---	---	---	3,87	10,00	11,21	0,74	2,69	3,21	3,40	12,32	14,67	95	3,72	A	A+	4,19	5,20	1734	1
	5.0+5.0	5,00	5,00	---	---	---	3,49	10,00	11,07	0,71	2,71	3,26	3,27	12,41	14,94	95	3,70	A	A+	4,05	6,46	2229	1,59
5MXM90N2V1B	5.0+6.0	4,55	5,45	---	---	---	3,77	10,00	11,32	0,71	2,67	3,18	3,23	12,22	14,54	95	3,75	A	A+	4,07	6,46	2220	1,57
	5.0+7.1	4,13	5,87	---	---	---	4,09	10,00	10,93	0,78	2,63	2,94	3,57	12,04	13,44	95	3,80	A	A+	4,09	6,46	2211	1,55
	6.0+6.0	5,00	5,00	---	---	---	4,07	10,00	11,14	0,71	2,65	2,92	3,27	12,13	13,36	95	3,79	A	A+	4,08	6,46	2215	1,57
	6.0+7.1	4,58	5,42	---	---	---	4,39	10,00	11,17	0,79	2,62	2,91	3,61	12,00	13,31	95	3,82	A	A+	4,10	6,46	2206	1,55
	7.1+7.1	5,00	5,00	---	---	---	4,70	10,00	11,20	0,84	2,60	2,90	3,83	11,90	13,27	95	3,86	A	A+	4,09	6,46	2207	1,54
	1.5+1.5+1.5	1,83	1,83	1,83	---	---	1,88	5,50	7,82	0,44	1,20	1,84	2,02	5,50	8,44	95	4,59	A	A+	4,00	4,80	1679	0,83
	1.5+1.5+2.0	1,83	1,83	2,44	---	---	2,02	6,10	7,82	0,46	1,38	1,84	2,11	6,32	8,44	95	4,43	A	A+	4,01	4,80	1674	0,83
	1.5+1.5+2.5	1,83	1,83	3,05	---	---	2,17	6,70	7,82	0,48	1,59	1,84	2,19	7,28	8,44	95	4,23	A	A+	4,02	4,80	1669	0,82
	1.5+1.5+3.5	1,85	1,85	4,31	---	---	2,48	8,00	9,59	0,52	2,05	2,47	2,37	9,39	11,29	95	3,91	A	A+	4,02	5,50	1914	1,12
	1.5+1.5+4.2	1,81	1,81	5,08	---	---	2,68	8,70	9,59	0,56	2,29	2,47	2,58	10,49	11,29	95	3,81	A	A+	4,03	5,50	1908	1,12
	1.5+1.5+5.0	1,74	1,74	5,81	---	---	2,92	9,30	10,39	0,56	2,48	2,73	2,58	11,36	12,48	95	3,76	A	A+	4,12	6,46	2191	1,54
	1.5+1.5+6.0	1,58	1,58	6,33	---	---	3,20	9,50	11,14	0,57	2,48	2,92	2,62	11,36	13,36	95	3,84	A	A+	4,15	6,46	2175	1,52
	1.5+1.5+7.1	1,49	1,49	7,03	---	---	3,52	10,00	11,18	0,61	2,70	2,91	2,80	12,36	13,31	95	3,71	A	A+	4,18	6,46	2159	1,5
	1.5+2.0+2.0	1,83	2,44	2,44	---	---	2,17	6,70	7,82	0,48	1,60	1,84	2,19	7,33	8,44	95	4,21	A	A+	4,01	4,80	1672	0,82
	1.5+2.0+2.5	1,83	2,43	3,04	---	---	2,33	7,30	9,02	0,50	1,77	2,23	2,28	8,11	10,19	95	4,14	A	A+	4,04	4,80	1663	0,82
	1.5+2.0+3.5	1,82	2,43	4,25	---	---	2,63	8,50	9,59	0,54	2,21	2,47	2,45	10,12	11,29	95	3,86	A	A+	4,02	5,50	1912	1,12
	1.5+2.0+4.2	1,75	2,34	4,91	---	---	2,83	9,00	10,29	0,58	2,39	2,77	2,67	10,94	12,70	95	3,77	A	A+	4,03	5,50	1906	1,11
	1.5+2.0+5.0	1,76	2,35	5,88	---	---	3,06	10,00	10,39	0,58	2,77	2,78	2,67	12,68	12,74	95	3,62	A	A+	4,13	6,46	2189	1,53
	1.5+2.0+6.0	1,58	2,11	6,32	---	---	3,35	10,00	11,14	0,60	2,71	2,92	2,75	12,41	13,36	95	3,70	A	A+	4,16	6,46	2173	1,51
	1.5+2.0+7.1	1,42	1,89	6,70	---	---	3,66	10,00	11,18	0,64	2,69	2,91	2,93	12,32	13,31	95	3,73	A	A+	4,19	6,46	2157	1,49
	1.5+2.5+2.5	1,85	3,08	3,08	---	---	2,48	8,00	9,58	0,52	2,00	2,48	2,37	9,16	11,34	95	4,01	A	A+	4,05	4,80	1657	0,82
	1.5+2.5+3.5	1,80	3,00	4,20	---	---	2,77	9,00	10,29	0,56	2,35	2,77	2,58	10,76	12,70	95	3,83	A	A+	4,05	5,50	1901	1,11
	1.5+2.5+4.2	1,83	3,05	5,12	---	---	2,97	10,00	10,29	0,60	2,74	2,77	2,75	12,55	12,70	95	3,66	A	A+	4,06	5,50	1895	1,11
	1.5+2.5+5.0	1,67	2,78	5,56	---	---	3,20	10,00	10,90	0,61	2,63	2,95	2,80	12,04	13,49	95	3,81	A	A+	4,15	6,46	2176	1,53
	1.5+2.5+6.0	1,50	2,50	6,00	---	---	3,49	10,00	11,14	0,62	2,58	2,92	2,84	11,81	13,36	95	3,89	A	A+	4,18	6,46	2160	1,51
	1.5+2.5+7.1	1,35	2,25	6,40	---	---	3,80	10,00	11,18	0,66	2,53	2,91	3,01	11,58	13,31	95	3,97	A	A+	4,21	6,46	2145	1,49
	1.5+3.5+3.5	1,76	4,12	4,12	---	---	3,06	10,00	10,29	0,60	2,74	2,77	2,75	12,55	12,70	95	3,66	A	A+	4,09	6,46	2208	1,54
	1.5+3.5+4.2	1,63	3,80	4,57	---	---	3,26	10,00	10,78	0,65	2,72	3,00	2,97	12,45	13,71	95	3,69	A	A+	4,10	6,46	2201	1,54
	1.5+3.5+5.0	1,50	3,50	5,00	---	---	3,49	10,00	10,91	0,66	2,61	2,95	3,01	11,95	13,49	95	3,84	A	A+	4,16	6,46	2169	1,52
	1.5+3.5+6.0	1,36	3,18	5,45	---	---	3,77	10,00	11,15	0,67	2,56	2,92	3,05	11,72	13,36	95	3,92	A	A+	4,20	6,46	2154	1,51
	1.5+3.5+7.1	1,24	2,89	5,87	---	---	4,09	10,00	11,18	0,73	2,51	2,91	3,36	11,49	13,31	95	4,00	A	A+	4,23	6,46	2138	1,49
	1.5+4.2+4.2	1,52	4,24	4,24	---	---	3,46	10,00	10,90	0,68	2,69	3,04	3,10	12,32	13,93	95	3,72	A	A+	4,12	6,46	2194	1,53
	1.5+4.2+5.0	1,40	3,93	4,67	---	---	3,69	10,00	11,03	0,71	2,59	2,95	3,23	11,86	13,49	95	3,87	A	A+	4,18	6,46	2162	1,52
	1.5+4.2+6.0	1,28	3,59	5,13	---	---	3,98	10,00	11,27	0,71	2,54	2,92	3,27	11,63	13,36	95	3,95	A	A+	4,21	6,46	2147	1,5
	1.5+4.2+7.1	1,17	3,28	5,55	---	---	4,29	10,00	11,30	0,76	2,49	2,90	3,48	11,40	13,27	95	4,03	A	A+	4,24	6,46	2132	1,48
	1.5+5.0+5.0	1,30	4,35	4,35	---	---	3,92	10,00	11,17	0,71	2,50	2,96	3,23	11,45	13,53	95	4,00	A	A+	4,19	6,46	2156	1,52
	1.5+5.0+6.0	1,20	4,00	4,80	---	---	4,21	10,00	11,41	0,71	2,46	2,87	3,27	11,26	13,14	95	4,08	A	A+	4,22	6,46	2140	1,5
	1.5+5.0+7.1	1,10	3,68	5,22	---	---	4,53	10,00	11,44	0,79	2,41	2,85	3,61	11,03	13,05	95	4,16	A	A+	4,25	6,46	2125	1,48
	1.5+6.0+6.0	1,11	4,44	4,44	---	---	4,50	10,00	11,65	0,72	2,42	2,78	3,31	11,08	12,74	95	4,14	A	A+	4,24	6,46	2133	1,49
	1.5+6.0+7.1	1,32	3,97	4,70	---	---	4,81	10,00	11,68	0,79	2,40	2,77	3,61	10,99	12,70	95	4,18	A	A+	4,26	6,46	2119	1,48

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
	2.0+2.0+2.0	2,50	2,50	2,50	---	---	2,33	7,50	9,02	0,50	1,77	2,23	2,28	8,11	10,19	95	4,24	A	A+	4,03	4,80	1665	0,81
	2.0+2.0+2.5	2,46	2,46	3,08	---	---	2,48	8,00	9,58	0,52	1,92	2,48	2,37	8,79	11,34	95	4,18	A	A+	4,04	4,80	1660	0,8
	2.0+2.0+3.5	2,40	2,40	4,20	---	---	2,77	9,00	10,29	0,56	2,27	2,77	2,58	10,39	12,70	95	3,98	A	A+	4,06	5,60	1931	1,15
	2.0+2.0+4.2	2,29	2,29	4,81	---	---	2,97	9,40	10,29	0,60	2,47	2,77	2,75	11,31	12,70	95	3,81	A	A+	4,07	5,60	1925	1,14
	2.0+2.0+5.0	2,22	2,22	5,56	---	---	3,20	10,00	10,90	0,61	2,76	2,95	2,80	12,64	13,49	95	3,63	A	A+	4,16	6,46	2174	1,52
	2.0+2.0+6.0	2,00	2,00	6,00	---	---	3,49	10,00	11,14	0,62	2,72	2,92	2,84	12,45	13,36	95	3,68	A	A+	4,19	6,46	2158	1,5
	2.0+2.0+7.1	1,80	1,80	6,40	---	---	3,80	10,00	11,18	0,66	2,67	2,91	3,01	12,22	13,31	95	3,75	A	A+	4,22	6,46	2142	1,48
	2.0+2.5+2.5	2,43	3,04	3,04	---	---	2,62	8,50	9,58	0,54	2,15	2,48	2,45	9,84	11,34	95	3,97	A	A+	4,07	5,00	1716	0,89
	2.0+2.5+3.5	2,33	2,91	4,07	---	---	2,92	9,30	10,29	0,58	2,45	2,77	2,67	11,22	12,70	95	3,80	A	A+	4,09	5,60	1913	1,14
	2.0+2.5+4.2	2,30	2,87	4,83	---	---	3,12	10,00	10,77	0,63	2,77	3,00	2,88	12,68	13,71	95	3,62	A	A+	4,11	5,60	1908	1,14
	2.0+2.5+5.0	2,11	2,63	5,26	---	---	3,35	10,00	10,90	0,63	2,73	2,95	2,88	12,50	13,49	95	3,67	A	A+	4,19	6,46	2154	1,51
	2.0+2.5+6.0	1,90	2,38	5,71	---	---	3,63	10,00	11,14	0,64	2,68	2,92	2,93	12,27	13,36	95	3,74	A	A+	4,22	6,46	2139	1,49
	2.0+2.5+7.1	1,72	2,16	6,12	---	---	3,95	10,00	11,18	0,69	2,66	2,91	3,14	12,18	13,31	95	3,77	A	A+	4,25	6,46	2124	1,48
	2.0+3.5+3.5	2,22	3,89	3,89	---	---	3,20	10,00	10,77	0,65	2,76	3,00	2,97	12,64	13,71	95	3,63	A	A+	4,25	6,46	2126	1,52
	2.0+3.5+4.2	2,06	3,61	4,33	---	---	3,41	10,00	10,97	0,68	2,75	3,10	3,10	12,59	14,19	95	3,64	A	A+	4,26	6,46	2120	1,52
	2.0+3.5+5.0	1,90	3,33	4,76	---	---	3,63	10,00	11,34	0,68	2,73	3,17	3,10	12,50	14,50	95	3,67	A	A+	4,32	6,46	2090	1,51
	2.0+3.5+6.0	1,74	3,04	5,22	---	---	3,92	10,00	11,15	0,69	2,68	2,92	3,14	12,27	13,36	95	3,74	A	A+	4,35	6,46	2076	1,49
	2.0+3.5+7.1	1,59	2,78	5,63	---	---	4,23	10,00	11,18	0,76	2,72	2,91	3,48	12,45	13,31	95	3,69	A	A+	4,38	6,46	2062	1,47
	2.0+4.2+4.2	1,92	4,04	4,04	---	---	3,60	10,00	10,98	0,70	2,73	3,10	3,18	12,50	14,19	95	3,67	A	A+	4,28	6,46	2113	1,52
	2.0+4.2+5.0	1,79	3,75	4,46	---	---	3,84	10,00	11,35	0,72	2,71	3,17	3,31	12,41	14,50	95	3,70	A	A+	4,34	6,46	2084	1,51
	2.0+4.2+6.0	1,64	3,44	4,92	---	---	4,12	10,00	11,16	0,73	2,60	2,92	3,36	11,90	13,36	95	3,85	A	A+	4,37	6,46	2069	1,49
	2.0+4.2+7.1	1,50	3,16	5,34	---	---	4,44	10,00	11,19	0,78	2,55	2,90	3,57	11,68	13,27	95	3,92	A	A+	4,40	6,46	2055	1,47
	2.0+5.0+5.0	1,67	4,17	4,17	---	---	4,07	10,00	11,06	0,75	2,59	2,96	3,44	11,86	13,53	95	3,87	A	A+	4,35	6,46	2077	1,5
	2.0+5.0+6.0	1,54	3,85	4,62	---	---	4,36	10,00	11,29	0,74	2,55	2,87	3,40	11,68	13,14	95	3,92	A	A+	4,38	6,46	2063	1,48
	2.0+5.0+7.1	1,42	3,55	5,04	---	---	4,67	10,00	11,33	0,81	2,53	2,85	3,70	11,58	13,05	95	3,95	A	A+	4,41	6,46	2049	1,46
	2.0+6.0+6.0	1,43	4,29	4,29	---	---	4,64	10,00	11,53	0,77	2,44	2,78	3,53	11,17	12,74	95	4,11	A	A+	4,39	6,46	2057	1,48
	2.0+6.0+7.1	1,32	3,97	4,70	---	---	4,96	10,00	11,56	0,82	2,39	2,77	3,74	10,94	12,70	95	4,20	A	A+	4,42	6,46	2043	1,46
	2.5+2.5+2.5	3,33	3,33	3,33	---	---	2,77	10,00	10,28	0,56	2,67	2,77	2,58	12,22	12,70	95	3,76	A	A+	4,09	5,00	1709	0,88
	2.5+2.5+3.5	2,94	2,94	4,12	---	---	3,06	10,00	10,29	0,63	2,63	2,77	2,88	12,04	12,70	95	3,81	A	A+	4,11	5,60	1906	1,13
	2.5+2.5+4.2	2,72	2,72	4,57	---	---	3,26	10,00	10,77	0,65	2,61	3,00	2,97	11,95	13,71	95	3,84	A	A+	4,12	5,60	1900	1,13
	2.5+2.5+5.0	2,50	2,50	5,00	---	---	3,49	10,00	11,33	0,66	2,51	3,17	3,01	11,49	14,50	95	4,00	A	A+	4,20	6,46	2152	1,5
	2.5+2.5+6.0	2,27	2,27	5,45	---	---	3,77	10,00	11,14	0,67	2,46	2,92	3,05	11,26	13,36	95	4,07	A	A+	4,23	6,46	2136	1,48
	2.5+2.5+7.1	2,07	2,07	5,87	---	---	4,09	10,00	11,18	0,73	2,41	2,91	3,36	11,03	13,31	95	4,15	A	A+	4,26	6,46	2121	1,46
	2.5+3.5+3.5	2,63	3,68	3,68	---	---	3,35	10,00	11,19	0,68	2,57	3,22	3,10	11,77	14,72	95	3,90	A	A+	4,15	6,46	2176	1,51
	2.5+3.5+4.2	2,45	3,43	4,12	---	---	3,55	10,00	11,20	0,70	2,55	3,22	3,18	11,68	14,72	95	3,93	A	A+	4,16	6,46	2170	1,51
	2.5+3.5+5.0	2,27	3,18	4,55	---	---	3,77	10,00	11,34	0,71	2,45	3,17	3,23	11,22	14,50	95	4,09	A	A+	4,22	6,46	2139	1,49
	2.5+3.5+6.0	2,08	2,92	5,00	---	---	4,07	10,00	11,15	0,71	2,40	2,92	3,27	10,99	13,36	95	4,17	A	A+	4,25	6,46	2124	1,48
	2.5+3.5+7.1	1,91	2,67	5,42	---	---	4,39	10,00	11,18	0,78	2,36	2,91	3,57	10,81	13,31	95	4,25	A	A+	4,28	6,46	2110	1,46
	2.5+4.2+4.2	2,29	3,85	3,85	---	---	3,75	10,00	11,20	0,72	2,53	3,22	3,31	11,58	14,72	95	3,96	A	A+	4,18	6,46	2163	1,5
5MXM90N2V1B	2.5+4.2+5.0	2,14	3,59	4,27	---	---	3,98	10,00	11,35	0,75	2,43	3,17	3,44	11,13	14,50	95	4,12	A	A+	4,24	6,46	2133	1,49
	2.5+4.2+6.0	1,97	3,31	4,72	---	---	4,26	10,00	11,16	0,76	2,39	2,92	3,48	10,94	13,36	95	4,20	A	A+	4,27	6,46	2118	1,47
	2.5+4.2+7.1	1,81	3,04	5,14	---	---	4,58	10,00	11,19	0,81	2,34	2,90	3,70	10,71	13,27	95	4,28	A	A+	4,30	6,46	2103	1,45
	2.5+5.0+5.0	2,00	4,00	4,00	---	---	4,21	10,00	11,06	0,78	2,41	2,96	3,57	11,03	13,53	95	4,15	A	A+	4,25	6,46	2126	1,49
	2.5+5.0+6.0	1,85	3,70	4,44	---	---	4,50	10,00	11,29	0,79	2,37	2,87	3,61	10,85	13,14	95	4,23	A	A+	4,28	6,46	2111	1,47
	2.5+5.0+7.1	1,71	3,42	4,86	---	---	4,81	10,00	11,33	0,84	2,33	2,85	3,83	10,67	13,05	95	4,31	A	A+	4,31	6,46	2097	1,45
	2.5+6.0+6.0	1,72	4,14	4,14	---	---	4,78	10,00	11,53	0,80	2,35	2,78	3,66	10,76	12,74	95	4,26	A	A+	4,29	6,46	2105	1,46
	2.5+6.0+7.1	1,60	3,85	4,55	---	---	5,10	10,00	11,56	0,85	2,31	2,77	3,87	10,58	12,70	95	4,34	A	A+	4,32	6,46	2091	1,45
	3.5+3.5+3.5	3,33	3,33	3,33	---	---	3,63	10,00	11,19	0,72	2,66	3,22	3,31	12,18	14,72	95	3,77	A	A+	4,28	6,46	2111	1,48
	3.5+3.5+4.2	3,13	3,13	3,75	---	---	3,84	10,00	11,20	0,75	2,63	3,22	3,44	12,04	14,72	95	3,80	A	A+	4,29	6,46	2105	1,48
	3.5+3.5+5.0	2,92	2,92	4,17	---	---	4,07	10,00	11,35	0,78	2,53	3,17	3,57	11,58	14,50	95	3,96	A	A+	4,35	6,46	2076	1,47
	3.5+3.5+6.0	2,69	2,69	4,62	---	---	4,36	10,00	11,16	0,79	2,48	2,92	3,61	11,36	13,36	95	4,04	A	A+	4,38	6,46	2062	1,45
	3.5+3.5+7.1	2,48	2,48	5,04	---	---	4,67	10,00	11,19	0,84	2,43	2,90	3,83	11,13	13,27	95	4,12	A	A+	4,41	6,46	2048	1,43
	3.5+4.2+4.2	2,94	3,53	3,53	---	---	4,04	10,00	11,21	0,80	2,61	3,21	3,66	11,95	14,67	95	3,84	A	A+	4,31	6,46	2098	1,48
	3.5+4.2+5.0	2,76	3,31	3,94	---	---	4,26	10,00	10,93	0,80	2,51	3,00	3,66	11,49	13,71	95	4,00	A	A+	4,37	6,46	2070	1,46
	3.5+4.2+6.0	2,55	3,07	4,38	---	---	4,55	10,00	11,17	0,82	2,46	2,91	3,74	11,26	13,31	95	4,07	A	A+	4,40	6,46	2055	1,45
	3.5+4.2+7.1	2,36	2,84	4,80	---	---	4,88	10,00	11,20	0,89	2,41	2,90	4,09	11,03	13,27	95	4,15	A	A+	4,43	6,46	2042	1,43
	3.5+5.0+5.0	2,59	3,70	3,70	---	---	4,50	10,00	11,07	0,84	2,49	2,95	3,83	11,40	13,49	95	4,03	A	A+	4,38	6,46	2063	1,46
	3.5+5.0+6.0	2,41	3,45	4,14	---	---	4,78	10,00	11,29	0,85	2,44	2,86	3,87	11,17	13,09	95	4,11	A	A+	4,41	6,46	2049	1,44
	3.5+5.0+7.1	2,24	3,21	4,55	---	---	5,10	10,00	11,34	0,89	2,39	2,85	4,09	10,94	13,05	95	4,19	A	A+	4,44	6,46	2036	1,42
	3.5+6.0+6.0	2,26	3,87	3,87	---	---	5,07	10,00	11,53	0,86	2,42	2,78	3,91	11,08	12,74	95	4,14	A	A+	4,42	6,46	2043	1,44
	4.2+4.2+4.2	3,33	3,33	3,33	---	---	4,23	10,00	11,22	0,83	2,59	3,21	3,79	11,86	14,67	95	3,87	A	A+	4,32	6,46	2091	1,47
	4.2+4.2+5.0	3,13	3,13	3,73	---	---	4,47	10,00	10,94	0,86	2,49	3,00	3,91	11,40	13,71	95	4,03	A	A+	4,38	6,46	2063	1,46
	4.2+4.2+6.0	2,92	2,92	4,17	---	---	4,75	10,00	11,18	0,86	2,44	2,91	3,96	11,17	13,31	95	4,11	A	A+	4,41	6,46	2049	1,44
	4.2+4.2+7.1	2,71	2,71	4,58	---	---	5,07	10,00	11,21	0,92	2,39	2,90	4,22	10,94	13,27	95	4,19	A	A+	4,44	6,46	2036	1,42
	4.2+5.0+5.0	2,96	3,52	3,52	---	---	4,70	10,00	11,07	0,86	2,47	2,95	3,91	11,31	13,49	95	4,06	A	A+	4,39	6,46	2057	1,46
	4.2+5.0+6.0	2,76	3,29	3,95	---	---	4,99	10,00	11,30	0,87	2,42	2,86	4,00	11,08	13,09	95	4,14	A	A+	4,42	6,46	2043	1,44
	5.0+5.0+5.0	3,33	3,33	3,33	---	---	4,93	10,00	11,20	0,89	2,45	2,90	4,09	11,22	13,27	95	4,09	A	A+	4,41	6,46	2051	1,45
	1.5+1.5+1.5+1.5	1,83	1,83	1,83	1,83	---	2,33	7,30	9,17	0,43	1,71	2,15	1,98	7,83	9,84	95	4,29	A	A+	4,01	6,46	2252	1,5
	1.5+1.5+1.5+2.0	1,85	1,85	1,85	2,46	---	2,48	8,00	9,80	0,45	1,93	2,34	2,06	8,84	10,72	95	4,15	A	A+	4,03	6,46	2242	1,49
	1.5+1.5+1.5+2.5	1,82	1,82	1,82	3,04	---	2,63	8,50	9,80	0,47	2,07	2,34	2,15	9,48	10,72	95	4,11	A	A+	4,05	6,46	2233	1,49
	1.5+1.5+1.5+3.5	1,74	1,74	1,74	4,07	---	2,92	9,30	10,60	0,51	2,32	2,64	2,32	10,62	12,08	95	4,02	A	A+	4,08	6,46	2214	1,48
	1.5+1.5+1.5+4.2	1,72	1,72	1,72	4,83	---	3,12	10,00	11,17	0,55	2,60	2,91	2,54	11,90	13,31	95	3,85	A	A+	4,08	6,46	2216	1,48
	1.5+1.5+1.5+5.0	1,58	1,58	1,58	5,26	---	3,35	10,00	11,29	0,55	2,50	2,86	2,54	11,45	13,09	95	4,01	A	A+	4,15	6,46	2179	1,47
	1.5+1.5+1.5+6.0	1,43	1,43	1,43	5,71	---	3,63	10,00	11,53	0,56	2,45	2,78	2,58	11,22	12,74	95	4,09	A	A+	4,18	6,46	2161	1,46
	1.5+1.5+1.5+7.1	1,29	1,29	1,29	6,12	---	3,95	10,00	11,56	0,62	2,40	2,76	2,84	10,99	12,65	95	4,18	A	A+	4,21	6,46	2145	1,46
	1.5+1.5+2.0+2.0	1,82	1,82	2,43	2,43	---	2,63	8,50	9,80	0,47	2,04	2,34	2,15	9,34	10,72	95	4,18	A	A+	4,13	6,46	2187	1,49
	1.5+1.5+2.0+2.5	1,80	1,80	2,40	3,00	---	2,77	9,00	10,59	0,49	2,19	2,65	2,24	10,03	12,13	95	4,12	A	A+	4,15	6,46	2178	1,49
	1.5+1.5+2.0+3.5	1,76	1,76	2,35	4,12	---	3,06	10,00	10,60	0,55	2,52	2,64	2,54	11,54	12,08	95	3,98	A	A+	4,18	6,46	2160	1,48
	1.5+1.5+2.0+4.2	1,63	1,63	2,17	4,57	---	3,26	10,00	11,17	0,57	2,50	2,91	2,62	11,45	13,31	95	4,01	A	A+	4,18	6,46	2163	1,48

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
	1.5+1.5+2.0+5.0	1,50	1,50	2,00	5,00	---	3,49	10,00	11,29	0,60	2,40	2,86	2,75	10,99	13,09	95	4,18	A	A+	4,25	6,46	2128	1,46
	1.5+1.5+2.0+6.0	1,36	1,36	1,82	5,45	---	3,77	10,00	11,53	0,58	2,35	2,78	2,67	10,76	12,74	95	4,26	A	A+	4,28	6,46	2112	1,46
	1.5+1.5+2.0+7.1	1,24	1,24	1,65	5,87	---	4,09	10,00	11,56	0,65	2,31	2,76	2,97	10,58	12,65	95	4,34	A	A+	4,31	6,46	2096	1,46
	1.5+1.5+2.5+2.5	1,88	1,88	3,13	3,13	---	2,92	10,00	10,59	0,54	2,54	2,65	2,45	11,63	12,13	95	3,95	A	A+	4,17	6,46	2168	1,48
	1.5+1.5+2.5+3.5	1,67	1,67	2,78	3,89	---	3,20	10,00	11,16	0,57	2,50	2,92	2,62	11,45	13,36	95	4,01	A	A+	4,18	6,46	2162	1,48
	1.5+1.5+2.5+4.2	1,55	1,55	2,58	4,33	---	3,41	10,00	11,17	0,59	2,48	2,91	2,71	11,36	13,31	95	4,05	A	A+	4,19	6,46	2154	1,47
	1.5+1.5+2.5+5.0	1,43	1,43	2,38	4,76	---	3,63	10,00	11,29	0,62	2,38	2,86	2,84	10,90	13,09	95	4,21	A	A+	4,26	6,46	2120	1,46
	1.5+1.5+2.5+6.0	1,30	1,30	2,17	5,22	---	3,92	10,00	11,53	0,63	2,34	2,78	2,88	10,71	12,74	95	4,29	A	A+	4,30	6,46	2104	1,46
	1.5+1.5+2.5+7.1	1,19	1,19	1,98	5,63	---	4,23	10,00	11,56	0,67	2,29	2,76	3,05	10,49	12,65	95	4,37	A	A+	4,33	6,46	2088	1,45
	1.5+1.5+3.5+3.5	1,50	1,50	3,50	3,50	---	3,49	10,00	11,17	0,62	2,48	2,91	2,84	11,36	13,31	95	4,05	A	A+	4,20	6,46	2154	1,47
	1.5+1.5+3.5+4.2	1,40	1,40	3,27	3,93	---	3,69	10,00	11,17	0,64	2,46	2,91	2,93	11,26	13,31	95	4,08	A	A+	4,21	6,46	2146	1,47
	1.5+1.5+3.5+5.0	1,30	1,30	3,04	4,35	---	3,92	10,00	11,30	0,67	2,36	2,86	3,05	10,81	13,09	95	4,24	A	A+	4,28	6,46	2112	1,46
	1.5+1.5+3.5+6.0	1,20	1,20	2,80	4,80	---	4,21	10,00	11,54	0,68	2,32	2,77	3,10	10,62	12,70	95	4,32	A	A+	4,31	6,46	2096	1,45
	1.5+1.5+3.5+7.1	1,10	1,10	2,57	5,22	---	4,53	10,00	11,58	0,74	2,28	2,76	3,40	10,44	12,65	95	4,40	A	A+	4,34	6,46	2080	1,45
	1.5+1.5+4.2+4.2	1,32	1,32	3,68	3,68	---	3,90	10,00	11,18	0,69	2,44	2,91	3,14	11,17	13,31	95	4,11	A	A+	4,23	6,46	2137	1,46
	1.5+1.5+4.2+5.0	1,23	1,23	3,44	4,10	---	4,12	10,00	11,32	0,71	2,34	2,86	3,27	10,71	13,09	95	4,27	A	A+	4,30	6,46	2103	1,45
	1.5+1.5+4.2+6.0	1,14	1,14	3,18	4,55	---	4,41	10,00	11,55	0,72	2,30	2,77	3,31	10,53	12,70	95	4,36	A	A+	4,33	6,46	2088	1,45
	1.5+1.5+4.2+7.1	1,05	1,05	2,94	4,97	---	4,72	10,00	11,59	0,76	2,26	2,76	3,48	10,35	12,65	95	4,44	A	A+	4,36	6,46	2072	1,45
	1.5+1.5+5.0+5.0	1,15	1,15	3,85	3,85	---	4,36	10,00	11,45	0,71	2,33	2,81	3,27	10,67	12,87	95	4,31	A	A+	4,31	6,46	2095	1,45
	1.5+1.5+5.0+6.0	1,07	1,07	3,57	4,29	---	4,64	10,00	11,68	0,72	2,28	2,78	3,31	10,44	12,74	95	4,39	A	A+	4,34	6,46	2080	1,45
	1.5+1.5+5.0+7.1	0,99	0,99	3,31	4,70	---	4,96	10,00	11,72	0,79	2,24	2,76	3,61	10,26	12,65	95	4,47	A	A+	4,38	6,46	2065	1,44
	1.5+1.5+6.0+6.0	1,00	1,00	4,00	4,00	---	4,93	10,00	11,92	0,75	2,27	2,70	3,44	10,39	12,35	95	4,42	A	A+	4,36	6,46	2072	1,44
	1.5+2.0+2.0+2.0	1,90	2,53	2,53	2,53	---	2,77	9,50	10,59	0,49	2,31	2,65	2,24	10,58	12,13	95	4,11	A	A+	4,15	6,46	2176	1,48
	1.5+2.0+2.0+2.5	1,88	2,50	2,50	3,13	---	2,92	10,00	10,59	0,54	2,42	2,65	2,45	11,08	12,13	95	4,15	A	A+	4,17	6,46	2167	1,48
	1.5+2.0+2.0+3.5	1,67	2,22	2,22	3,89	---	3,20	10,00	11,16	0,57	2,40	2,92	2,62	10,99	13,36	95	4,18	A	A+	4,18	6,46	2161	1,47
	1.5+2.0+2.0+4.2	1,55	2,06	2,06	4,33	---	3,41	10,00	11,17	0,59	2,38	2,91	2,71	10,90	13,31	95	4,21	A	A+	4,20	6,46	2153	1,47
	1.5+2.0+2.0+5.0	1,43	1,90	1,90	4,76	---	3,63	10,00	11,29	0,62	2,35	2,86	2,84	10,76	13,09	95	4,26	A	A+	4,26	6,46	2119	1,46
	1.5+2.0+2.0+6.0	1,30	1,74	1,74	5,22	---	3,92	10,00	11,53	0,63	2,31	2,78	2,88	10,58	12,74	95	4,34	A	A+	4,30	6,46	2103	1,45
	1.5+2.0+2.0+7.1	1,19	1,59	1,59	5,63	---	4,23	10,00	11,56	0,67	2,29	2,76	3,05	10,49	12,65	95	4,38	A	A+	4,33	6,46	2087	1,45
	1.5+2.0+2.5+2.5	1,76	2,35	2,94	2,94	---	3,06	10,00	10,59	0,55	2,51	2,65	2,54	11,49	12,13	95	3,99	A	A+	4,19	6,46	2158	1,48
	1.5+2.0+2.5+3.5	1,58	2,11	2,63	3,68	---	3,35	10,00	11,16	0,59	2,47	2,92	2,71	11,31	13,36	95	4,05	A	A+	4,20	6,46	2153	1,47
	1.5+2.0+2.5+4.2	1,47	1,96	2,45	4,12	---	3,55	10,00	11,17	0,62	2,45	2,91	2,84	11,22	13,31	95	4,09	A	A+	4,21	6,46	2145	1,46
	1.5+2.0+2.5+5.0	1,36	1,82	2,27	4,55	---	3,77	10,00	11,29	0,64	2,36	2,86	2,93	10,81	13,09	95	4,25	A	A+	4,28	6,46	2111	1,45
	1.5+2.0+2.5+6.0	1,25	1,67	2,08	5,00	---	4,07	10,00	11,53	0,65	2,31	2,78	2,97	10,58	12,74	95	4,33	A	A+	4,31	6,46	2095	1,45
	1.5+2.0+2.5+7.1	1,15	1,53	1,91	5,42	---	4,39	10,00	11,56	0,70	2,27	2,76	3,18	10,39	12,65	95	4,41	A	A+	4,35	6,46	2079	1,45
	1.5+2.0+3.5+3.5	1,43	1,90	3,33	3,33	---	3,63	10,00	11,17	0,64	2,45	2,91	2,93	11,22	13,31	95	4,09	A	A+	4,21	6,46	2144	1,46
	1.5+2.0+3.5+4.2	1,34	1,79	3,13	3,75	---	3,84	10,00	11,17	0,69	2,43	2,91	3,14	11,13	13,31	95	4,12	A	A+	4,23	6,46	2136	1,46
	1.5+2.0+3.5+5.0	1,25	1,67	2,92	4,17	---	4,07	10,00	11,30	0,69	2,34	2,86	3,14	10,71	13,09	95	4,28	A	A+	4,30	6,46	2102	1,45
	1.5+2.0+3.5+6.0	1,15	1,54	2,69	4,62	---	4,36	10,00	11,54	0,70	2,30	2,77	3,18	10,53	12,70	95	4,36	A	A+	4,33	6,46	2087	1,45
5MXM90N2V1B	1.5+2.0+3.5+7.1	1,06	1,42	2,48	5,04	---	4,67	10,00	11,58	0,76	2,25	2,76	3,48	10,30	12,65	95	4,45	A	A+	4,36	6,46	2071	1,44
	1.5+2.0+4.2+4.2	1,26	1,68	3,53	3,53	---	4,04	10,00	11,18	0,71	2,41	2,91	3,23	11,03	13,31	95	4,15	A	A+	4,25	6,46	2128	1,46
	1.5+2.0+4.2+5.0	1,18	1,57	3,31	3,94	---	4,26	10,00	11,32	0,73	2,32	2,86	3,36	10,62	13,09	95	4,31	A	A+	4,31	6,46	2094	1,45
	1.5+2.0+4.2+6.0	1,09	1,46	3,07	4,38	---	4,55	10,00	11,55	0,74	2,28	2,77	3,40	10,44	12,70	95	4,40	A	A+	4,35	6,46	2079	1,44
	1.5+2.0+4.2+7.1	1,01	1,35	2,84	4,80	---	4,88	10,00	11,59	0,79	2,24	2,76	3,61	10,26	12,65	95	4,48	A	A+	4,38	6,46	2064	1,44
	1.5+2.0+5.0+5.0	1,11	1,48	3,70	3,70	---	4,50	10,00	11,45	0,74	2,31	2,81	3,40	10,58	12,87	95	4,35	A	A+	4,33	6,46	2086	1,44
	1.5+2.0+5.0+6.0	1,03	1,38	3,45	4,14	---	4,78	10,00	11,68	0,77	2,26	2,78	3,53	10,35	12,74	95	4,43	A	A+	4,36	6,46	2071	1,44
	1.5+2.0+5.0+7.1	0,96	1,28	3,21	4,55	---	5,10	10,00	11,72	0,82	2,22	2,76	3,74	10,17	12,65	95	4,51	A	A+	4,40	6,46	2056	1,43
	1.5+2.0+6.0+6.0	0,97	1,29	3,87	3,87	---	5,07	10,00	11,92	0,78	2,25	2,70	3,57	10,30	12,35	95	4,46	A	A+	4,38	6,46	2063	1,43
	1.5+2.5+2.5+2.5	1,67	2,78	2,78	2,78	---	3,20	10,00	11,15	0,57	2,49	2,92	2,62	11,40	13,36	95	4,02	A	A+	4,19	6,46	2158	1,46
	1.5+2.5+2.5+3.5	1,50	2,50	2,50	3,50	---	3,49	10,00	11,16	0,62	2,45	2,92	2,84	11,22	13,36	95	4,09	A	A+	4,22	6,46	2143	1,45
	1.5+2.5+2.5+4.2	1,40	2,34	2,34	3,93	---	3,69	10,00	11,17	0,64	2,43	2,91	2,93	11,13	13,31	95	4,12	A	A+	4,23	6,46	2135	1,45
	1.5+2.5+2.5+5.0	1,30	2,17	2,17	4,35	---	3,92	10,00	11,29	0,67	2,34	2,86	3,05	10,71	13,09	95	4,28	A	A+	4,30	6,46	2101	1,44
	1.5+2.5+2.5+6.0	1,20	2,00	2,00	4,80	---	4,21	10,00	11,53	0,68	2,30	2,78	3,10	10,53	12,74	95	4,36	A	A+	4,33	6,46	2085	1,43
	1.5+2.5+2.5+7.1	1,10	1,84	1,84	5,22	---	4,53	10,00	11,56	0,74	2,25	2,76	3,40	10,30	12,65	95	4,45	A	A+	4,36	6,46	2070	1,43
	1.5+2.5+3.5+3.5	1,36	2,27	3,18	3,18	---	3,77	10,00	11,17	0,67	2,43	2,91	3,05	11,13	13,31	95	4,12	A	A+	4,23	6,46	2134	1,45
	1.5+2.5+3.5+4.2	1,28	2,14	2,99	3,59	---	3,98	10,00	11,17	0,71	2,41	2,91	3,27	11,03	13,31	95	4,15	A	A+	4,25	6,46	2127	1,45
	1.5+2.5+3.5+5.0	1,20	2,00	2,80	4,00	---	4,21	10,00	11,30	0,71	2,32	2,86	3,27	10,62	13,09	95	4,31	A	A+	4,32	6,46	2093	1,43
	1.5+2.5+3.5+6.0	1,11	1,85	2,59	4,44	---	4,50	10,00	11,54	0,72	2,28	2,77	3,31	10,44	12,70	95	4,40	A	A+	4,35	6,46	2078	1,43
	1.5+2.5+3.5+7.1	1,03	1,71	2,40	4,86	---	4,81	10,00	11,58	0,79	2,24	2,76	3,61	10,26	12,65	95	4,48	A	A+	4,38	6,46	2062	1,43
	1.5+2.5+4.2+4.2	1,21	2,02	3,39	3,39	---	4,18	10,00	11,18	0,73	2,40	2,91	3,36	10,99	13,31	95	4,18	A	A+	4,27	6,46	2118	1,44
	1.5+2.5+4.2+5.0	1,14	1,89	3,18	3,79	---	4,41	10,00	11,32	0,76	2,31	2,86	3,48	10,58	13,09	95	4,35	A	A+	4,33	6,46	2085	1,43
	1.5+2.5+4.2+6.0	1,06	1,76	2,96	4,23	---	4,70	10,00	11,55	0,77	2,26	2,77	3,53	10,35	12,70	95	4,43	A	A+	4,37	6,46	2070	1,43
	1.5+2.5+4.2+7.1	0,98	1,63	2,75	4,64	---	5,02	10,00	11,59	0,85	2,22	2,76	3,87	10,17	12,65	95	4,51	A	A+	4,40	6,46	2055	1,42
	1.5+2.5+5.0+5.0	1,07	1,79	3,57	3,57	---	4,18	10,00	11,18	0,73	2,29	2,91	3,36	10,49	13,31	95	4,38	A	A+	4,35	6,46	2077	1,43
	1.5+2.5+5.0+6.0	1,00	1,67	3,33	4,00	---	4,41	10,00	11,32	0,76	2,25	2,86	3,48	10,30	13,09	95	4,46	A	A+	4,38	6,46	2062	1,42
	1.5+3.5+3.5+3.5	1,25	2,92	2,92	2,92	---	4,07	10,00	11,17	0,71	2,43	2,91	3,27	11,13	13,31	95	4,12	A	A+	4,24	6,46	2132	1,42
	1.5+3.5+3.5+4.2	1,18	2,76	2,76	3,31	---	4,26	10,00	11,18	0,76	2,41	2,91	3,48	11,03	13,31	95	4,15	A	A+	4,25	6,46	2124	1,41
	1.5+3.5+3.5+5.0	1,11	2,59	2,59	3,70	---	4,50	10,00	11,32	0,79	2,32	2,86	3,61	10,62	13,09	95	4,31	A	A+	4,32	6,46	2091	1,4
	1.5+3.5+3.5+6.0	1,03	2,41	2,41	4,14	---	4,78	10,00	11,55	0,80	2,28	2,77	3,66	10,44	12,70	95	4,40	A	A+	4,35	6,46	2075	1,4
	1.5+3.5+3.5+7.1	0,96	2,24	2,24	4,55	---	5,10	10,00	11,59	0,85	2,24	2,76	3,87	10,26	12,65	95	4,48	A	A+	4,39	6,46	2060	1,39
	1.5+3.5+4.2+4.2	1,12	2,61	3,13	3,13	---	4,47	10,00	11,19	0,78	2,40	2,90	3,57	10,99	13,27	95	4,18	A	A+	4,27	6,46	2116	1,41
	1.5+3.5+4.2+5.0	1,06	2,46	2,96	3,52	---	4,70	10,00	11,33	0,81	2,31	2,86	3,70	10,58	13,09	95	4,35	A	A+	4,34	6,46	2083	1,4
	1.5+3.5+4.2+6.0	0,99	2,30	2,76	3,95	---	4,99	10,00	11,56	0,82	2,26	2,77	3,74	10,35	12,70	95	4,43	A	A+	4,37	6,46	2067	1,39
	1.5+3.5+5.0+5.0	1,00	2,33	3,33	3,33	---	4,93	10,00	11,45	0,85	2,29	2,81	3,87	10,49	12,87	95	4,38	A	A+	4,36	6,46	2075	1,39
	1.5+4.2+4.2+4.2	1,06	2,98	2,98	2,98	---	4,67	10,00	11,20	0,84	2,38	2,90	3,83	10,90	13,27	95	4,22	A	A+	4,29	6,46	2107	1,4
	1.5+4.2+4.2+5.0	1,01	2,82	2,82	3,36	---	4,90	10,00	11,34	0,86	2,29	2,85	3,96	10,49	13,05	95	4,38	A	A+	4,36	6,46	2075	1,39
	2.0+2.0+2.0+2.0	2,50	2,50	2,50	2,50	---	2,92	10,00	10,59	0,54	2,53	2,65	2,45	11,58	12,13	95	3,96	A	A+	4,17	6,46	2166	1,48
	2.0+2.0+2.0+2.5	2,35	2,35	2,35	2,94	---	3,06	10,00	10,59	0,55	2,51	2,65	2,54	11,49	12,13	95	3,99	A	A+	4,19	6,46	2157	1,47
	2.0+2.0+2.0+3.5	2,11	2,11	2,11	3,68	---	3,35	10,00	11,16	0,59	2,47	2,92	2,71	11,31	13,36	95	4,05	A	A+	4,20	6,46	2152	1,46

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
	2.0+2.0+2.0+4.2	1,96	1,96	1,96	4,12	---	3,55	10,00	11,17	0,62	2,45	2,91	2,84	11,22	13,31	95	4,09	A	A+	4,21	6,46	2144	1,46
	2.0+2.0+2.0+5.0	1,82	1,82	1,82	4,55	---	3,77	10,00	11,29	0,64	2,36	2,87	2,93	10,81	13,14	95	4,25	A	A+	4,28	6,46	2110	1,45
	2.0+2.0+2.0+6.0	1,67	1,67	1,67	5,00	---	4,07	10,00	11,53	0,65	2,31	2,78	2,97	10,58	12,74	95	4,33	A	A+	4,32	6,46	2094	1,45
	2.0+2.0+2.0+7.1	1,53	1,53	1,53	5,42	---	4,39	10,00	11,56	0,70	2,27	2,76	3,18	10,39	12,65	95	4,41	A	A+	4,35	6,46	2078	1,44
	2.0+2.0+2.5+2.5	2,22	2,22	2,78	2,78	---	3,20	10,00	11,15	0,57	2,49	2,92	2,62	11,40	13,36	95	4,02	A	A+	4,19	6,46	2159	1,47
	2.0+2.0+2.5+3.5	2,00	2,00	2,50	3,50	---	3,49	10,00	11,16	0,62	2,45	2,92	2,84	11,22	13,36	95	4,09	A	A+	4,22	6,46	2143	1,46
	2.0+2.0+2.5+4.2	1,87	1,87	2,34	3,93	---	3,69	10,00	11,17	0,64	2,43	2,91	2,93	11,13	13,31	95	4,12	A	A+	4,23	6,46	2135	1,46
	2.0+2.0+2.5+5.0	1,74	1,74	2,17	4,35	---	3,92	10,00	11,29	0,67	2,34	2,87	3,05	10,71	13,14	95	4,28	A	A+	4,30	6,46	2102	1,45
	2.0+2.0+2.5+6.0	1,60	1,60	2,00	4,80	---	4,21	10,00	11,53	0,68	2,30	2,78	3,10	10,53	12,74	95	4,36	A	A+	4,33	6,46	2086	1,44
	2.0+2.0+2.5+7.1	1,47	1,47	1,84	5,22	---	4,53	10,00	11,56	0,74	2,25	2,76	3,40	10,30	12,65	95	4,45	A	A+	4,36	6,46	2070	1,44
	2.0+2.0+3.5+3.5	1,82	1,82	3,18	3,18	---	3,77	10,00	11,17	0,67	2,43	2,91	3,05	11,13	13,31	95	4,12	A	A+	4,23	6,46	2135	1,46
	2.0+2.0+3.5+4.2	1,71	1,71	2,99	3,59	---	3,98	10,00	11,17	0,71	2,41	2,91	3,27	11,03	13,31	95	4,15	A	A+	4,25	6,46	2127	1,45
	2.0+2.0+3.5+5.0	1,60	1,60	2,80	4,00	---	4,21	10,00	11,30	0,71	2,32	2,86	3,27	10,62	13,09	95	4,31	A	A+	4,32	6,46	2093	1,44
	2.0+2.0+3.5+6.0	1,48	1,48	2,59	4,44	---	4,50	10,00	11,54	0,72	2,28	2,77	3,31	10,44	12,70	95	4,40	A	A+	4,35	6,46	2078	1,44
	2.0+2.0+3.5+7.1	1,37	1,37	2,40	4,86	---	4,81	10,00	11,58	0,79	2,24	2,76	3,61	10,26	12,65	95	4,48	A	A+	4,38	6,46	2063	1,43
	2.0+2.0+4.2+4.2	1,61	1,61	3,39	3,39	---	4,18	10,00	11,18	0,73	2,40	2,91	3,36	10,99	13,31	95	4,18	A	A+	4,26	6,46	2119	1,45
	2.0+2.0+4.2+5.0	1,52	1,52	3,18	3,79	---	4,41	10,00	11,32	0,76	2,31	2,86	3,48	10,58	13,09	95	4,35	A	A+	4,33	6,46	2085	1,44
	2.0+2.0+4.2+6.0	1,41	1,41	2,96	4,23	---	4,70	10,00	11,55	0,77	2,26	2,77	3,53	10,35	12,70	95	4,43	A	A+	4,37	6,46	2070	1,43
	2.0+2.0+4.2+7.1	1,31	1,31	2,75	4,64	---	5,02	10,00	11,59	0,85	2,22	2,76	3,87	10,17	12,65	95	4,51	A	A+	4,40	6,46	2055	1,43
	2.0+2.0+5.0+5.0	1,43	1,43	3,57	3,57	---	4,64	10,00	11,45	0,79	2,29	2,81	3,61	10,49	12,87	95	4,38	A	A+	4,35	6,46	2077	1,43
	2.0+2.0+5.0+6.0	1,33	1,33	3,33	4,00	---	4,93	10,00	11,68	0,80	2,25	2,78	3,66	10,30	12,74	95	4,46	A	A+	4,38	6,46	2062	1,43
	2.0+2.5+2.5+2.5	2,11	2,63	2,63	2,63	---	3,35	10,00	11,15	0,60	2,47	2,92	2,75	11,31	13,36	95	4,05	A	A+	4,20	6,46	2149	1,45
	2.0+2.5+2.5+3.5	1,90	2,38	2,38	3,33	---	3,63	10,00	11,16	0,64	2,43	2,92	2,93	11,13	13,36	95	4,12	A	A+	4,23	6,46	2134	1,45
	2.0+2.5+2.5+4.2	1,79	2,23	2,23	3,75	---	3,84	10,00	11,17	0,69	2,41	2,91	3,14	11,03	13,31	95	4,15	A	A+	4,25	6,46	2126	1,44
	2.0+2.5+2.5+5.0	1,67	2,08	2,08	4,17	---	4,07	10,00	11,29	0,69	2,32	2,87	3,14	10,62	13,14	95	4,31	A	A+	4,32	6,46	2093	1,43
	2.0+2.5+2.5+6.0	1,54	1,92	1,92	4,62	---	4,36	10,00	11,53	0,70	2,28	2,78	3,18	10,44	12,74	95	4,40	A	A+	4,35	6,46	2077	1,43
	2.0+2.5+2.5+7.1	1,42	1,77	1,77	5,04	---	4,67	10,00	11,56	0,77	2,24	2,76	3,53	10,26	12,65	95	4,48	A	A+	4,38	6,46	2062	1,42
	2.0+2.5+3.5+3.5	1,74	2,17	3,04	3,04	---	3,92	10,00	11,17	0,69	2,41	2,91	3,14	11,03	13,31	95	4,15	A	A+	4,25	6,46	2126	1,44
	2.0+2.5+3.5+4.2	1,64	2,05	2,87	3,44	---	4,12	10,00	11,17	0,73	2,40	2,91	3,36	10,99	13,31	95	4,18	A	A+	4,27	6,46	2118	1,44
	2.0+2.5+3.5+5.0	1,54	1,92	2,69	3,85	---	4,36	10,00	11,30	0,73	2,31	2,86	3,36	10,58	13,09	95	4,35	A	A+	4,33	6,46	2085	1,43
	2.0+2.5+3.5+6.0	1,43	1,79	2,50	4,29	---	4,64	10,00	11,54	0,77	2,26	2,77	3,53	10,35	12,70	95	4,43	A	A+	4,37	6,46	2070	1,42
	2.0+2.5+3.5+7.1	1,32	1,66	2,32	4,70	---	4,96	10,00	11,58	0,82	2,22	2,76	3,74	10,17	12,65	95	4,51	A	A+	4,40	6,46	2055	1,42
	2.0+2.5+4.2+4.2	1,55	1,94	3,26	3,26	---	4,32	10,00	11,18	0,76	2,38	2,91	3,48	10,90	13,31	95	4,22	A	A+	4,28	6,46	2110	1,43
	2.0+2.5+4.2+5.0	1,46	1,82	3,07	3,65	---	4,55	10,00	11,32	0,79	2,29	2,86	3,61	10,49	13,09	95	4,38	A	A+	4,35	6,46	2077	1,42
	2.0+2.5+4.2+6.0	1,36	1,70	2,86	4,08	---	4,85	10,00	11,55	0,80	2,25	2,77	3,66	10,30	12,70	95	4,46	A	A+	4,38	6,46	2062	1,42
	2.0+2.5+5.0+5.0	1,38	1,72	3,45	3,45	---	4,78	10,00	11,45	0,82	2,27	2,81	3,74	10,39	12,87	95	4,41	A	A+	4,37	6,46	2069	1,42
	2.0+2.5+5.0+6.0	1,29	1,61	3,23	3,87	---	5,07	10,00	11,68	0,83	2,23	2,78	3,79	10,21	12,74	95	4,49	A	A+	4,40	6,46	2054	1,42
	2.0+3.5+3.5+3.5	1,60	2,80	2,80	2,80	---	4,21	10,00	11,17	0,73	2,41	2,91	3,36	11,03	13,31	95	4,15	A	A+	4,26	6,46	2123	1,41
	2.0+3.5+3.5+4.2	1,52	2,65	2,65	3,18	---	4,41	10,00	11,18	0,79	2,40	2,91	3,61	10,99	13,31	95	4,18	A	A+	4,27	6,46	2115	1,4
5MXM90N2V1B	2.0+3.5+3.5+5.0	1,43	2,50	2,50	3,57	---	4,64	10,00	11,32	0,82	2,31	2,86	3,74	10,58	13,09	95	4,35	A	A+	4,34	6,46	2082	1,39
	2.0+3.5+3.5+6.0	1,33	2,33	2,33	4,00	---	4,93	10,00	11,55	0,82	2,26	2,77	3,74	10,35	12,70	95	4,43	A	A+	4,37	6,46	2067	1,39
	2.0+3.5+4.2+4.2	1,44	2,52	3,02	3,02	---	4,61	10,00	11,19	0,84	2,38	2,90	3,83	10,90	13,27	95	4,22	A	A+	4,29	6,46	2107	1,4
	2.0+3.5+4.2+5.0	1,36	2,38	2,86	3,40	---	4,85	10,00	11,33	0,84	2,29	2,86	3,83	10,49	13,09	95	4,38	A	A+	4,36	6,46	2075	1,39
	2.0+3.5+5.0+5.0	1,29	2,26	3,23	3,23	---	5,07	10,00	11,45	0,86	2,29	2,81	3,96	10,49	12,87	95	4,38	A	A+	4,36	6,46	2075	1,39
	2.0+4.2+4.2+4.2	1,37	2,88	2,88	2,88	---	4,81	10,00	11,20	0,86	2,36	2,90	3,96	10,81	13,27	95	4,25	A	A+	4,30	6,46	2099	1,4
	2.0+4.2+4.2+5.0	1,30	2,73	2,73	3,25	---	5,04	10,00	11,34	0,89	2,27	2,85	4,09	10,39	13,05	95	4,41	A	A+	4,37	6,46	2067	1,39
	2.5+2.5+2.5+2.5	2,50	2,50	2,50	2,50	---	3,49	10,00	11,15	0,62	2,45	2,92	2,84	11,22	13,36	95	4,09	A	A+	4,22	6,46	2141	1,45
	2.5+2.5+2.5+3.5	2,27	2,27	2,27	3,18	---	3,77	10,00	11,16	0,67	2,41	2,92	3,05	11,03	13,36	95	4,15	A	A+	4,25	6,46	2125	1,44
	2.5+2.5+2.5+4.2	2,14	2,14	2,14	3,59	---	3,98	10,00	11,17	0,71	2,40	2,91	3,27	10,99	13,31	95	4,18	A	A+	4,27	6,46	2118	1,43
	2.5+2.5+2.5+5.0	2,00	2,00	2,00	4,00	---	4,21	10,00	11,29	0,71	2,31	2,87	3,27	10,58	13,14	95	4,35	A	A+	4,33	6,46	2085	1,42
	2.5+2.5+2.5+6.0	1,85	1,85	1,85	4,44	---	4,50	10,00	11,53	0,72	2,26	2,78	3,31	10,35	12,74	95	4,43	A	A+	4,37	6,46	2069	1,42
	2.5+2.5+2.5+7.1	1,71	1,71	1,71	4,86	---	4,81	10,00	11,56	0,79	2,22	2,76	3,61	10,17	12,65	95	4,51	A	A+	4,40	6,46	2054	1,42
	2.5+2.5+3.5+3.5	2,08	2,08	2,92	2,92	---	4,07	10,00	11,17	0,71	2,40	2,91	3,27	10,99	13,31	95	4,18	A	A+	4,27	6,46	2117	1,43
	2.5+2.5+3.5+4.2	1,97	1,97	2,76	3,31	---	4,26	10,00	11,17	0,76	2,38	2,91	3,48	10,90	13,31	95	4,22	A	A+	4,28	6,46	2109	1,43
	2.5+2.5+3.5+5.0	1,85	1,85	2,59	3,70	---	4,50	10,00	11,30	0,79	2,29	2,86	3,61	10,49	13,09	95	4,38	A	A+	4,35	6,46	2077	1,42
	2.5+2.5+3.5+6.0	1,72	1,72	2,41	4,14	---	4,78	10,00	11,54	0,80	2,25	2,77	3,66	10,30	12,70	95	4,46	A	A+	4,38	6,46	2062	1,42
	2.5+2.5+3.5+7.1	1,60	1,60	2,24	4,55	---	5,10	10,00	11,58	0,85	2,21	2,76	3,87	10,12	12,65	95	4,54	A	A+	4,41	6,46	2047	1,41
	2.5+2.5+4.2+4.2	1,87	1,87	3,13	3,13	---	4,47	10,00	11,18	0,79	2,36	2,91	3,61	10,81	13,31	95	4,25	A	A+	4,30	6,46	2101	1,43
	2.5+2.5+4.2+5.0	1,76	1,76	2,96	3,52	---	4,70	10,00	11,32	0,82	2,27	2,86	3,74	10,39	13,09	95	4,41	A	A+	4,37	6,46	2069	1,42
	2.5+2.5+4.2+6.0	1,64	1,64	2,76	3,95	---	4,99	10,00	11,55	0,82	2,23	2,77	3,74	10,21	12,70	95	4,49	A	A+	4,40	6,46	2054	1,41
	2.5+2.5+5.0+5.0	1,67	1,67	3,33	3,33	---	4,93	10,00	11,45	0,85	2,25	2,81	3,87	10,30	12,87	95	4,45	A	A+	4,38	6,46	2061	1,41
	2.5+3.5+3.5+3.5	1,92	2,69	2,69	2,69	---	4,36	10,00	11,17	0,79	2,40	2,91	3,61	10,99	13,31	95	4,18	A	A+	4,27	6,46	2114	1,4
	2.5+3.5+3.5+4.2	1,82	2,55	2,55	3,07	---	4,55	10,00	11,18	0,81	2,38	2,91	3,70	10,90	13,31	95	4,22	A	A+	4,29	6,46	2107	1,4
	2.5+3.5+3.5+5.0	1,72	2,41	2,41	3,45	---	4,78	10,00	11,32	0,84	2,29	2,86	3,83	10,49	13,09	95	4,38	A	A+	4,36	6,46	2074	1,39
	2.5+3.5+3.5+6.0	1,61	2,26	2,26	3,87	---	5,07	10,00	11,55	0,85	2,25	2,77	3,87	10,30	12,70	95	4,46	A	A+	4,39	6,46	2059	1,38
	2.5+3.5+4.2+4.2	1,74	2,43	2,92	2,92	---	4,75	10,00	11,19	0,86	2,36	2,90	3,96	10,81	13,27	95	4,25	A	A+	4,31	6,46	2099	1,39
	2.5+3.5+4.2+5.0	1,64	2,30	2,76	3,29	---	4,99	10,00	11,33	0,86	2,27	2,86	3,96	10,39	13,09	95	4,41	A	A+	4,37	6,46	2066	1,38
	2.5+4.2+4.2+4.2	1,66	2,78	2,78	2,78	---	4,96	10,00	11,20	0,89	2,34	2,90	4,09	10,71	13,27	95	4,28	A	A+	4,32	6,46	2091	1,39
	3.5+3.5+3.5+3.5	2,50	2,50	2,50	2,50	---	4,64	10,00	11,18	0,84	2,33	2,91	3,83	10,67	13,31	95	4,30	A	A+	4,33	6,46	2085	1,4
	3.5+3.5+3.5+4.2	2,38	2,38	2,38	2,86	---	4,85	10,00	11,19	0,86	2,31	2,90	3,96	10,58	13,27	95	4,33	A	A+	4,35	6,46	2077	1,39
	3.5+3.5+3.5+5.0	2,26	2,26	2,26	3,23	---	5,07	10,00	11,33	0,89	2,23	2,86	4,09	10,21	13,09	95	4,49	A	A+	4,42	6,46	2046	1,38
	3.5+3.5+4.2+4.2	2,27	2,27	2,73	2,73	---	5,04	10,00	11,20	0,92	2,30	2,90	4,22	10,53	13,27	95	4,36	A	A+	4,37	6,46	2069	1,39
	1.5+1.5+1.5+1.5+1.5	2,00	2,00	2,00	2,00	2,00	2,77	10,00	10,90	0,42	2,14	2,57	1,94	9,80	11,77	95	4,68	A	A+	4,25	6,46	2127	1,25
	1.5+1.5+1.5+1.5+2.0	1,88	1,88	1,88	1,88	2,50	2,92	10,00	10,90	0,44	2,13	2,57	2,02	9,75	11,77	95	4,72	A	A+	4,26	6,46	2119	1,24
	1.5+1.5+1.5+1.5+2.5	1,76	1,76	1,76	1,76	2,94	3,06	10,00	10,90	0,48	2,11	2,57	2,19	9,66	11,77	95	4,75	A	A+	4,28	6,46	2111	1,24
	1.5+1.5+1.5+1.5+3.5	1,58	1,58	1,58	1,58	3,68	3,35	10,00	11,55	0,52	2,08	2,77	2,37	9,52	12,70	95	4,81	A	A+	4,31	6,46	2096	1,23
	1.5+1.5+1.5+1.5+4.2	1,47	1,47	1,47	1,47	4,12	3,55	10,00	11,55	0,55	2,07	2,77	2,54	9,48	12,70	95	4,84	A	A+	4,33	6,46	2088	1,23
	1.5+1.5+1.5+1.5+5.0	1,36	1,36	1,36	1,36	4,55	3,77	10,00	11,69	0,56	2,00	2,78	2,58	9,16	12,74	95	5,00	A	A+	4,40	6,46	2055	1,22
	1.5+1.5+1.5+1.5+6.0	1,25	1,25	1,25	1,25	5,00	4,07	10,00	11,93	0,56	1,99	2,70	2,58	9,11	12,35	95	5,04	A	A+	4,42	6,46	2043	1,21

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
	1.5+1.5+1.5+1.5+7.1	1,15	1,15	1,15	1,15	5,42	4,39	10,00	11,96	0,62	1,96	2,68	2,84	8,98	12,26	95	5,12	A	A+	4,43	6,46	2039	1,21
	1.5+1.5+1.5+2.0+2.0	1,76	1,76	1,76	2,35	2,35	3,06	10,00	10,90	0,48	2,11	2,57	2,19	9,66	11,77	95	4,75	A	A+	4,28	6,46	2110	1,24
	1.5+1.5+1.5+2.0+2.5	1,67	1,67	1,67	2,22	2,78	3,20	10,00	11,54	0,50	2,10	2,77	2,28	9,62	12,70	95	4,78	A	A+	4,30	6,46	2102	1,24
	1.5+1.5+1.5+2.0+3.5	1,50	1,50	1,50	2,00	3,50	3,49	10,00	11,55	0,54	2,07	2,77	2,45	9,48	12,70	95	4,84	A	A+	4,33	6,46	2087	1,23
	1.5+1.5+1.5+2.0+4.2	1,40	1,40	1,40	1,87	3,93	3,69	10,00	11,55	0,58	2,06	2,77	2,67	9,43	12,70	95	4,88	A	A+	4,35	6,46	2079	1,22
	1.5+1.5+1.5+2.0+5.0	1,30	1,30	1,30	1,74	4,35	3,92	10,00	11,69	0,58	1,99	2,78	2,67	9,11	12,74	95	5,04	A	A+	4,42	6,46	2046	1,21
	1.5+1.5+1.5+2.0+6.0	1,20	1,20	1,20	1,60	4,80	4,21	10,00	11,93	0,61	1,96	2,70	2,80	8,98	12,35	95	5,12	A	A+	4,45	6,46	2031	1,21
	1.5+1.5+1.5+2.0+7.1	1,10	1,10	1,10	1,47	5,22	4,53	10,00	11,96	0,65	1,93	2,68	2,97	8,84	12,26	95	5,20	A	A+	4,48	6,46	2018	1,21
	1.5+1.5+1.5+2.5+2.5	1,58	1,58	1,58	2,63	2,63	3,35	10,00	11,54	0,52	2,08	2,77	2,37	9,52	12,70	95	4,81	A	A+	4,32	6,46	2094	1,23
	1.5+1.5+1.5+2.5+3.5	1,43	1,43	1,43	2,38	3,33	3,63	10,00	11,55	0,56	2,06	2,77	2,58	9,43	12,70	95	4,88	A	A+	4,35	6,46	2078	1,22
	1.5+1.5+1.5+2.5+4.2	1,34	1,34	1,34	2,23	3,75	3,84	10,00	11,55	0,60	2,04	2,77	2,75	9,34	12,70	95	4,91	A	A+	4,36	6,46	2071	1,22
	1.5+1.5+1.5+2.5+5.0	1,25	1,25	1,25	2,08	4,17	4,07	10,00	11,69	0,62	1,98	2,78	2,84	9,07	12,74	95	5,07	A	A+	4,43	6,46	2038	1,21
	1.5+1.5+1.5+2.5+6.0	1,15	1,15	1,15	1,92	4,62	4,36	10,00	11,93	0,63	1,95	2,70	2,88	8,93	12,35	95	5,15	A	A+	4,44	6,46	2034	1,21
	1.5+1.5+1.5+2.5+7.1	1,06	1,06	1,06	1,77	5,04	4,67	10,00	11,96	0,67	1,92	2,68	3,05	8,79	12,26	95	5,23	A	A+	4,47	6,46	2022	1,2
	1.5+1.5+1.5+3.5+3.5	1,30	1,30	1,30	3,04	3,04	3,92	10,00	11,55	0,62	2,04	2,77	2,84	9,34	12,70	95	4,91	A	A+	4,37	6,46	2070	1,22
	1.5+1.5+1.5+3.5+4.2	1,23	1,23	1,23	2,87	3,44	4,12	10,00	11,56	0,65	2,03	2,77	2,97	9,30	12,70	95	4,94	A	A+	4,38	6,46	2062	1,22
	1.5+1.5+1.5+3.5+5.0	1,15	1,15	1,15	2,69	3,85	4,36	10,00	11,70	0,67	1,97	2,77	3,05	9,02	12,70	95	5,10	A	A+	4,45	6,46	2030	1,21
	1.5+1.5+1.5+3.5+6.0	1,07	1,07	1,07	2,50	4,29	4,64	10,00	11,94	0,68	1,94	2,69	3,10	8,88	12,30	95	5,18	A	A+	4,46	6,46	2027	1,2
	1.5+1.5+1.5+3.5+7.1	0,99	0,99	0,99	2,32	4,70	4,96	10,00	11,97	0,74	1,91	2,68	3,40	8,75	12,26	95	5,26	A	A+	4,48	6,46	2015	1,2
	1.5+1.5+1.5+4.2+4.2	1,16	1,16	1,16	3,26	3,26	4,32	10,00	11,58	0,69	2,02	2,76	3,14	9,25	12,65	95	4,97	A	A+	4,40	6,46	2054	1,21
	1.5+1.5+1.5+4.2+5.0	1,09	1,09	1,09	3,07	3,65	4,55	10,00	11,71	0,71	1,97	2,77	3,27	9,02	12,70	95	5,08	A	A+	4,44	6,46	2037	1,2
	1.5+1.5+1.5+4.2+6.0	1,02	1,02	1,02	2,86	4,08	4,85	10,00	11,95	0,72	1,91	2,69	3,31	8,75	12,30	95	5,26	A	A+	4,49	6,46	2013	1,2
	1.5+1.5+1.5+5.0+5.0	1,03	1,03	1,03	3,45	3,45	4,78	10,00	11,84	0,71	1,90	2,73	3,27	8,70	12,48	95	5,28	A	A+	4,52	6,46	2000	1,2
	1.5+1.5+1.5+5.0+6.0	0,97	0,97	0,97	3,23	3,87	5,07	10,00	12,07	0,74	1,87	2,64	3,40	8,56	12,08	95	5,36	A	A+	4,55	6,46	1987	1,19
	1.5+1.5+2.0+2.0+2.0	1,67	1,67	2,22	2,22	2,22	3,20	10,00	11,54	0,50	2,10	2,77	2,28	9,62	12,70	95	4,78	A	A+	4,30	6,46	2103	1,24
	1.5+1.5+2.0+2.0+2.5	1,58	1,58	2,11	2,11	2,63	3,35	10,00	11,54	0,52	2,09	2,77	2,37	9,57	12,70	95	4,79	A	A+	4,31	6,46	2095	1,24
	1.5+1.5+2.0+2.0+3.5	1,43	1,43	1,90	1,90	3,33	3,63	10,00	11,55	0,56	2,09	2,77	2,58	9,57	12,70	95	4,81	A	A+	4,34	6,46	2080	1,23
	1.5+1.5+2.0+2.0+4.2	1,34	1,34	1,79	1,79	3,75	3,84	10,00	11,55	0,60	2,08	2,77	2,75	9,52	12,70	95	4,82	A	A+	4,36	6,46	2073	1,23
	1.5+1.5+2.0+2.0+5.0	1,25	1,25	1,67	1,67	4,17	4,07	10,00	11,69	0,62	2,07	2,78	2,84	9,48	12,74	95	4,84	A	A+	4,43	6,46	2040	1,22
	1.5+1.5+2.0+2.0+6.0	1,15	1,15	1,54	1,54	4,62	4,36	10,00	11,93	0,63	2,07	2,70	2,88	9,48	12,35	95	4,85	A	A+	4,44	6,46	2037	1,21
	1.5+1.5+2.0+2.0+7.1	1,06	1,06	1,42	1,42	5,04	4,67	10,00	11,96	0,67	2,06	2,68	3,05	9,43	12,26	95	4,86	A	A+	4,46	6,46	2025	1,21
	1.5+1.5+2.0+2.5+2.5	1,50	1,50	2,00	2,50	2,50	3,49	10,00	11,54	0,55	2,09	2,77	2,50	9,57	12,70	95	4,80	A	A+	4,33	6,46	2087	1,24
	1.5+1.5+2.0+2.5+3.5	1,36	1,36	1,82	2,27	3,18	3,77	10,00	11,55	0,58	2,08	2,77	2,67	9,52	12,70	95	4,82	A	A+	4,36	6,46	2072	1,23
	1.5+1.5+2.0+2.5+4.2	1,28	1,28	1,71	2,14	3,59	3,98	10,00	11,55	0,62	2,08	2,77	2,84	9,52	12,70	95	4,83	A	A+	4,38	6,46	2064	1,22
	1.5+1.5+2.0+2.5+5.0	1,20	1,20	1,60	2,00	4,00	4,21	10,00	11,69	0,65	2,07	2,78	2,97	9,48	12,74	95	4,85	A	A+	4,45	6,46	2032	1,21
	1.5+1.5+2.0+2.5+6.0	1,11	1,11	1,48	1,85	4,44	4,50	10,00	11,93	0,65	2,03	2,70	2,97	9,30	12,35	95	4,95	A	A+	4,47	6,46	2022	1,21
	1.5+1.5+2.0+2.5+7.1	1,03	1,03	1,37	1,71	4,86	4,81	10,00	11,96	0,71	2,02	2,68	3,27	9,25	12,26	95	4,95	A	A+	4,50	6,46	2010	1,21
	1.5+1.5+2.0+3.5+3.5	1,25	1,25	1,67	2,92	2,92	4,07	10,00	11,55	0,65	2,08	2,77	2,97	9,52	12,70	95	4,83	A	A+	4,38	6,46	2064	1,22
	1.5+1.5+2.0+3.5+4.2	1,18	1,18	1,57	2,76	3,31	4,26	10,00	11,56	0,67	2,07	2,77	3,05	9,48	12,70	95	4,84	A	A+	4,39	6,46	2056	1,22
5MXM90N2V1B	1.5+1.5+2.0+3.5+5.0	1,11	1,11	1,48	2,59	3,70	4,50	10,00	11,70	0,70	2,06	2,77	3,18	9,43	12,70	95	4,86	A	A+	4,46	6,46	2024	1,21
	1.5+1.5+2.0+3.5+6.0	1,03	1,03	1,38	2,41	4,14	4,78	10,00	11,94	0,70	2,02	2,69	3,18	9,25	12,30	95	4,95	A	A+	4,49	6,46	2015	1,21
	1.5+1.5+2.0+3.5+7.1	0,96	0,96	1,28	2,24	4,55	5,10	10,00	11,97	0,76	1,99	2,68	3,48	9,11	12,26	95	5,05	A	A+	4,53	6,46	1995	1,2
	1.5+1.5+2.0+4.2+4.2	1,12	1,12	1,49	3,13	3,13	4,47	10,00	11,58	0,71	2,07	2,76	3,27	9,48	12,65	95	4,84	A	A+	4,41	6,46	2048	1,22
	1.5+1.5+2.0+4.2+5.0	1,06	1,06	1,41	2,96	3,52	4,70	10,00	11,71	0,74	2,06	2,77	3,40	9,43	12,70	95	4,87	A	A+	4,45	6,46	2028	1,21
	1.5+1.5+2.0+4.2+6.0	0,99	0,99	1,32	2,76	3,95	4,99	10,00	11,95	0,74	2,05	2,69	3,40	9,39	12,30	95	4,88	A	A+	4,48	6,46	2016	1,2
	1.5+1.5+2.0+5.0+5.0	1,00	1,00	1,33	3,33	3,33	4,93	10,00	11,84	0,77	2,00	2,73	3,53	9,16	12,48	95	5,02	A	A++	4,60	6,46	1966	1,18
	1.5+1.5+2.5+2.5+2.5	1,43	1,43	2,38	2,38	2,38	3,63	10,00	11,54	0,56	2,08	2,77	2,58	9,52	12,70	95	4,82	A	A+	4,36	6,46	2071	1,23
	1.5+1.5+2.5+2.5+3.5	1,30	1,30	2,17	2,17	3,04	3,92	10,00	11,55	0,63	2,07	2,77	2,88	9,48	12,70	95	4,84	A	A+	4,39	6,46	2057	1,22
	1.5+1.5+2.5+2.5+4.2	1,23	1,23	2,05	2,05	3,44	4,12	10,00	11,55	0,65	2,07	2,77	2,97	9,48	12,70	95	4,84	A	A+	4,41	6,46	2049	1,22
	1.5+1.5+2.5+2.5+5.0	1,15	1,15	1,92	1,92	3,85	4,36	10,00	11,69	0,67	2,06	2,78	3,05	9,43	12,74	95	4,87	A	A+	4,45	6,46	2030	1,21
	1.5+1.5+2.5+2.5+6.0	1,07	1,07	1,79	1,79	4,29	4,64	10,00	11,93	0,68	2,05	2,70	3,10	9,39	12,35	95	4,88	A	A+	4,48	6,46	2018	1,2
	1.5+1.5+2.5+2.5+7.1	0,99	0,99	1,66	1,66	4,70	4,96	10,00	11,96	0,74	2,05	2,68	3,40	9,39	12,26	95	4,89	A	A+	4,51	6,46	2006	1,2
	1.5+1.5+2.5+3.5+3.5	1,20	1,20	2,00	2,80	2,80	4,21	10,00	11,55	0,67	2,07	2,77	3,05	9,48	12,70	95	4,84	A	A+	4,41	6,46	2048	1,22
	1.5+1.5+2.5+3.5+4.2	1,14	1,14	1,89	2,65	3,18	4,41	10,00	11,56	0,71	2,07	2,77	3,27	9,48	12,70	95	4,85	A	A+	4,43	6,46	2041	1,21
	1.5+1.5+2.5+3.5+5.0	1,07	1,07	1,79	2,50	3,57	4,64	10,00	11,70	0,71	2,05	2,77	3,27	9,39	12,70	95	4,88	A	A+	4,47	6,46	2023	1,2
	1.5+1.5+2.5+3.5+6.0	1,00	1,00	1,67	2,33	4,00	4,93	10,00	11,94	0,74	2,05	2,69	3,40	9,39	12,30	95	4,89	A	A+	4,49	6,46	2011	1,2
	1.5+1.5+2.5+4.2+4.2	1,08	1,08	1,80	3,02	3,02	4,61	10,00	11,58	0,74	2,06	2,76	3,40	9,43	12,65	95	4,86	A	A+	4,44	6,46	2033	1,21
	1.5+1.5+2.5+4.2+5.0	1,02	1,02	1,70	2,86	3,40	4,85	10,00	11,71	0,77	2,05	2,77	3,53	9,39	12,70	95	4,89	A	A+	4,48	6,46	2016	1,2
	1.5+1.5+2.5+5.0+5.0	0,97	0,97	1,61	3,23	3,23	5,07	10,00	11,84	0,79	2,00	2,73	3,61	9,16	12,48	95	5,00	A	A++	4,60	6,46	1964	1,2
	1.5+1.5+3.5+3.5+3.5	1,11	1,11	2,59	2,59	2,59	4,50	10,00	11,56	0,71	2,05	2,77	3,27	9,39	12,70	95	4,90	A	A+	4,48	6,46	2018	1,21
	1.5+1.5+3.5+3.5+4.2	1,06	1,06	2,46	2,46	2,96	4,70	10,00	11,58	0,76	2,04	2,76	3,48	9,34	12,65	95	4,91	A	A+	4,49	6,46	2011	1,21
	1.5+1.5+3.5+3.5+5.0	1,00	1,00	2,33	2,33	3,33	4,93	10,00	11,71	0,79	2,03	2,77	3,61	9,30	12,70	95	4,94	A	A+	4,53	6,46	1994	1,2
	1.5+1.5+3.5+4.2+4.2	1,01	1,01	2,35	2,82	2,82	4,90	10,00	11,59	0,82	2,04	2,76	3,74	9,34	12,65	95	4,92	A	A+	4,51	6,46	2003	1,21
	1.5+2.0+2.0+2.0+2.0	1,58	2,11	2,11	2,11	2,11	3,35	10,00	11,54	0,52	2,07	2,77	2,37	9,48	12,70	95	4,84	A	A+	4,40	6,46	2056	1,22
	1.5+2.0+2.0+2.0+2.5	1,50	2,00	2,00	2,00	2,50	3,49	10,00	11,54	0,55	2,07	2,77	2,50	9,48	12,70	95	4,84	A	A+	4,41	6,46	2048	1,22
	1.5+2.0+2.0+2.0+3.5	1,36	1,82	1,82	1,82	3,18	3,77	10,00	11,55	0,58	2,06	2,77	2,67	9,43	12,70	95	4,86	A	A+	4,44	6,46	2034	1,21
	1.5+2.0+2.0+2.0+4.2	1,28	1,71	1,71	1,71	3,59	3,98	10,00	11,55	0,62	2,06	2,77	2,84	9,43	12,70	95	4,87	A	A+	4,46	6,46	2027	1,21
	1.5+2.0+2.0+2.0+5.0	1,20	1,60	1,60	1,60	4,00	4,21	10,00	11,69	0,65	2,05	2,78	2,97	9,39	12,74	95	4,90	A	A+	4,49	6,46	2011	1,19
	1.5+2.0+2.0+2.0+6.0	1,11	1,48	1,48	1,48	4,44	4,50	10,00	11,93	0,65	2,04	2,70	2,97	9,34	12,35	95	4,91	A	A+	4,52	6,46	1999	1,19
	1.5+2.0+2.0+2.0+7.1	1,03	1,37	1,37	1,37	4,86	4,81	10,00	11,96	0,71	2,00	2,68	3,27	9,16	12,26	95	5,00	A	A++	4,60	6,46	1964	1,17
	1.5+2.0+2.0+2.5+2.5	1,43	1,90	1,90	2,38	2,38	3,63	10,00	11,54	0,56	2,07	2,77	2,58	9,48	12,70	95	4,85	A	A+	4,43	6,46	2040	1,21
	1.5+2.0+2.0+2.5+3.5	1,30	1,74	1,74	2,17	3,04	3,92	10,00	11,55	0,63	2,06	2,77	2,88	9,43	12,70	95	4,87	A	A+	4,46	6,46	2026	1,21
	1.5+2.0+2.0+2.5+4.2	1,23	1,64	1,64	2,05	3,44	4,12	10,00	11,55	0,65	2,05	2,77	2,97	9,39	12,70	95	4,88	A	A+	4,48	6,46	2019	1,2
	1.5+2.0+2.0+2.5+5.0	1,15	1,54	1,54	1,92	3,85	4,36	10,00	11,69	0,67	2,04	2,78	3,05	9,34	12,74	95	4,91	A	A+	4,51	6,46	2005	1,19
	1.5+2.0+2.0+2.5+6.0	1,07	1,43	1,43	1,79	4,29	4,64	10,00	11,93	0,68	2,04	2,70	3,10	9,34	12,35	95	4,92	A	A+	4,53	6,46	1993	1,19
	1.5+2.0+2.0+2.5+7.1	0,99	1,32	1,32	1,66	4,70	4,96	10,00	11,96	0,74	2,00	2,68	3,40	9,16	12,26	95	5,01	A	A++	4,62	6,46	1958	1,17
	1.5+2.0+2.0+3.5+3.5	1,20	1,60	1,60	2,80	2,80	4,21	10,00	11,55	0,67	2,05	2,77	3,05	9,39	12,70	95	4,88	A	A+	4,48	6,46	2018	1,2
	1.5+2.0+2.0+3.5+4.2	1,14	1,52	1,52	2,65	3,18	4,41	10,00	11,56	0,71	2,05	2,77	3,27	9,39	12,70	95	4,89	A	A+	4,47	6,46	2023	1,2
	1.5+2.0+2.0+3.5+5.0	1,07	1,43	1,43	2,50	3,57	4,64	10,00	11,70	0,71	2,04	2,77	3,27	9,34	12,70	95	4,92	A	A+	4,52	6,46	1998	1,19

Combination tables

Heating

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	ENERGY LABEL	Seasonal data				
		A room	B room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
	1.5+2.0+2.0+3.5+6.0	1,00	1,33	1,33	2,33	4,00	4,93	10,00	11,94	0,74	2,00	2,69	3,40	9,16	12,30	95	5,01	A	A++	4,60	6,46	1963	1,17
	1.5+2.0+2.0+4.2+4.2	1,08	1,44	1,44	3,02	3,02	4,61	10,00	11,58	0,74	2,05	2,76	3,40	9,39	12,65	95	4,90	A	A+	4,48	6,46	2016	1,19
	1.5+2.0+2.0+4.2+5.0	1,02	1,36	1,36	2,86	3,40	4,85	10,00	11,71	0,77	2,03	2,77	3,53	9,30	12,70	95	4,93	A	A+	4,54	6,46	1991	1,18
	1.5+2.0+2.0+5.0+5.0	0,97	1,29	1,29	3,23	3,23	5,07	10,00	11,84	0,79	2,00	2,73	3,61	9,16	12,48	95	5,02	A	A++	4,63	6,46	1954	1,16
	1.5+2.0+2.5+2.5+2.5	1,36	1,82	2,27	2,27	2,27	3,77	10,00	11,54	0,58	2,07	2,77	2,67	9,48	12,70	95	4,85	A	A+	4,43	6,46	2041	1,21
	1.5+2.0+2.5+2.5+3.5	1,25	1,67	2,08	2,08	2,92	4,07	10,00	11,55	0,65	2,06	2,77	2,97	9,43	12,70	95	4,87	A	A+	4,46	6,46	2027	1,21
	1.5+2.0+2.5+2.5+4.2	1,18	1,57	1,97	1,97	3,31	4,26	10,00	11,55	0,67	2,05	2,77	3,05	9,39	12,70	95	4,88	A	A+	4,47	6,46	2020	1,2
	1.5+2.0+2.5+2.5+5.0	1,11	1,48	1,85	1,85	3,70	4,50	10,00	11,69	0,70	2,04	2,78	3,18	9,34	12,74	95	4,91	A	A+	4,51	6,46	2005	1,19
	1.5+2.0+2.5+2.5+6.0	1,03	1,38	1,72	1,72	4,14	4,78	10,00	11,93	0,70	2,04	2,70	3,18	9,34	12,35	95	4,92	A	A+	4,53	6,46	1993	1,19
	1.5+2.0+2.5+2.5+7.1	0,96	1,28	1,60	1,60	4,55	5,10	10,00	11,96	0,77	2,00	2,68	3,53	9,16	12,26	95	5,01	A	A++	4,61	6,46	1959	1,18
	1.5+2.0+2.5+3.5+3.5	1,15	1,54	1,92	2,69	2,69	4,36	10,00	11,55	0,70	2,05	2,77	3,18	9,39	12,70	95	4,88	A	A+	4,48	6,46	2019	1,2
	1.5+2.0+2.5+3.5+4.2	1,09	1,46	1,82	2,55	3,07	4,55	10,00	11,56	0,74	2,05	2,77	3,40	9,39	12,70	95	4,89	A	A+	4,47	6,46	2024	1,2
	1.5+2.0+2.5+3.5+5.0	1,03	1,38	1,72	2,41	3,45	4,78	10,00	11,70	0,77	2,04	2,77	3,53	9,34	12,70	95	4,92	A	A+	4,52	6,46	1998	1,19
	1.5+2.0+2.5+3.5+6.0	0,97	1,29	1,61	2,26	3,87	5,07	10,00	11,94	0,77	2,00	2,69	3,53	9,16	12,30	95	5,02	A	A++	4,61	6,46	1962	1,16
	1.5+2.0+2.5+4.2+4.2	1,04	1,39	1,74	2,92	2,92	4,75	10,00	11,58	0,76	2,05	2,76	3,48	9,39	12,65	95	4,90	A	A+	4,48	6,46	2017	1,19
	1.5+2.0+2.5+4.2+5.0	0,99	1,32	1,64	2,76	3,29	4,99	10,00	11,71	0,79	1,99	2,77	3,61	9,11	12,70	95	5,04	A	A++	4,63	6,46	1950	1,18
	1.5+2.0+3.5+3.5+3.5	1,07	1,43	2,50	2,50	2,50	4,64	10,00	11,56	0,77	2,05	2,77	3,53	9,39	12,70	95	4,89	A	A+	4,49	6,46	2012	1,2
	1.5+2.0+3.5+3.5+4.2	1,02	1,36	2,38	2,38	2,86	4,85	10,00	11,58	0,79	2,05	2,76	3,61	9,39	12,65	95	4,90	A	A+	4,50	6,46	2006	1,19
	1.5+2.0+3.5+3.5+5.0	0,97	1,29	2,26	2,26	3,23	5,07	10,00	11,71	0,82	2,00	2,77	3,74	9,16	12,70	95	5,01	A	A++	4,61	6,46	1962	1,18
	1.5+2.0+3.5+4.2+4.2	0,97	1,30	2,27	2,73	2,73	5,04	10,00	11,59	0,85	2,04	2,76	3,87	9,34	12,65	95	4,91	A	A+	4,52	6,46	1999	1,19
	1.5+2.5+2.5+2.5+2.5	1,30	2,17	2,17	2,17	2,17	3,92	10,00	11,54	0,63	2,06	2,77	2,88	9,43	12,70	95	4,87	A	A+	4,46	6,46	2026	1,21
	1.5+2.5+2.5+2.5+3.5	1,20	2,00	2,00	2,00	2,80	4,21	10,00	11,55	0,67	2,03	2,77	3,05	9,30	12,70	95	4,94	A	A+	4,47	6,46	2020	1,2
	1.5+2.5+2.5+2.5+4.2	1,14	1,89	1,89	1,89	3,18	4,41	10,00	11,55	0,71	2,03	2,77	3,27	9,30	12,70	95	4,95	A	A+	4,49	6,46	2013	1,19
	1.5+2.5+2.5+2.5+5.0	1,07	1,79	1,79	1,79	3,57	4,64	10,00	11,69	0,71	1,98	2,78	3,27	9,07	12,74	95	5,06	A	A++	4,60	6,46	1964	1,18
	1.5+2.5+2.5+2.5+6.0	1,00	1,67	1,67	1,67	4,00	4,93	10,00	11,93	0,75	1,98	2,70	3,44	9,07	12,35	95	5,06	A	A++	4,63	6,46	1952	1,18
	1.5+2.5+2.5+3.5+3.5	1,11	1,85	1,85	2,59	2,59	4,50	10,00	11,55	0,71	2,03	2,77	3,27	9,30	12,70	95	4,95	A	A+	4,49	6,46	2013	1,19
	1.5+2.5+2.5+3.5+4.2	1,06	1,76	1,76	2,46	2,96	4,70	10,00	11,56	0,77	2,02	2,77	3,53	9,25	12,70	95	4,95	A	A+	4,50	6,46	2007	1,19
	1.5+2.5+2.5+3.5+5.0	1,00	1,67	1,67	2,33	3,33	4,93	10,00	11,70	0,79	1,97	2,77	3,61	9,02	12,70	95	5,09	A	A++	4,62	6,46	1957	1,18
	1.5+2.5+2.5+4.2+4.2	1,01	1,68	1,68	2,82	2,82	4,90	10,00	11,58	0,82	2,02	2,76	3,74	9,25	12,65	95	4,96	A	A+	4,52	6,46	2000	1,19
	1.5+2.5+3.5+3.5+3.5	1,03	1,72	2,41	2,41	2,41	4,78	10,00	11,56	0,79	2,02	2,77	3,61	9,25	12,70	95	4,95	A	A+	4,51	6,46	2006	1,19
	1.5+2.5+3.5+3.5+4.2	0,99	1,64	2,30	2,30	2,76	4,99	10,00	11,58	0,82	2,02	2,76	3,74	9,25	12,65	95	4,96	A	A+	4,52	6,46	2000	1,19
	1.5+3.5+3.5+3.5+3.5	0,97	2,26	2,26	2,26	2,26	5,07	10,00	11,58	0,85	2,00	2,76	3,87	9,16	12,65	95	5,00	A	A+	4,56	6,46	1981	1,18
	2.0+2.0+2.0+2.0+2.0	2,00	2,00	2,00	2,00	2,00	3,49	10,00	11,54	0,55	2,05	2,77	2,50	9,39	12,70	95	4,89	A	A+	4,47	6,46	2023	1,2
	2.0+2.0+2.0+2.0+2.5	1,90	1,90	1,90	1,90	2,38	3,63	10,00	11,54	0,56	2,05	2,77	2,58	9,39	12,70	95	4,90	A	A+	4,48	6,46	2017	1,19
	2.0+2.0+2.0+2.0+3.5	1,74	1,74	1,74	1,74	3,04	3,92	10,00	11,55	0,63	2,04	2,77	2,88	9,34	12,70	95	4,92	A	A+	4,51	6,46	2006	1,19
	2.0+2.0+2.0+2.0+4.2	1,64	1,64	1,64	1,64	3,44	4,12	10,00	11,55	0,65	2,03	2,77	2,97	9,30	12,70	95	4,93	A	A+	4,52	6,46	2000	1,18
	2.0+2.0+2.0+2.0+5.0	1,54	1,54	1,54	1,54	3,85	4,36	10,00	11,69	0,67	2,00	2,78	3,05	9,16	12,74	95	5,02	A	A++	4,61	6,46	1959	1,17
	2.0+2.0+2.0+2.0+6.0	1,43	1,43	1,43	1,43	4,29	4,64	10,00	11,93	0,68	1,99	2,70	3,10	9,11	12,35	95	5,03	A	A++	4,64	6,46	1948	1,17
	2.0+2.0+2.0+2.0+7.1	1,32	1,32	1,32	1,32	4,70	4,96	10,00	11,96	0,74	1,99	2,68	3,40	9,11	12,26	95	5,04	A	A++	4,66	6,46	1937	1,16
5MXM90N2V1B	2.0+2.0+2.0+2.5+2.5	1,82	1,82	1,82	2,27	2,27	3,77	10,00	11,54	0,58	2,04	2,77	2,67	9,34	12,70	95	4,91	A	A+	4,49	6,46	2010	1,19
	2.0+2.0+2.0+2.5+3.5	1,67	1,67	1,67	2,08	2,92	4,07	10,00	11,55	0,65	2,03	2,77	2,97	9,30	12,70	95	4,93	A	A+	4,52	6,46	1999	1,18
	2.0+2.0+2.0+2.5+4.2	1,57	1,57	1,57	1,97	3,31	4,26	10,00	11,55	0,67	2,03	2,77	3,05	9,30	12,70	95	4,94	A	A+	4,53	6,46	1993	1,18
	2.0+2.0+2.0+2.5+5.0	1,48	1,48	1,48	1,85	3,70	4,50	10,00	11,69	0,70	1,99	2,78	3,18	9,11	12,74	95	5,04	A	A++	4,62	6,46	1955	1,17
	2.0+2.0+2.0+2.5+6.0	1,38	1,38	1,38	1,72	4,14	4,78	10,00	11,93	0,70	1,99	2,70	3,18	9,11	12,35	95	5,05	A	A++	4,65	6,46	1944	1,16
	2.0+2.0+2.0+2.5+7.1	1,28	1,28	1,28	1,60	4,55	5,10	10,00	11,96	0,77	1,98	2,68	3,53	9,07	12,26	95	5,06	A	A++	4,67	6,46	1933	1,16
	2.0+2.0+2.0+3.5+3.5	1,54	1,54	1,54	2,69	2,69	3,77	10,00	11,54	0,58	2,03	2,77	2,67	9,30	12,70	95	4,94	A	A+	4,54	6,46	1992	1,18
	2.0+2.0+2.0+3.5+4.2	1,46	1,46	1,46	2,55	3,07	4,55	10,00	11,56	0,74	2,03	2,77	3,40	9,30	12,70	95	4,95	A	A+	4,55	6,46	1986	1,18
	2.0+2.0+2.0+3.5+5.0	1,38	1,38	1,38	2,41	3,45	4,78	10,00	11,70	0,77	1,99	2,77	3,53	9,11	12,70	95	5,04	A	A++	4,65	6,46	1941	1,16
	2.0+2.0+2.0+3.5+6.0	1,29	1,29	1,29	2,26	3,87	5,07	10,00	11,94	0,77	1,99	2,69	3,53	9,11	12,30	95	5,05	A	A++	4,68	6,46	1931	1,16
	2.0+2.0+2.0+4.2+4.2	1,39	1,39	1,39	2,92	2,92	4,75	10,00	11,58	0,76	2,02	2,76	3,48	9,25	12,65	95	4,95	A	A++	4,61	6,46	1961	1,17
	2.0+2.0+2.0+4.2+5.0	1,32	1,32	1,32	2,76	3,29	4,99	10,00	11,71	0,79	2,01	2,83	3,61	9,20	12,96	95	4,98	A	A++	4,66	6,46	1938	1,16
	2.0+2.0+2.5+2.5+2.5	1,74	1,74	2,17	2,17	2,17	3,92	10,00	11,54	0,63	2,04	2,77	2,88	9,34	12,70	95	4,91	A	A+	4,49	6,46	2011	1,19
	2.0+2.0+2.5+2.5+3.5	1,60	1,60	2,00	2,00	2,80	4,21	10,00	11,55	0,67	2,03	2,77	3,05	9,30	12,70	95	4,93	A	A+	4,52	6,46	1999	1,18
	2.0+2.0+2.5+2.5+4.2	1,52	1,52	1,89	1,89	3,18	4,41	10,00	11,55	0,70	2,03	2,77	3,18	9,30	12,70	95	4,94	A	A+	4,53	6,46	1993	1,18
	2.0+2.0+2.5+2.5+5.0	1,43	1,43	1,79	1,79	3,57	4,64	10,00	11,69	0,71	1,99	2,78	3,27	9,11	12,74	95	5,03	A	A++	4,63	6,46	1953	1,17
	2.0+2.0+2.5+2.5+6.0	1,33	1,33	1,67	1,67	4,00	4,93	10,00	11,93	0,75	1,99	2,70	3,44	9,11	12,35	95	5,04	A	A++	4,65	6,46	1942	1,16
	2.0+2.0+2.5+3.5+3.5	1,48	1,48	1,85	2,59	2,59	4,50	10,00	11,55	0,71	1,99	2,77	3,27	9,11	12,70	95	5,03	A	A++	4,60	6,46	1963	1,18
	2.0+2.0+2.5+3.5+4.2	1,41	1,41	1,76	2,46	2,96	4,70	10,00	11,56	0,77	1,99	2,77	3,53	9,11	12,70	95	5,04	A	A++	4,62	6,46	1957	1,18
	2.0+2.0+2.5+3.5+5.0	1,33	1,33	1,67	2,33	3,33	4,93	10,00	11,70	0,79	1,98	2,77	3,61	9,07	12,70	95	5,06	A	A++	4,67	6,46	1934	1,16
	2.0+2.0+2.5+4.2+4.2	1,34	1,34	1,68	2,82	2,82	4,90	10,00	11,58	0,82	1,99	2,82	3,74	9,11	12,92	95	5,05	A	A++	4,63	6,46	1951	1,17
	2.0+2.0+3.5+3.5+3.5	1,38	1,38	2,41	2,41	2,41	4,78	10,00	11,56	0,79	1,99	2,77	3,61	9,11	12,70	95	5,04	A	A++	4,62	6,46	1957	1,18
	2.0+2.0+3.5+3.5+4.2	1,32	1,32	2,30	2,30	2,76	4,99	10,00	11,58	0,82	1,99	2,82	3,74	9,11	12,92	95	5,05	A	A++	4,63	6,46	1951	1,17
	2.0+2.5+2.5+2.5+2.5	1,67	2,08	2,08	2,08	2,08	4,07	10,00	11,54	0,65	2,03	2,77	2,97	9,30	12,70	95	4,93	A	A+	4,52	6,46	1999	1,18
	2.0+2.5+2.5+2.5+3.5	1,54	1,92	1,92	1,92	2,69	4,36	10,00	11,55	0,70	2,03	2,77	3,18	9,30	12,70	95	4,95	A	A+	4,55	6,46	1987	1,18
	2.0+2.5+2.5+2.5+4.2	1,46	1,82	1,82	1,82	3,07	4,55	10,00	11,55	0,74	2,02	2,77	3,40	9,25	12,70	95	4,95	A	A+	4,56	6,46	1981	1,17
	2.0+2.5+2.5+2.5+5.0	1,38	1,72	1,72	1,72	3,45	4,78	10,00	11,69	0,77	1,99	2,78	3,53	9,11	12,74	95	5,05	A	A++	4,65	6,46	1942	1,16
	2.0+2.5+2.5+2.5+6.0	1,29	1,61	1,61	1,61	3,87	5,07	10,00	11,93	0,77	1,98	2,70	3,53	9,07	12,35	95	5,06	A	A++	4,68	6,46	1931	1,16
	2.0+2.5+2.5+3.5+3.5	1,43	1,79	1,79	2,50	2,50	4,64	10,00	11,55	0,77	1,99	2,77	3,53	9,11	12,70	95	5,03	A	A++	4,60	6,46	1963	1,17
	2.0+2.5+2.5+3.5+4.2	1,36	1,70	1,70	2,38	2,86	4,85	10,00	11,56	0,79	1,99	2,77	3,61	9,11	12,70	95	5,04	A	A++	4,62	6,46	1957	1,17
	2.0+2.5+2.5+3.5+5.0	1,29	1,61	1,61	2,26	3,23	5,07	10,00	11,70	0,82	1,98	2,77	3,74	9,07	12,70	95	5,06	A	A++	4,67	6,46	1934	1,16
	2.0+2.5+2.5+4.2+4.2	1,30	1,62	1,62	2,73	2,73	5,04	10,00	11,58	0,85	1,99	2,82	3,87	9,11	12,92	95	5,05	A	A++	4,63	6,46	1951	1,16
	2.0+2.5+3.5+3.5+3.5	1,33	1,67	2,33	2,33	2,33	4,93	10,00	11,56	0,82	1,99	2,77	3,74	9,11	12,70	95	5,04	A	A++	4,62	6,46	1957	1,17
	2.5+2.5+2.5+2.5+2.5	2,00	2,00	2,00	2,00	2,00	4,21	10,00	11,54	0,68	2,03	2,77	3,10	9,30	12,70	95	4,95	A	A+	4,55	6,46	1987	1,18
	2.5+2.5+2.5+2.5+3.5	1,85	1,85	1,85	1,85	2,59	4,50	10,00	11,55	0,72	2,02	2,77	3,31	9,25	12,70	95	4,96	A	A+	4,57	6,46	1975	1,17
	2.5+2.5+2.5+2.5+4.2	1,76	1,76	1,76	1,76	2,96	4,70	10,00	11,55	0,77	2,02	2,77	3,53	9,25	12,70	95	4,97	A	A+	4,59	6,46	1970	1,16
	2.5+2.5+2.5+2.5+5.0	1,67	1,67	1,67	1,67	3,33	4,93	10,00	11,69	0,80	2,00	2,78	3,66	9,16	12,74	95	5,00	A	A++	4,64	6,46	1946	1,15
	2.5+2.5+2.5+3.5+3.5	1,72	1,72	1,72	2,41	2,41	4,78	10,00	11,55	0,80	2,02	2,77	3,66	9,25	12,70	95	4,97	A	A++	4,60	6,46	1965	1,16
	2.5+2.5+2.5+3.5+4.2	1,64	1,64	1,64	2,30	2,76	4,99	10,00	11,56	0,82	2,01	2,77	3,74	9,20	12,70	95	4,98	A	A++	4,61	6,46	1959	1,16
	2.5+2.5+3.5+3.5+3.5	1,61	1,61	2,26	2,26	2,26	5,07	10,00	11,56	0,85	1,99	2,77	3,87	9,11	12,70	95	5,03	A	A++	4,66	6,46	1940	1,15

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
2AMXM40M2V1B	2,0	2,00	---	1,30	2,00	2,40	0,33	0,44	0,57	1,78	2,38	3,09	79	---	---	---	---	---	---	---
	2,5	2,50	---	1,30	2,50	3,00	0,33	0,61	0,80	1,78	3,33	4,40	79	---	---	---	---	---	---	---
	3,5	3,50	---	1,30	3,50	4,00	0,33	1,04	1,35	1,78	5,71	7,38	79	---	---	---	---	---	---	---
	2.0+2.0	2,00	2,00	1,50	4,00	4,20	0,30	0,99	1,04	1,67	5,47	5,75	79	4,03	A	497	A+++	8,51	4,00	165
	2.0+2.5	1,78	2,22	1,50	4,00	4,30	0,30	0,97	1,04	1,67	5,34	5,75	79	4,13	A	485	A+++	8,50	4,00	165
	2.0+3.5	1,45	2,55	1,50	4,00	4,50	0,30	0,97	1,10	1,67	5,36	6,03	79	4,11	A	487	A++	8,17	4,00	172
	2.5+2.5	2,00	2,00	1,50	4,00	4,40	0,30	0,98	1,08	1,67	5,39	5,93	79	4,09	A	489	A++	8,34	4,00	168
	2.5+3.5	1,67	2,33	1,50	4,00	4,60	0,30	0,96	1,11	1,67	5,31	6,11	79	4,15	A	482	A++	8,09	4,00	173

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
2AMXM40M2V1B	2,0	3,00	---	1,00	3,00	3,70	0,26	0,83	1,26	1,43	4,52	6,78	79	---	---	---	---	---	---	---
	2,5	3,40	---	1,00	3,40	4,10	0,26	1,02	1,48	1,43	5,59	8,09	79	---	---	---	---	---	---	---
	3,5	3,80	---	1,00	3,80	4,40	0,26	1,28	1,73	1,43	7,02	9,40	79	---	---	---	---	---	---	---
	2.0+2.0	2,10	2,10	1,30	4,20	4,60	0,24	1,00	1,10	1,31	5,53	6,06	79	4,18	A	A++	4,60	3,20	973	0,60
	2.0+2.5	1,87	2,33	1,30	4,20	4,70	0,24	1,00	1,12	1,31	5,48	6,14	79	4,22	A	A++	4,60	3,20	974	0,50
	2.0+3.5	1,53	2,67	1,30	4,20	4,80	0,24	0,97	1,12	1,31	5,37	6,14	79	4,31	A	A++	4,60	3,20	974	0,40
	2.5+2.5	2,10	2,10	1,30	4,20	4,70	0,24	0,98	1,10	1,31	5,42	6,07	79	4,27	A	A++	4,60	3,20	973	0,50
	2.5+3.5	1,75	2,45	1,30	4,20	4,80	0,24	0,96	1,10	1,31	5,31	6,07	79	4,36	A	A++	4,60	3,20	974	0,40

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
2AMXM50M2V1B	2,0	2,00	---	1,40	2,00	2,60	0,31	0,47	0,69	1,53	2,25	3,37	89	---	---	---	---	---	---	---
	2,5	2,50	---	1,40	2,50	3,10	0,31	0,67	0,92	1,53	3,27	4,50	89	---	---	---	---	---	---	---
	3,5	3,50	---	1,40	3,50	4,00	0,31	1,09	1,42	1,53	5,32	6,95	89	---	---	---	---	---	---	---
	5,0	5,00	---	1,60	5,00	5,30	0,33	0,96	1,46	1,64	4,67	7,11	89	---	---	---	---	---	---	---
	2.0+2.0	2,00	2,00	1,80	4,00	5,00	0,43	0,96	1,30	2,12	4,71	5,89	89	4,15	A	482	A+++	8,68	4,00	162
	2.0+2.5	2,00	2,50	1,80	4,50	5,10	0,44	1,09	1,33	2,14	5,35	6,07	89	4,11	A	548	A+++	8,65	4,50	183
	2.0+3.5	1,82	3,18	1,80	5,00	5,40	0,46	1,27	1,51	2,24	6,20	6,70	89	3,94	A	635	A+++	8,51	5,00	206
	2.0+5.0	1,43	3,57	1,80	5,00	5,50	0,45	1,25	1,46	2,20	6,10	6,71	89	4,01	A	624	A+++	8,50	5,00	206
	2.5+2.5	2,50	2,50	1,80	5,00	5,30	0,46	1,28	1,44	2,25	6,25	6,63	89	3,91	A	640	A+++	8,51	5,00	206
	2.5+3.5	2,08	2,92	1,80	5,00	5,40	0,46	1,26	1,45	2,23	6,17	6,67	89	3,96	A	632	A+++	8,53	5,00	206
	2.5+5.0	1,67	3,33	1,80	5,00	5,50	0,45	1,24	1,40	2,19	6,07	6,68	89	4,03	A	621	A+++	8,51	5,00	206
	3.5+3.5	2,50	2,50	1,80	5,00	5,40	0,45	1,25	1,43	2,20	6,10	6,59	89	4,01	A	624	A+++	8,55	5,00	205
	3.5+5.0	2,06	2,94	1,80	5,00	5,50	0,44	1,23	1,35	2,16	5,99	6,59	89	4,08	A	613	A+++	8,50	5,00	206

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
2AMXM50M2V1B	2,0	3,00	---	1,10	3,00	3,70	0,27	0,82	1,13	1,33	3,99	5,52	89	---	---	---	---	---	---	---
	2,5	3,40	---	1,10	3,40	4,10	0,25	0,99	1,31	1,23	4,81	6,54	89	---	---	---	---	---	---	---
	3,5	4,00	---	1,10	4,00	4,60	0,25	1,24	1,53	1,23	6,03	7,46	89	---	---	---	---	---	---	---
	5,0	5,50	---	1,20	5,50	5,60	0,23	1,23	1,86	1,12	6,01	9,01	89	---	---	---	---	---	---	---
	2.0+2.0	2,60	2,60	1,20	5,20	5,70	0,30	1,30	1,43	1,47	6,37	6,99	89	3,99	A	A++	4,60	4,00	1216	0,60
	2.0+2.5	2,49	3,11	1,20	5,60	5,80	0,30	1,40	1,45	1,47	6,84	7,09	89	4,00	A	A++	4,60	4,10	1246	0,70
	2.0+3.5	2,04	3,56	1,20	5,60	5,90	0,30	1,40	1,47	1,47	6,83	7,20	89	4,01	A	A++	4,60	4,20	1278	0,80
	2.0+5.0	1,60	4,00	1,20	5,60	6,20	0,30	1,38	1,53	1,45	6,76	7,49	89	4,05	A	A++	4,67	4,20	1258	0,80
	2.5+2.5	2,80	2,80	1,20	5,60	5,80	0,30	1,41	1,46	1,48	6,88	7,13	89	3,98	A	A++	4,60	4,20	1278	0,80
	2.5+3.5	2,33	3,27	1,20	5,60	6,00	0,31	1,42	1,52	1,49	6,93	7,43	89	3,95	A	A++	4,61	4,20	1274	0,80
	2.5+5.0	1,87	3,73	1,30	5,60	6,30	0,33	1,42	1,56	1,61	6,93	7,80	89	3,95	A	A++	4,70	4,20	1252	0,80
	3.5+3.5	2,80	2,80	1,30	5,60	6,10	0,33	1,41	1,54	1,60	6,88	7,50	89	3,98	A	A++	4,65	4,20	1264	0,80
	3.5+5.0	2,31	3,29	1,30	5,60	6,40	0,33	1,43	1,55	1,63	7,00	8,00	89	3,91	A	A++	4,74	4,20	1240	0,80

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data				
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC	
3AMXM52M2V1B	2,0	2,00	---	---	1,60	2,00	3,00	0,36	0,48	0,78	1,60	2,17	3,51	96	---	---	---	---	---	---	---
	2,5	2,50	---	---	1,60	2,50	3,20	0,36	0,64	0,87	1,62	2,89	3,92	96	---	---	---	---	---	---	---
	3,5	3,50	---	---	1,60	3,50	4,20	0,37	0,98	1,30	1,63	4,43	5,88	96	---	---	---	---	---	---	---
	5,0	---	5,00	---	1,60	5,00	5,40	0,35	1,76	2,03	1,55	7,94	9,18	96	---	---	---	---	---	---	---
	2.0+2.0	2,00	2,00	---	1,70	4,00	6,00	0,35	0,87	2,61	1,55	3,95	11,81	96	4,62	A	433	A+++	8,50	4,00	165
	2.0+2.5	2,00	2,50	---	1,70	4,50	6,20	0,35	0,96	2,35	1,55	4,35	10,61	96	4,72	A	477	A+++	8,50	4,50	186
	2.0+3.5	1,89	3,31	---	1,70	5,20	6,30	0,35	1,14	2,50	1,55	5,17	11,31	96	4,60	A	566	A+++	8,50	5,20	215
	2.0+5.0	1,49	3,71	---	1,70	5,20	6,50	0,35	1,11	2,37	1,55	5,03	10,72	96	4,72	A	551	A+++	8,50	5,20	215
	2.5+2.5	2,50	2,50	---	1,70	5,00	6,30	0,35	1,18	2,50	1,55	5,35	11,32	96	4,24	A	590	A+++	8,50	5,00	206
	2.5+3.5	2,17	3,03	---	1,70	5,20	6,30	0,35	1,25	2,40	1,55	5,67	10,83	96	4,18	A	623	A+++	8,50	5,20	215
	2.5+5.0	1,73	3,47	---	1,70	5,20	6,50	0,35	1,21	2,39	1,55	5,49	10,82	96	4,32	A	602	A+++	8,50	5,20	214
	3.5+3.5	2,60	2,60	---	1,70	5,20	6,40	0,35	1,24	2,37	1,55	5,62	10,72	96	4,22	A	617	A+++	8,50	5,20	214
	3.5+5.0	2,14	3,06	---	1,70	5,20	6,60	0,35	1,20	2,39	1,55	5,44	10,82	96	4,34	A	600	A+++	8,50	5,20	214
	2.0+2.0+2.0	1,73	1,73	1,73	1,80	5,20	7,00	0,37	1,22	2,20	1,65	5,53	9,94	96	4,27	A	609	A+++	8,50	5,20	215
	2.0+2.0+2.5	1,60	1,60	2,00	1,80	5,20	7,00	0,37	1,20	2,19	1,65	5,44	9,89	96	4,34	A	600	A+++	8,50	5,20	215
	2.0+2.0+3.5	1,39	1,39	2,43	1,90	5,20	7,20	0,39	1,20	2,15	1,75	5,44	9,69	96	4,36	A	597	A+++	8,50	5,20	214
	2.0+2.0+5.0	1,16	1,16	2,89	2,00	5,20	7,30	0,37	1,17	2,06	1,65	5,30	9,29	96	4,45	A	585	A++	8,09	5,20	225
	2.0+2.5+2.5	1,49	1,86	1,86	1,80	5,20	7,10	0,39	1,19	2,10	1,75	5,39	9,49	96	4,38	A	594	A+++	8,50	5,20	215
	2.0+2.5+3.5	1,30	1,63	2,28	1,90	5,20	7,20	0,39	1,18	2,12	1,75	5,35	9,59	96	4,41	A	590	A+++	8,50	5,20	215
	2.0+3.5+3.5	1,16	2,02	2,02	1,90	5,20	7,30	0,39	1,18	2,12	1,75	5,35	9,59	96	4,42	A	589	A+++	8,50	5,20	215
	2.5+2.5+2.5	1,73	1,73	1,73	1,90	5,20	7,10	0,39	1,19	2,17	1,75	5,39	9,79	96	4,40	A	591	A+++	8,50	5,20	215
	2.5+2.5+3.5	1,53	1,53	2,14	1,90	5,20	7,20	0,39	1,18	2,13	1,75	5,35	9,64	96	4,42	A	589	A+++	8,50	5,20	215

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data					
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C	
3AMXM52M2V1B	2,0	2,70	---	---	1,10	2,70	3,80	0,30	0,76	1,23	1,34	3,40	5,57	96	---	---	---	---	---	---	---
	2,5	3,40	---	---	1,10	3,40	4,00	0,30	1,01	1,28	1,34	4,54	5,78	96	---	---	---	---	---	---	---
	3,5	4,20	---	---	1,10	4,20	4,80	0,30	1,42	1,71	1,34	6,39	7,73	96	---	---	---	---	---	---	---
	5,0	---	5,80	---	1,10	5,80	6,80	0,30	2,17	2,60	1,34	9,80	11,76	96	---	---	---	---	---	---	---
	2.0+2.0	3,40	3,40	---	1,20	6,80	7,00	0,32	1,63	2,35	1,44	7,39	10,61	96	4,18	A	A+	4,23	4,80	1588	0,9
	2.0+2.5	3,02	3,78	---	1,20	6,80	7,00	0,32	1,62	2,33	1,44	7,34	10,51	96	4,22	A	A+	4,26	4,80	1577	0,9
	2.0+3.5	2,47	4,33	---	1,20	6,80	7,10	0,32	1,61	2,30	1,44	7,30	10,41	96	4,24	A	A+	4,29	4,80	1566	0,8
	2.0+5.0	1,94	4,86	---	1,40	6,80	7,20	0,32	1,56	2,28	1,44	7,07	10,32	96	4,36	A	A+	4,46	4,80	1505	0,7
	2.5+2.5	3,40	3,40	---	1,20	6,80	7,00	0,32	1,57	2,35	1,44	7,12	10,62	96	4,35	A	A+	4,34	4,80	1533	0,9
	2.5+3.5	2,83	3,97	---	1,30	6,80	7,20	0,32	1,56	2,37	1,44	7,07	10,73	96	4,36	A	A+	4,37	4,80	1537	0,8
	2.5+5.0	2,27	4,53	---	1,40	6,80	7,40	0,32	1,54	2,33	1,44	6,98	10,52	96	4,44	A	A+	4,49	4,80	1495	0,7
	3.5+3.5	3,40	3,40	---	1,40	6,80	7,30	0,32	1,55	2,44	1,44	7,02	11,02	96	4,40	A	A+	4,36	5,00	1604	0,9
	3.5+5.0	2,80	4,00	---	1,45	6,80	7,50	0,32	1,53	2,37	1,44	6,93	10,72	96	4,46	A	A+	4,48	5,00	1548	0,8
	2.0+2.0+2.0	2,27	2,27	2,27	1,30	6,80	8,00	0,32	1,42	2,21	1,44	6,44	9,99	96	4,81	A	A++	4,60	5,00	1521	0,9
	2.0+2.0+2.5	2,09	2,09	2,62	1,30	6,80	8,00	0,32	1,41	2,19	1,44	6,39	9,89	96	4,85	A	A++	4,61	5,00	1519	0,9
	2.0+2.0+3.5	1,81	1,81	3,17	1,40	6,80	8,10	0,32	1,40	2,21	1,44	6,35	9,99	96	4,88	A	A++	4,62	5,00	1514	0,9
	2.0+2.0+5.0	1,51	1,51	3,78	1,60	6,80	8,30	0,32	1,31	2,12	1,44	5,94	9,59	96	5,20	A	A++	4,76	5,00	1468	0,8
	2.0+2.5+2.5	1,94	2,43	2,43	1,30	6,80	8,00	0,32	1,40	2,17	1,44	6,35	9,79	96	4,89	A	A++	4,62	5,00	1514	0,9
	2.0+2.5+3.5	1,70	2,13	2,98	1,50	6,80	8,10	0,32	1,38	2,19	1,44	6,25	9,89	96	4,93	A	A++	4,63	5,00	1510	0,9
	2.0+3.5+3.5	1,51	2,64	2,64	1,50	6,80	8,20	0,32	1,38	2,15	1,44	6,25	9,69	96	4,95	A	A++	4,64	5,00	1507	0,9
	2.5+2.5+2.5	2,27	2,27	2,27	1,40	6,80	8,00	0,32	1,39	2,15	1,44	6,30	9,69	96	4,92	A	A++	4,61	5,00	1505	0,9
	2.5+2.5+3.5	2,00	2,00	2,80	1,50	6,80	8,10	0,32	1,38	2,16	1,44	6,25	9,74	96	4,95	A	A++	4,64	5,00	1509	0,9

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Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
2MXS40H	1.5+1.5	1.5	1.5	1.75	3.0	3.57	0.35	0.66	0.83	1.60	3.1	3.80	94	4.55	A	330	A++	6.13	3.00	172
	1.5+2.0	1.5	2.0	1.75	3.5	3.96	0.35	0.81	0.99	1.60	3.7	4.60	94	4.32	A	405	A++	6.33	3.50	194
	1.5+2.5	1.5	2.5	1.75	4.0	4.22	0.35	1.02	1.12	1.60	4.7	5.20	94	3.92	A	510	A++	6.47	4.00	217
	1.5+3.5	1.2	2.8	1.75	4.0	4.34	0.35	0.99	1.14	1.60	4.6	5.30	94	4.04	A	495	A++	6.42	4.00	218
	2.0+2.0	2.0	2.0	1.75	4.0	4.20	0.31	1.04	1.12	1.40	4.8	5.20	94	3.85	A	520	A++	6.61	4.00	212
	2.0+2.5	1.9	2.2	1.75	4.0	4.30	0.31	1.03	1.17	1.40	4.8	5.40	94	3.88	A	515	A++	6.63	4.00	212
	2.0+3.5	1.8	2.3	1.75	4.0	4.50	0.31	1.00	1.23	1.40	4.6	5.70	94	4.00	A	500	A++	6.52	4.00	215
	2.5+2.5	2.0	2.0	1.75	4.0	4.40	0.31	1.02	1.23	1.40	4.7	5.70	94	3.92	A	510	A++	6.64	4.00	211
	2.5+3.5	1.8	2.2	1.75	4.0	4.60	0.31	0.99	1.31	1.40	4.6	6.10	94	4.04	A	495	A++	6.53	4.00	215

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
2MXS40H	1.5+1.5	1.9	1.9	1.30	3.8	4.26	0.30	0.90	1.11	1.40	4.1	5.10	95	4.22	A	A+	4.06	3.01	1038	0,57
	1.5+2.0	1.7	2.3	1.30	4.0	4.44	0.30	0.95	1.15	1.40	4.3	5.30	95	4.21	A	A+	4.10	3.03	1035	0,59
	1.5+2.5	1.6	2.6	1.30	4.2	4.58	0.30	1.02	1.22	1.40	4.7	5.60	95	4.12	A	A+	4.11	3.03	1032	0,58
	1.5+3.5	1.3	3.1	1.30	4.4	4.70	0.29	1.09	1.20	1.30	5.0	5.50	95	4.04	A	A+	4.16	3.00	1011	0,59
	2.0+2.0	2.1	2.1	1.40	4.2	4.60	0.27	1.01	1.17	1.20	4.6	5.40	95	4.16	A	A+	4.12	3.03	1029	0,58
	2.0+2.5	2.1	2.3	1.40	4.4	4.70	0.27	1.08	1.21	1.20	4.9	5.50	96	4.07	A	A+	4.13	3.03	1028	0,58
	2.0+3.5	2.0	2.4	1.40	4.4	4.70	0.26	1.06	1.19	1.20	4.8	5.40	96	4.15	A	A+	4.14	2.97	1004	0,56
	2.5+2.5	2.2	2.2	1.40	4.4	4.70	0.27	1.07	1.20	1.20	4.8	5.40	96	4.11	A	A+	4.18	3.03	1016	0,58
	2.5+3.5	2.1	2.4	1.40	4.4	4.70	0.26	1.05	1.18	1.20	4.8	5.30	96	4.19	A	A+	4.13	2.96	1003	0,56

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB(Outdoor temperature)
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB(Outdoor temperature).
2. The total ability of connected indoor unit is up to 6.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5kW: wall mounted FTXS-K series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
2MXS50H	1.5+1.5	1.50	1.50	1.88	3.00	3.15	0.33	0.55	0.58	1.60	2.60	2.80	91	5.45	A	275	A++	6.42	3.00	164
	1.5+2.0	1.50	2.00	1.88	3.50	3.73	0.32	0.67	0.75	1.50	3.20	3.60	91	5.22	A	335	A++	6.74	3.50	182
	1.5+2.5	1.50	2.50	1.88	4.00	4.23	0.32	0.87	0.97	1.50	4.20	4.60	91	4.60	A	435	A++	6.68	4.00	210
	1.5+3.5	1.50	3.50	1.88	5.00	5.00	0.32	1.35	1.35	1.50	6.50	6.50	91	3.70	A	675	A++	6.43	5.00	273
	1.5+4.2	1.32	3.68	1.95	5.00	5.37	0.34	1.35	1.67	1.60	6.50	8.00	91	3.70	A	675	A++	6.46	5.00	271
	1.5+5.0	1.15	3.85	1.95	5.00	5.50	0.34	1.35	1.81	1.60	6.50	8.60	91	3.70	A	675	A++	6.45	5.00	272
	2.0+2.0	2.00	2.00	1.95	4.00	5.00	0.34	0.87	1.36	1.60	4.20	6.50	91	4.60	A	435	A++	6.73	4.00	208
	2.0+2.5	2.00	2.50	1.95	4.50	5.10	0.34	1.07	1.45	1.60	5.10	6.90	91	4.21	A	535	A++	6.70	4.50	235
	2.0+3.5	1.82	3.18	1.95	5.00	5.40	0.34	1.35	1.62	1.60	6.50	7.70	91	3.70	A	675	A++	6.50	5.00	270
	2.0+4.2	1.61	3.39	1.95	5.00	5.50	0.34	1.34	1.73	1.60	6.40	8.30	91	3.73	A	670	A++	6.53	5.00	269
	2.0+5.0	1.43	3.57	1.95	5.00	5.50	0.34	1.31	1.71	1.60	6.30	8.20	91	3.82	A	655	A++	6.51	5.00	269
	2.5+2.5	2.50	2.50	1.95	5.00	5.30	0.34	1.38	1.61	1.60	6.60	7.70	91	3.62	A	690	A++	6.61	5.00	265
	2.5+3.5	2.08	2.92	1.95	5.00	5.40	0.34	1.34	1.61	1.60	6.40	7.70	91	3.73	A	670	A++	6.52	5.00	269
	2.5+4.2	1.87	3.13	1.95	5.00	5.50	0.34	1.33	1.72	1.60	6.40	8.20	91	3.76	A	665	A++	6.53	5.00	268
	2.5+5.0	1.67	3.33	1.95	5.00	5.50	0.34	1.30	1.70	1.60	6.20	8.10	91	3.85	A	650	A++	6.53	5.00	269
	3.5+3.5	2.50	2.50	1.98	5.00	5.40	0.34	1.29	1.55	1.60	6.20	7.40	91	3.88	A	645	A++	6.44	5.00	272
	3.5+4.2	2.27	2.73	1.98	5.00	5.50	0.34	1.28	1.65	1.60	6.10	7.90	91	3.91	A	640	A++	6.45	5.00	272
	3.5+5.0	2.06	2.94	1.98	5.00	5.50	0.34	1.27	1.62	1.60	6.10	7.70	91	3.94	A	635	A++	6.44	5.00	272
	4.2+4.2	2.50	2.50	1.98	5.00	5.50	0.34	1.27	1.62	1.60	6.10	7.70	91	3.94	A	635	A++	6.47	5.00	271

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)		Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
2MXS50H	1.5+1.5	1.99	1.99	1.17	3.97	4.54	0.22	0.95	1.20	1.1	4.5	5.7	91	4.18	A	A	3.95	3.3	1169	0.64
	1.5+2.0	1.9	2.53	1.17	4.43	4.89	0.22	1.08	1.29	1.1	5.2	6.2	91	4.10	A	A	3.97	3.32	1172	0.64
	1.5+2.5	1.81	3.02	1.17	4.83	5.19	0.23	1.16	1.39	1.1	5.5	6.6	91	4.16	A	A	3.98	3.88	1364	0.75
	1.5+3.5	1.64	3.82	1.17	5.46	5.7	0.23	1.39	1.60	1.1	6.6	7.6	91	3.93	A	A+	4.09	4.25	1454	0.81
	1.5+4.2	1.5	4.2	1.17	5.7	5.96	0.24	1.41	1.53	1.1	6.7	7.3	91	4.04	A	A+	4.06	4.39	1515	0.84
	1.5+5.0	1.32	4.38	1.17	5.7	6.16	0.24	1.44	1.62	1.1	6.9	7.7	91	3.96	A	A+	4.04	4.37	1514	0.83
	2.0+2.0	2.65	2.65	1.18	5.3	5.7	0.23	1.34	1.51	1.1	6.4	7.2	91	3.96	A	A	3.99	3.89	1367	0.75
	2.0+2.5	2.44	3.06	1.18	5.5	5.8	0.23	1.37	1.52	1.1	6.5	7.3	91	4.01	A	A+	4	3.9	1365	0.75
	2.0+3.5	2.04	3.56	1.24	5.6	5.9	0.24	1.39	1.55	1.1	6.6	7.4	91	4.03	A	A+	4.12	4.27	1453	0.81
	2.0+4.2	1.84	3.86	1.25	5.7	6	0.25	1.35	1.50	1.2	6.5	7.2	91	4.22	A	A+	4.09	4.41	1509	0.86
	2.0+5.0	1.63	4.07	1.29	5.7	6.2	0.25	1.38	1.55	1.2	6.6	7.4	91	4.13	A	A+	4.07	4.39	1510	0.86
	2.5+2.5	2.8	2.8	1.18	5.6	5.8	0.23	1.42	1.52	1.1	6.8	7.3	91	3.94	A	A+	4	4.19	1466	0.8
	2.5+3.5	2.38	3.32	1.24	5.7	6	0.25	1.41	1.58	1.2	6.7	7.5	91	4.04	A	A+	4.1	4.41	1507	0.86
	2.5+4.2	2.13	3.57	1.25	5.7	6.1	0.25	1.36	1.51	1.2	6.5	7.2	91	4.19	A	A+	4.11	4.42	1506	0.86
	2.5+5.0	1.9	3.8	1.35	5.7	6.3	0.26	1.35	1.56	1.2	6.5	7.5	91	4.22	A	A+	4.09	4.4	1508	0.86
	3.5+3.5	2.85	2.85	1.3	5.7	6.1	0.25	1.46	1.63	1.2	7	7.8	91	3.90	A	A+	4.3	4.5	1467	0.87
	3.5+4.2	2.59	3.11	1.31	5.7	6.2	0.26	1.38	1.51	1.2	6.6	7.2	91	4.13	A	A+	4.28	4.51	1476	0.87
	3.5+5.0	2.35	3.35	1.35	5.7	6.4	0.27	1.38	1.56	1.3	6.6	7.5	91	4.13	A	A+	4.21	4.49	1493	0.87
	4.2+4.2	2.85	2.85	1.32	5.7	6.3	0.23	1.31	1.50	1.1	6.3	7.2	91	4.35	A	A+	4.29	4.52	1475	0.88

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 8.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
3MXS40K	1.5+1.5	1.50	1.50	---	---	1.78	3.00	4.20	0.35	0.63	1.12	1.60	2.80	5.00	98.00	4.76	A	315	A++	6.55	3.00	161
	1.5+2.0	1.50	2.00	---	---	1.78	3.50	4.20	0.35	0.80	1.12	1.50	3.50	4.90	99.00	4.38	A	400	A++	6.77	3.50	182
	1.5+2.5	1.50	2.50	---	---	1.78	4.00	4.20	0.35	0.98	1.12	1.50	4.30	4.90	99.00	4.08	A	490	A++	6.86	4.00	205
	1.5+3.5	1.20	2.80	---	---	1.78	4.00	4.21	0.35	0.98	1.12	1.50	4.30	4.90	99.00	4.08	A	490	A++	6.69	4.00	210
	2.0+2.0	2.00	2.00	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.50	4.20	4.90	99.00	4.21	A	475	A++	6.90	4.00	203
	2.0+2.5	1.78	2.22	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.50	4.20	4.90	99.00	4.21	A	475	A++	6.90	4.00	203
	2.0+3.5	1.45	2.55	---	---	1.88	4.00	4.55	0.35	0.95	1.09	1.50	4.20	4.80	99.00	4.21	A	475	A++	6.73	4.00	209
	2.5+2.5	2.00	2.00	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.50	4.20	4.90	99.00	4.21	A	475	A++	6.90	4.00	203
	2.5+3.5	1.67	2.33	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.50	4.20	4.90	99.00	4.21	A	475	A++	6.73	4.00	209
	3.5+3.5	2.00	2.00	---	---	1.88	4.00	4.58	0.35	0.95	1.12	1.50	4.20	4.90	99.00	4.21	A	475	A++	6.56	4.00	214
	1.5+1.5+1.5	1.33	1.33	1.33	---	1.80	4.00	4.60	0.35	0.83	0.98	1.50	3.60	4.30	99.00	4.82	A	415	A++	6.97	4.00	201
	1.5+1.5+2.0	1.20	1.20	1.60	---	1.80	4.00	4.60	0.35	0.84	0.98	1.50	3.70	4.30	99.00	4.76	A	420	A++	6.97	4.00	201
	1.5+1.5+2.5	1.09	1.09	1.82	---	1.80	4.00	4.60	0.35	0.84	0.98	1.50	3.70	4.30	99.00	4.76	A	420	A++	6.97	4.00	201
	1.5+1.5+3.5	0.92	0.92	2.15	---	1.80	4.00	4.60	0.37	0.84	0.98	1.60	3.70	4.30	99.00	4.76	A	420	A++	6.80	4.00	206
	1.5+2.0+2.0	1.09	1.45	1.45	---	1.80	4.00	4.60	0.35	0.84	0.98	1.50	3.70	4.30	99.00	4.76	A	420	A++	6.98	4.00	201
	1.5+2.0+2.5	1.00	1.33	1.67	---	1.80	4.00	4.60	0.35	0.84	0.98	1.50	3.70	4.30	99.00	4.76	A	420	A++	6.98	4.00	201
	1.5+2.0+3.5	0.86	1.14	2.00	---	1.80	4.00	4.60	0.37	0.84	0.98	1.60	3.70	4.30	99.00	4.76	A	420	A++	6.81	4.00	206
	1.5+2.5+2.5	0.92	1.54	1.54	---	1.80	4.00	4.60	0.37	0.84	0.98	1.60	3.70	4.30	99.00	4.76	A	420	A++	6.98	4.00	201
	2.0+2.0+2.0	1.33	1.33	1.33	---	1.86	4.00	4.60	0.35	0.81	0.98	1.50	3.60	4.30	99.00	4.94	A	405	A++	7.02	4.00	200
	2.0+2.0+2.5	1.23	1.23	1.54	---	1.86	4.00	4.60	0.35	0.81	0.98	1.50	3.60	4.30	99.00	4.94	A	405	A++	7.02	4.00	200
	2.0+2.5+2.5	1.14	1.43	1.43	---	1.95	4.00	4.60	0.37	0.81	0.98	1.60	3.60	4.30	99.00	4.94	A	405	A++	7.02	4.00	200

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
3MXS40K	1.5+1.5	2.30	2.30	---	---	1.22	4.60	5.00	0.31	1.11	1.29	1.4	4.9	5.7	99	4.14	A	A+	4.09	3.59	1229	0.68
	1.5+2.0	1.97	2.63	---	---	1.22	4.60	5.00	0.31	1.11	1.29	1.4	4.9	5.7	99	4.14	A	A+	4.12	3.61	1227	0.68
	1.5+2.5	1.73	2.88	---	---	1.22	4.60	5.00	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.04	4.73	1640	0.91
	1.5+3.5	1.38	3.22	---	---	1.25	4.60	5.02	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.17	4.84	1624	0.93
	2.0+2.0	2.30	2.30	---	---	1.28	4.60	5.00	0.31	1.11	1.29	1.4	4.9	5.7	99	4.14	A	A+	4.05	4.75	1641	0.92
	2.0+2.5	2.04	2.56	---	---	1.28	4.60	5.00	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.07	4.76	1636	0.92
	2.0+3.5	1.67	2.93	---	---	1.34	4.60	5.02	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.23	4.86	1609	0.93
	2.5+2.5	2.30	2.30	---	---	1.28	4.60	5.00	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.08	4.77	1636	0.92
	2.5+3.5	1.92	2.68	---	---	1.34	4.60	5.02	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.24	4.87	1610	0.93
	3.5+3.5	2.30	2.30	---	---	1.40	4.60	5.04	0.31	1.10	1.28	1.4	4.8	5.6	99	4.18	A	A+	4.37	4.93	1580	0.94
	1.5+1.5+1.5	1.53	1.53	1.53	---	1.32	4.60	5.00	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.29	4.93	1609	0.94
	1.5+1.5+2.0	1.38	1.38	1.84	---	1.32	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.31	4.94	1605	0.95
	1.5+1.5+2.5	1.25	1.25	2.09	---	1.32	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.31	4.94	1603	0.94
	1.5+1.5+3.5	1.06	1.06	2.48	---	1.32	4.60	5.09	0.32	0.91	1.01	1.4	4.0	4.4	99	5.05	A	A+	4.39	4.95	1578	0.94
	1.5+2.0+2.0	1.25	1.67	1.67	---	1.32	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.32	4.94	1602	0.94
	1.5+2.0+2.5	1.15	1.53	1.92	---	1.33	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.36	4.94	1588	0.94
	1.5+2.0+3.5	0.99	1.31	2.30	---	1.33	4.60	5.09	0.32	0.91	1.01	1.4	4.0	4.4	99	5.05	A	A+	4.40	4.95	1575	0.95
	1.5+2.5+2.5	1.06	1.77	1.77	---	1.33	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.34	4.95	1596	0.95
	2.0+2.0+2.0	1.53	1.53	1.53	---	1.34	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.34	4.95	1596	0.95
	2.0+2.0+2.5	1.42	1.42	1.77	---	1.34	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.35	4.95	1594	0.95
	2.0+2.5+2.5	1.31	1.64	1.64	---	1.45	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.36	4.95	1590	0.94

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 7.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5kW: wall mounted FTXS-K series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
3MXS52E	1.5+1.5	1.50	1.50	---	---	1.88	3.00	4.72	0.35	0.61	1.30	1.5	2.7	5.7	99	4.92	A	305	A++	6.55	3.00	161
	1.5+2.0	1.50	2.00	---	---	1.88	3.50	4.72	0.35	0.77	1.30	1.5	3.4	5.7	99	4.55	A	385	A++	6.77	3.50	182
	1.5+2.5	1.50	2.50	---	---	1.88	4.00	5.68	0.35	0.95	1.91	1.5	4.2	8.4	99	4.21	A	475	A++	6.86	4.00	205
	1.5+3.5	1.50	3.50	---	---	1.88	5.00	5.99	0.35	1.45	2.17	1.5	6.4	9.5	99	3.45	A	725	A++	6.76	5.00	259
	1.5+4.2	1.37	3.83	---	---	1.88	5.20	6.08	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.81	5.20	268
	1.5+5.0	1.20	---	4.00	---	1.88	5.20	6.29	0.35	1.46	2.27	1.5	6.4	10.0	99	3.56	A	730	A++	6.79	5.20	269
	2.0+2.0	2.00	2.00	---	---	1.88	4.00	5.96	0.35	0.95	1.91	1.5	4.2	8.4	99	4.21	A	475	A++	6.90	4.00	203
	2.0+2.5	2.00	2.50	---	---	1.88	4.50	6.23	0.35	1.18	2.14	1.5	5.2	9.4	99	3.81	A	590	A++	6.90	4.50	229
	2.0+3.5	1.89	3.31	---	---	1.88	5.20	6.24	0.35	1.55	2.07	1.5	6.8	9.1	99	3.35	A	775	A++	6.83	5.20	267
	2.0+4.2	1.68	3.52	---	---	1.88	5.20	6.25	0.35	1.55	2.07	1.5	6.8	9.1	99	3.35	A	775	A++	6.85	5.20	266
	2.0+5.0	1.49	---	3.71	---	1.88	5.20	6.47	0.35	1.42	2.15	1.5	6.2	9.4	99	3.66	A	710	A++	6.83	5.20	267
	2.5+2.5	2.50	2.50	---	---	1.88	5.00	6.23	0.35	1.45	2.14	1.5	6.4	9.4	99	3.45	A	725	A++	6.93	5.00	253
	2.5+3.5	2.17	3.03	---	---	1.88	5.20	6.35	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.83	5.20	267
	2.5+4.2	1.94	3.26	---	---	1.88	5.20	6.36	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.85	5.20	266
	2.5+5.0	1.73	---	3.47	---	1.88	5.20	6.47	0.35	1.42	2.07	1.5	6.2	9.1	99	3.66	A	710	A++	6.85	5.20	266
	3.5+3.5	2.60	2.60	---	---	1.88	5.20	6.40	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.72	5.20	271
	3.5+4.2	2.36	2.84	---	---	1.88	5.20	6.41	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.72	5.20	271
	3.5+5.0	2.14	---	3.06	---	1.88	5.21	6.49	0.35	1.42	2.09	1.5	6.2	9.2	99	3.67	A	710	A++	6.72	5.20	271
	4.2+4.2	2.60	2.60	---	---	1.88	5.20	6.42	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.72	5.20	271
	1.5+1.5+1.5	1.50	1.50	1.50	---	1.86	4.50	6.71	0.35	0.97	2.16	1.5	4.3	9.5	99	4.64	A	485	A++	7.06	4.50	223
	1.5+1.5+2.0	1.50	1.50	2.00	---	1.86	5.00	6.71	0.35	1.18	2.16	1.5	5.2	9.5	99	4.24	A	590	A++	7.15	5.00	245
	1.5+1.5+2.5	1.42	1.42	2.36	---	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.17	5.20	254
	1.5+1.5+3.5	1.20	1.20	2.80	---	1.95	5.20	6.72	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.05	5.20	259
	1.5+1.5+4.2	1.08	1.08	3.03	---	1.95	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.05	5.20	259
	1.5+1.5+5.0	0.98	0.98	3.25	---	2.11	5.20	6.90	0.35	1.21	2.17	1.5	5.3	9.5	99	4.30	A	605	A++	7.05	5.20	259
	1.5+2.0+2.0	1.42	1.89	1.89	---	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.20	5.20	253
	1.5+2.0+2.5	1.30	1.73	2.17	---	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.20	5.20	253
	1.5+2.0+3.5	1.11	1.49	2.60	---	1.95	5.20	6.72	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.07	5.20	258
	1.5+2.0+4.2	1.01	1.35	2.84	---	1.95	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.06	5.20	258
	1.5+2.0+5.0	0.92	1.22	3.06	---	2.11	5.20	6.90	0.35	1.21	2.17	1.5	5.3	9.5	99	4.30	A	605	A++	7.07	5.20	258
	1.5+2.5+2.5	1.20	2.00	2.00	---	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.20	5.20	253
	1.5+2.5+3.5	1.04	1.73	2.43	---	1.95	5.20	6.72	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.06	5.20	258
	1.5+2.5+4.2	0.95	1.59	2.66	---	1.95	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.06	5.20	258
	1.5+2.5+5.0	0.87	1.44	2.89	---	2.11	5.20	6.90	0.35	1.21	2.17	1.5	5.3	9.5	99	4.30	A	605	A++	7.06	5.20	258
	1.5+3.5+3.5	0.92	2.14	2.14	---	1.86	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	6.93	5.20	263
	2.0+2.0+2.0	1.73	1.73	1.73	---	1.86	5.19	7.04	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.22	5.19	252
	2.0+2.0+2.5	1.60	1.60	1.99	---	1.86	5.19	7.04	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.23	5.19	252
	2.0+2.0+3.5	1.38	1.38	2.43	---	1.95	5.19	7.06	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	7.08	5.19	257
	2.0+2.0+4.2	1.27	1.27	2.66	---	1.95	5.20	7.07	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	7.09	5.20	257
	2.0+2.0+5.0	1.16	1.16	2.88	---	2.11	5.20	7.30	0.38	1.22	2.26	1.7	5.4	9.9	99	4.26	A	610	A++	7.08	5.20	258
	2.0+2.5+2.5	1.49	1.85	1.85	---	1.86	5.19	7.04	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.23	5.19	252
	2.0+2.5+3.5	1.30	1.63	2.27	---	1.95	5.20	7.06	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	7.08	5.20	258
	2.0+2.5+4.2	1.20	1.49	2.51	---	1.95	5.20	7.07	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	7.09	5.20	257
	2.0+3.5+3.5	1.16	2.02	2.02	---	1.95	5.20	7.07	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	6.94	5.20	263
	2.5+2.5+2.5	1.73	1.73	1.73	---	1.95	5.19	7.04	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	7.23	5.19	252
	2.5+2.5+3.5	1.53	1.53	2.14	---	1.95	5.20	7.06	0.37	1.23	2.16	1.6	5.4	9.5	99	4.23	A	615	A++	7.09	5.20	257

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor Temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°DB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 9.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
3MXS52E	1.5+1.5	1.81	1.81	---	---	1.28	3.62	5.81	0.31	0.81	1.64	1.4	3.6	7.2	99	4.47	A	A+	4.09	3.59	1229	0.68
	1.5+2.0	1.74	2.33	---	---	1.28	4.07	5.81	0.31	0.94	1.64	1.4	4.1	7.2	99	4.33	A	A+	4.12	3.61	1227	0.68
	1.5+2.5	1.70	2.83	---	---	1.28	4.53	6.93	0.31	1.07	2.28	1.4	4.7	10.0	99	4.23	A	A+	4.04	4.73	1640	0.91
	1.5+3.5	1.63	3.79	---	---	1.28	5.42	6.96	0.31	1.37	2.28	1.4	6.0	10.0	99	3.96	A	A+	4.17	4.84	1624	0.93
	1.5+4.2	1.59	4.46	---	---	1.28	6.05	6.98	0.31	1.64	2.27	1.4	7.2	10.0	99	3.69	A	A+	4.18	4.85	1625	0.93
	1.5+5.0	1.56	---	5.21	---	1.27	6.77	7.20	0.31	1.83	2.32	1.4	8.0	10.2	99	3.70	A	A+	4.16	4.83	1626	0.93
	2.0+2.0	3.05	3.05	---	---	1.28	6.10	7.00	0.31	1.70	2.28	1.4	7.5	10.0	99	3.59	B	A+	4.05	4.75	1641	0.92
	2.0+2.5	2.78	3.47	---	---	1.28	6.25	7.00	0.31	1.75	2.28	1.4	7.7	10.0	99	3.57	B	A+	4.07	4.76	1636	0.92
	2.0+3.5	2.38	4.17	---	---	1.34	6.55	7.04	0.31	1.86	2.28	1.4	8.2	10.0	99	3.52	B	A+	4.23	4.86	1609	0.93
	2.0+4.2	2.16	4.54	---	---	1.34	6.70	7.05	0.31	1.93	2.27	1.4	8.5	10.0	99	3.47	B	A+	4.24	4.87	1610	0.94
	2.0+5.0	1.94	---	4.86	---	1.39	6.80	7.20	0.31	1.87	2.32	1.4	8.2	10.2	99	3.64	A	A+	4.18	4.85	1625	0.93
	2.5+2.5	3.25	3.25	---	---	1.28	6.50	7.00	0.31	1.86	2.31	1.4	8.2	10.1	99	3.49	B	A+	4.08	4.77	1636	0.92
	2.5+3.5	2.79	3.91	---	---	1.34	6.70	7.19	0.31	1.93	2.36	1.4	8.5	10.4	99	3.47	B	A+	4.24	4.87	1610	0.93
	2.5+4.2	2.54	4.26	---	---	1.34	6.80	7.21	0.31	1.93	2.35	1.4	8.5	10.3	99	3.52	B	A+	4.25	4.88	1608	0.94
	2.5+5.0	2.27	---	4.53	---	1.45	6.80	7.35	0.31	1.87	2.32	1.4	8.2	10.2	99	3.64	A	A+	4.23	4.86	1609	0.93
	3.5+3.5	3.40	3.40	---	---	1.40	6.80	7.22	0.31	1.97	2.35	1.4	8.7	10.3	99	3.45	B	A+	4.37	4.93	1580	0.94
	3.5+4.2	3.09	3.71	---	---	1.40	6.80	7.24	0.31	1.97	2.35	1.4	8.7	10.3	99	3.45	B	A+	4.37	4.93	1579	0.94
	3.5+5.0	2.80	---	4.00	---	1.45	6.80	7.50	0.31	1.83	2.31	1.4	8.0	10.1	99	3.72	A	A+	4.36	4.92	1581	0.94
	4.2+4.2	3.40	3.40	---	---	1.40	6.80	7.26	0.31	1.96	2.34	1.4	8.6	10.3	99	3.47	B	A+	4.42	4.94	1566	0.95
	1.5+1.5+1.5	1.66	1.66	1.66	---	1.34	4.97	8.02	0.32	1.02	2.14	1.4	4.5	9.4	99	4.87	A	A+	4.29	4.93	1609	0.94
	1.5+1.5+2.0	1.63	1.63	2.17	---	1.34	5.42	8.02	0.32	1.12	2.14	1.4	4.9	9.4	99	4.84	A	A+	4.31	4.94	1605	0.95
	1.5+1.5+2.5	1.60	1.60	2.67	---	1.34	5.87	8.02	0.32	1.26	2.14	1.4	5.5	9.4	99	4.66	A	A+	4.31	4.94	1603	0.94
	1.5+1.5+3.5	1.56	1.56	3.65	---	1.45	6.77	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.34	A	A+	4.39	4.95	1578	0.94
	1.5+1.5+4.2	1.42	1.42	3.97	---	1.45	6.80	8.06	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.40	4.95	1576	0.95
	1.5+1.5+5.0	1.28	1.28	4.25	---	1.67	6.80	8.27	0.32	1.64	2.11	1.4	7.2	9.3	99	4.15	A	A+	4.39	4.95	1580	0.94
	1.5+2.0+2.0	1.60	2.13	2.13	---	1.34	5.87	8.02	0.32	1.26	2.14	1.4	5.5	9.4	99	4.66	A	A+	4.32	4.94	1602	0.94
	1.5+2.0+2.5	1.58	2.11	2.63	---	1.34	6.32	8.02	0.32	1.41	2.14	1.4	6.2	9.4	99	4.48	A	A+	4.36	4.94	1588	0.94
	1.5+2.0+3.5	1.46	1.94	3.40	---	1.45	6.80	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.40	4.95	1575	0.95
	1.5+2.0+4.2	1.32	1.77	3.71	---	1.45	6.80	8.06	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.43	4.94	1563	0.94
	1.5+2.0+5.0	1.20	1.60	4.00	---	1.67	6.80	8.27	0.32	1.64	2.11	1.4	7.2	9.3	99	4.15	A	A+	4.40	4.95	1576	0.95
	1.5+2.5+2.5	1.56	2.60	2.60	---	1.34	6.77	8.02	0.32	1.57	2.14	1.4	6.9	9.4	99	4.31	A	A+	4.34	4.95	1596	0.95
	1.5+2.5+3.5	1.36	2.27	3.17	---	1.45	6.80	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.43	4.94	1563	0.94
	1.5+2.5+4.2	1.24	2.07	3.48	---	1.45	6.80	8.06	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.42	4.94	1564	0.94
	1.5+2.5+5.0	1.13	1.89	3.78	---	1.67	6.80	8.27	0.32	1.64	2.11	1.4	7.2	9.3	99	4.15	A	A+	4.40	4.95	1575	0.95
	1.5+3.5+3.5	1.20	2.80	2.80	---	1.34	6.80	8.08	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.47	4.90	1537	0.93
	2.0+2.0+2.0	2.26	2.26	2.26	---	1.34	6.78	8.02	0.32	1.57	2.14	1.4	6.9	9.4	99	4.32	A	A+	4.34	4.95	1596	0.95
	2.0+2.0+2.5	2.09	2.09	2.60	---	1.34	6.78	8.02	0.32	1.57	2.14	1.4	6.9	9.4	99	4.32	A	A+	4.35	4.95	1594	0.95
	2.0+2.0+3.5	1.80	1.80	3.18	---	1.45	6.78	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.35	A	A+	4.43	4.94	1562	0.94
	2.0+2.0+4.2	1.66	1.66	3.48	---	1.45	6.80	8.06	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.44	4.94	1558	0.94
	2.0+2.0+5.0	1.51	1.51	3.78	---	1.67	6.80	8.27	0.32	1.64	2.11	1.4	7.2	9.3	99	4.15	A	A+	4.43	4.94	1563	0.94
	2.0+2.5+2.5	1.94	2.42	2.42	---	1.34	6.78	8.02	0.32	1.57	2.14	1.4	6.9	9.4	99	4.32	A	A+	4.36	4.95	1590	0.94
	2.0+2.5+3.5	1.70	2.13	2.98	---	1.57	6.80	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.44	4.94	1557	0.94
	2.0+2.5+4.2	1.56	1.95	3.28	---	1.56	6.80	8.06	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.44	4.94	1559	0.95
	2.0+3.5+3.5	1.52	2.64	2.64	---	1.56	6.80	8.08	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.49	4.89	1525	0.94
	2.5+2.5+2.5	2.26	2.26	2.26	---	1.45	6.78	8.02	0.32	1.57	2.14	1.4	6.9	9.4	99	4.32	A	A+	4.40	4.95	1574	0.94
	2.5+2.5+3.5	2.00	2.00	2.80	---	1.57	6.80	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A	A+	4.46	4.93	1549	0.94

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor Temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°DB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 9.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
3MXS68G	1.5+1.5	1.50	1.50	---	---	1.97	3.00	4.70	0.43	0.65	1.29	1.9	2.9	5.7	99	4.62	A	325	B	4.98	3.00	211
	1.5+2.0	1.50	2.00	---	---	1.97	3.50	4.86	0.43	0.80	1.37	1.9	3.5	6.0	99	4.38	A	400	B	5.09	3.50	241
	1.5+2.5	1.50	2.50	---	---	1.97	4.00	6.04	0.43	0.99	2.04	1.9	4.3	9.0	99	4.04	A	495	A	5.16	4.00	272
	1.5+3.5	1.50	3.50	---	---	1.97	5.00	6.25	0.42	1.39	2.20	1.8	6.1	9.7	99	3.60	A	695	A	5.14	5.00	341
	1.5+4.2	1.50	4.20	---	---	1.97	5.70	6.26	0.42	1.79	2.20	1.8	7.9	9.7	99	3.18	B	895	A	5.16	5.70	387
	1.5+5.0	1.50	5.00	---	---	1.97	6.50	7.06	0.41	2.22	2.60	1.8	9.7	11.4	99	2.93	C	1110	B	4.94	6.50	461
	1.5+6.0	1.36	5.44	---	---	1.98	6.80	7.38	0.40	2.26	2.60	1.8	9.9	11.4	99	3.01	B	1130	A	5.43	6.80	439
	2.0+2.0	2.00	2.00	---	---	1.97	4.00	5.02	0.43	1.00	1.45	1.9	4.4	6.4	99	4.00	A	500	A	5.18	4.00	271
	2.0+2.5	2.00	2.50	---	---	1.97	4.50	5.33	0.43	1.20	1.61	1.9	5.3	7.1	99	3.75	A	600	A	5.22	4.50	302
	2.0+3.5	2.00	3.50	---	---	1.97	5.50	6.18	0.42	1.66	2.15	1.8	7.3	9.4	99	3.31	A	830	A	5.23	5.50	368
	2.0+4.2	2.00	4.20	---	---	1.97	6.20	6.38	0.42	2.09	2.30	1.8	9.2	10.1	99	2.97	C	1045	B	5.08	6.20	428
	2.0+5.0	1.94	4.86	---	---	1.97	6.80	7.12	0.41	2.41	2.65	1.8	10.6	11.6	99	2.82	C	1205	B	4.93	6.80	483
	2.0+6.0	1.70	5.10	---	---	1.98	6.80	7.56	0.40	2.21	2.75	1.8	9.7	12.1	99	3.08	B	1105	A	5.49	6.80	434
	2.5+2.5	2.50	2.50	---	---	1.97	5.00	5.98	0.45	1.46	2.00	2.0	6.4	8.8	99	3.42	A	730	A	5.26	5.00	333
	2.5+3.5	2.50	3.50	---	---	1.97	6.00	6.44	0.43	2.06	2.37	1.9	9.0	10.4	99	2.91	C	1030	A	5.12	6.00	411
	2.5+4.2	2.50	4.20	---	---	1.97	6.70	6.81	0.43	2.54	2.67	1.9	11.2	11.7	99	2.64	D	1270	B	4.96	6.70	473
	2.5+5.0	2.27	4.53	---	---	1.97	6.80	7.23	0.40	2.41	2.75	1.8	10.6	12.1	99	2.82	C	1205	B	4.93	6.80	483
	2.5+6.0	2.00	4.80	---	---	1.98	6.80	7.56	0.38	2.21	2.75	1.7	9.7	12.1	99	3.08	B	1105	A	5.49	6.80	434
	3.5+3.5	3.40	3.40	---	---	1.97	6.80	6.99	0.41	2.51	2.66	1.8	11.0	11.7	99	2.71	D	1255	B	4.91	6.80	485
	3.5+4.2	3.09	3.71	---	---	1.97	6.80	7.10	0.41	2.51	2.76	1.8	11.0	12.1	99	2.71	D	1255	B	4.95	6.80	481
	3.5+5.0	2.80	4.00	---	---	1.97	6.80	7.61	0.38	2.41	3.12	1.7	10.6	13.7	99	2.82	C	1205	B	4.91	6.80	485
	3.5+6.0	2.51	4.29	---	---	2.28	6.80	7.91	0.43	2.21	3.06	1.9	9.7	13.4	99	3.08	B	1105	A	5.45	6.80	437
	4.2+4.2	3.40	3.40	---	---	1.97	6.80	7.00	0.41	2.51	2.66	1.8	11.0	11.7	99	2.71	D	1255	B	4.96	6.80	480
	4.2+5.0	3.10	3.70	---	---	1.97	6.80	7.62	0.38	2.41	3.12	1.7	10.6	13.7	99	2.82	C	1205	B	4.96	6.80	481
	4.2+6.0	2.80	4.00	---	---	2.28	6.80	7.92	0.43	2.21	3.06	1.9	9.7	13.4	99	3.08	B	1105	A	5.46	6.80	436
	5.0+5.0	3.40	3.40	---	---	2.36	6.80	8.06	0.47	2.31	3.35	2.1	10.1	14.7	99	2.94	C	1155	B	4.92	6.80	485
	5.0+6.0	3.09	3.71	---	---	2.49	6.80	8.28	0.48	2.12	3.28	2.1	9.3	14.4	99	3.21	A	1060	A	5.45	6.80	437
	1.5+1.5+1.5	1.50	1.50	1.50	---	1.98	4.50	6.11	0.42	1.03	1.68	1.8	4.5	7.4	99	4.37	A	515	A	5.27	4.50	300
	1.5+1.5+2.0	1.50	1.50	2.00	---	1.98	5.00	6.19	0.42	1.21	1.72	1.8	5.3	7.6	99	4.13	A	605	A	5.37	5.00	327
	1.5+1.5+2.5	1.50	1.50	2.50	---	1.98	5.50	6.74	0.42	1.44	2.03	1.8	6.3	8.9	99	3.82	A	720	A	5.42	5.50	355
	1.5+1.5+3.5	1.50	1.50	3.50	---	1.98	6.50	7.11	0.41	1.94	2.26	1.8	8.5	9.9	99	3.35	A	970	A	5.33	6.50	427
	1.5+1.5+4.2	1.42	1.42	3.97	---	1.98	6.80	7.32	0.41	2.12	2.40	1.8	9.3	10.5	99	3.21	A	1060	A	5.31	6.80	449
	1.5+1.5+5.0	1.28	1.28	4.25	---	1.98	6.80	7.72	0.39	2.02	2.59	1.7	8.9	11.4	99	3.37	A	1010	A	5.30	6.80	450
	1.5+1.5+6.0	1.13	1.13	4.53	---	2.33	6.80	8.04	0.44	1.88	2.59	1.9	8.3	11.4	99	3.62	A	940	A+	5.75	6.80	415
	1.5+2.0+2.0	1.50	2.00	2.00	---	1.98	5.50	6.35	0.42	1.44	1.81	1.8	6.3	7.9	99	3.82	A	720	A	5.46	5.50	353
	1.5+2.0+2.5	1.50	2.00	2.50	---	1.98	6.00	6.74	0.42	1.68	2.03	1.8	7.4	8.9	99	3.57	A	840	A	5.51	6.00	382
	1.5+2.0+3.5	1.46	1.94	3.40	---	1.98	6.80	7.11	0.41	2.12	2.26	1.8	9.3	9.9	99	3.21	A	1060	A	5.34	6.80	446
	1.5+2.0+4.2	1.32	1.77	3.71	---	1.98	6.80	7.32	0.41	2.12	2.40	1.8	9.3	10.5	99	3.21	A	1060	A	5.38	6.80	443
	1.5+2.0+5.0	1.20	1.60	4.00	---	1.98	6.80	7.72	0.39	2.02	2.59	1.7	8.9	11.4	99	3.37	A	1010	A	5.35	6.80	446
	1.5+2.0+6.0	1.07	1.43	4.29	---	2.33	6.80	8.04	0.44	1.88	2.59	1.9	8.3	11.4	99	3.62	A	940	A+	5.81	6.80	410
	1.5+2.5+2.5	1.50	2.50	2.50	---	1.98	6.50	6.96	0.41	1.94	2.16	1.8	8.5	9.5	99	3.35	A	970	A	5.45	6.50	418
	1.5+2.5+3.5	1.36	2.27	3.17	---	1.98	6.80	7.45	0.39	2.12	2.50	1.7	9.3	11.0	99	3.21	A	1060	A	5.38	6.80	443
	1.5+2.5+4.2	1.24	2.07	3.48	---	1.98	6.80	7.66	0.39	2.12	2.64	1.7	9.3	11.6	99	3.21	A	1060	A	5.38	6.80	443
	1.5+2.5+5.0	1.13	1.89	3.78	---	1.98	6.80	7.79	0.39	2.02	2.64	1.7	8.9	11.6	99	3.37	A	1010	A	5.38	6.80	443
	1.5+2.5+6.0	1.02	1.70	4.08	---	2.33	6.80	8.25	0.45	1.88	2.74	2.0	8.3	12.0	99	3.62	A	940	A+	5.81	6.80	410
	1.5+3.5+3.5	1.20	2.80	2.80	---	1.98	6.80	7.46	0.40	2.12	2.50	1.8	9.3	11.0	99	3.21	A	1060	A	5.32	6.80	448
	1.5+3.5+4.2	1.11	2.59	3.10	---	1.98	6.80	7.67	0.40	2.12	2.64	1.8	9.3	11.6	99	3.21	A	1060	A	5.33	6.80	447
	1.5+3.5+5.0	1.02	2.38	3.40	---	2.30	6.80	8.29	0.44	2.02	3.06	1.9	8.9	13.4	99	3.37	A	1010	A	5.33	6.80	447
	1.5+3.5+6.0	0.93	2.16	3.71	---	2.33	6.80	9.04	0.45	1.88	3.44	2.0	8.3	15.1	99	3.62	A	940	A+	5.75	6.80	414
	1.5+4.2+4.2	1.03	2.88	2.88	---	1.98	6.80	8.10	0.40	2.12	3.01	1.8	9.3	13.2	99	3.21	A	1060	A	5.35	6.80	446
	1.5+4.2+5.0	0.95	2.67	3.18	---	2.30	6.80	8.68	0.44	2.02	3.45	1.9	8.9	15.2	99	3.37	A	1010	A	5.33	6.80	447
	2.0+2.0+2.0	2.00	2.00	2.00	---	1.98	6.00	6.51	0.42	1.64	1.89	1.8	7.2	8.3	99	3.66	A	820	A	5.53	6.00	380
	2.0+2.0+2.5	2.00	2.00	2.50	---	1.98	6.50	6.89	0.42	1.89	2.12	1.8	8.3	9.3	99	3.44	A	945	A	5.49	6.50	415
	2.0+2.0+3.5	1.81	1.81	3.18	---	1.98	6.80	7.25	0.41	2.07	2.35	1.8	9.1	10.3	99	3.29	A	1035	A	5.41	6.80	440
	2.0+2.0+4.2	1.66	1.66	3.48	---	1.98	6.80	7.46	0.41	2.07	2.50	1.8	9.1	11.0	99	3.29	A	1035	A	5.42	6.80	440
	2.0+2.0+5.0	1.51	1.51	3.78	---	1.98	6.80	7.85	0.39	2.02	2.69	1.7	8.9	11.8	99	3.37	A	1010	A	5.41	6.80	440
	2.0+2.0+6.0	1.36	1.36	4.08	---	2.33	6.80	8.11	0.44	1.83	2.64	1.9	8.0	11.6	99	3.72	A	915	A+	5.86	6.80	406
	2.0+2.5+2.5	1.94	2.43	2.43	---	1.98	6.80	7.10	0.41	2.07	2.26	1.8	9.1	9.9	99	3.29	A	1035	A	5.46	6.80	437
	2.0+2.5+3.5	1.70	2.13	2.97	---	1.98	6.80	7.59	0.39	2.07	2.59	1.7	9.1	11.4	99	3.29	A	1035	A	5.42	6.80	440
	2.0+2.5+4.2	1.56	1.95	3.29	---	1.98	6.80	7.78	0.39	2.07	2.75	1.7	9.1	12.1	99	3.29	A	1035	A	5.42	6.80	439
	2.0+2.5+5.0	1.43	1.79	3.58	---	1.98	6.80	7.92	0.39	2.02	2.74	1.7	8.9	12.0	99	3.37	A	1010	A	5.42	6.80	440
	2.0+2.5+6.0	1.30	1.62	3.88	---	2.33	6.80	8.38	0.45	1.83	2.84	2.0	8.0	12.5	99	3.72	A	915	A+	5.87	6.80	406
	2.0+3.5+3.5	1.52	2.64	2.64	---	1.98	6.80	7.91	0.40	2.07	2.85	1.8	9.1	12.5	99	3.29	A	1035	A	5.36	6.80	444
	2.0+3.5+4.2	1.40	2.45	2.95	---	1.98	6.80	8.09	0.40	2.07	3.01	1.8	9.1	13.2	99	3.29	A	1035	A	5.39	6.80	442
	2.0+3.5+5.0	1.30	2.27	3.23	---	2.30	6.80	8.41	0.44	2.02	3.17	1.9	8.9	13.9	99	3.37	A	1010	A	5.36	6.80	444
	2.0+4.2+4.2	1.30	2.75	2.75	---	1.98	6.80	8.21	0.40	2.07	3.11	1.8	9.1	13.7	99	3.29	A	1035	A	5.40	6.80	441
	2.5+2.5+2.5	2.26	2.26	2.26	---	1.98	6.78	7.38	0.41	2.07	2.45	1.8	9.1	10.8	99	3.28	A	1035	A	5.47	6.78	434
	2.5+2.5+3.5	2.00	2.00	2.80	---	1.98	6.80	7.78	0.39	2.07	2.75	1.7	9.1	12.1	99	3.29	A	1035	A	5.42	6.80	440
	2.5+2.5+4.2	1.85	1.85	3.10	---	1.98	6.80	7.96	0.39	2.07	2.90	1.7	9.1	12.7	99	3.29	A	1035	A	5.43	6.80	439
	2.5+2.5+5.0	1.70	1.70	3.40	---	2.30	6.80	8.28	0.44	2.02	3.06	1.9	8.9	13.4	99	3.37	A	1010	A	5.42	6.80	439
	2.5+2.5+6.0	1.55	1.55	3.70	---	2.44	6.80	8.57	0.44	1.83	3.00	1.9	8.0	13.2	99	3.72	A	915	A+	5.87	6.80	406
	2.5+3.5+3.5	1.78	2.51	2.51	---	2.29	6.80	8.14	0.44	2.07	3.06	1.9	9.1	13.4	99	3.29	A	1035	A	5.37	6.80	444
	2.5+3.5+4.2	1.67	2.33	2.80	---	2.29	6.80	8.26	0.44	2.07	3.17	1.9	9.1	13.9	99	3.29	A	1035	A	5.39	6.80	442
	2.5+3.5+5.0	1.55	2.16	3.09	---	2.51	6.80	8.57	0.46	1.98	3.33	2.0	8.7	14.6	99	3.43	A	990	A	5.39	6.80	442
	2.5+4.2+4.2	1.56	2.62	2.62	---	2.29	6.80	8.32	0.44	2.07	3.22	1.9	9.1	14.1	99	3.29	A	1035	A	5.41	6.80	441
	3.5+3.5+3.5	2.26	2.26	2.26	---	2.40	6.78	8.42	0.43	2.07	3.33	1.9	9.1	14.6	99	3.28	A	1035	A	5.34	6.78	445

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
3MXS68G	1.5+1.5	2.90	2.90	---	---	1.62	5.80	7.10	0.38	1.57	1.99	1.7	6.9	8.7	99	3.69	A	A	3.83	3.67	1340	0.70
	1.5+2.0	2.64	3.51	---	---	1.62	6.15	7.10	0.38	1.72	1.99	1.7	7.6	8.7	99	3.58	B	A	3.82	3.77	1381	0.69
	1.5+2.5	2.44	4.06	---	---	1.62	6.50	7.64	0.38	1.89	2.24	1.7	8.3	9.8	99	3.44	B	A	3.83	3.82	1397	0.73
	1.5+3.5	2.16	5.04	---	---	1.76	7.20	8.17	0.39	2.25	2.55	1.7	9.9	11.2	99	3.20	D	A	3.85	4.24	1542	0.80
	1.5+4.2	2.02	5.67	---	---	1.76	7.69	8.51	0.39	2.51	2.79	1.7	11.0	12.3	99	3.06	D	A	3.82	4.28	1567	0.83
	1.5+5.0	1.90	6.35	---	---	2.14	8.25	9.98	0.48	2.63	3.16	2.1	11.6	13.9	99	3.14	D	A	3.85	4.20	1526	0.81
	1.5+6.0	1.72	6.88	---	---	2.41	8.60	10.17	0.51	2.51	2.90	2.2	11.0	12.7	99	3.43	B	A	3.89	4.68	1684	0.88
	2.0+2.0	3.25	3.25	---	---	1.62	6.50	7.64	0.38	1.87	2.25	1.7	8.2	9.9	99	3.48	B	A	3.83	3.88	1420	0.74
	2.0+2.5	3.04	3.81	---	---	1.62	6.85	7.81	0.38	2.05	2.33	1.7	9.0	10.2	99	3.34	C	A	3.83	3.93	1439	0.73
	2.0+3.5	2.71	4.74	---	---	1.76	7.45	8.34	0.39	2.34	2.64	1.7	10.3	11.6	99	3.18	D	A	3.83	4.34	1589	0.83
	2.0+4.2	2.58	5.42	---	---	1.76	8.00	8.68	0.39	2.64	2.89	1.7	11.6	12.7	99	3.03	D	A	3.82	4.38	1607	0.82
	2.0+5.0	2.46	6.14	---	---	2.14	8.60	10.15	0.48	2.80	3.26	2.1	12.3	14.3	99	3.07	D	A	3.83	4.30	1572	0.85
	2.0+6.0	2.15	6.45	---	---	2.41	8.60	10.34	0.51	2.43	2.98	2.2	10.7	13.1	99	3.54	B	A	3.91	4.77	1708	0.91
	2.5+2.5	3.60	3.60	---	---	1.62	7.20	8.16	0.38	2.24	2.56	1.7	9.8	11.2	99	3.21	C	A	3.84	3.98	1452	0.77
	2.5+3.5	3.29	4.61	---	---	1.85	7.90	8.68	0.40	2.58	2.89	1.8	11.3	12.7	99	3.06	D	A	3.82	4.39	1610	0.83
	2.5+4.2	3.10	5.20	---	---	1.85	8.30	8.93	0.40	2.80	3.07	1.8	12.3	13.5	99	2.96	D	A	3.85	4.42	1606	0.85
	2.5+5.0	2.87	5.73	---	---	2.23	8.60	10.27	0.49	2.80	3.36	2.2	12.3	14.8	99	3.07	D	A	3.83	4.34	1589	0.83
	2.5+6.0	2.53	6.07	---	---	2.50	8.60	10.46	0.53	2.43	3.01	2.3	10.7	13.2	99	3.54	B	A	3.90	4.81	1725	0.89
	3.5+3.5	4.30	4.30	---	---	2.13	8.60	9.02	0.45	2.93	3.11	2.0	12.9	13.7	99	2.94	D	A	3.90	4.77	1712	0.91
	3.5+4.2	3.91	4.69	---	---	2.13	8.60	9.11	0.45	2.92	3.16	2.0	12.8	13.9	99	2.95	D	A	3.91	4.80	1721	0.93
	3.5+5.0	3.54	5.06	---	---	2.51	8.60	10.48	0.54	2.79	3.40	2.4	12.3	14.9	99	3.08	D	A	3.90	4.73	1697	0.92
	3.5+6.0	3.17	5.43	---	---	2.69	8.60	10.59	0.55	2.42	3.00	2.4	10.6	13.2	99	3.55	B	A	3.99	5.17	1813	1.01
	4.2+4.2	4.30	4.30	---	---	2.13	8.60	9.19	0.45	2.92	3.20	2.0	12.8	14.1	99	2.95	D	A	3.90	4.84	1736	0.92
	4.2+5.0	3.93	4.67	---	---	2.51	8.60	10.49	0.54	2.79	3.47	2.4	12.3	15.2	99	3.08	D	A	3.90	4.76	1709	0.90
	4.2+6.0	3.54	5.06	---	---	2.69	8.60	10.60	0.54	2.42	3.03	2.4	10.6	13.3	99	3.55	B	A+	4.01	5.20	1814	1.00
	5.0+5.0	4.30	4.30	---	---	2.88	8.60	10.67	0.63	2.70	3.38	2.8	11.9	14.8	99	3.19	D	A	3.88	4.69	1692	0.89
	5.0+6.0	3.91	4.69	---	---	3.08	8.60	10.66	0.64	2.39	2.96	2.8	10.5	13.0	99	3.60	B	A	3.99	5.13	1800	0.98
	1.5+1.5+1.5	2.28	2.28	2.28	---	1.97	6.83	9.37	0.44	1.63	2.38	1.9	7.2	10.5	99	4.19	A	A	3.86	4.75	1725	0.89
	1.5+1.5+2.0	2.15	2.15	2.87	---	1.97	7.18	9.37	0.44	1.77	2.38	1.9	7.8	10.5	99	4.06	A	A	3.89	4.84	1742	0.92
	1.5+1.5+2.5	2.06	2.06	3.43	---	2.06	7.54	9.96	0.45	1.89	2.65	2.0	8.3	11.6	99	3.99	A	A	3.90	4.88	1751	0.95
	1.5+1.5+3.5	1.90	1.90	4.44	---	2.26	8.25	10.05	0.47	2.23	2.80	2.1	9.8	12.3	99	3.70	A	A	3.96	5.23	1849	0.98
	1.5+1.5+4.2	1.79	1.79	5.02	---	2.26	8.60	10.06	0.47	2.38	2.79	2.1	10.5	12.3	99	3.61	A	A	3.98	5.26	1851	1.00
	1.5+1.5+5.0	1.61	1.61	5.38	---	2.66	8.60	10.23	0.58	2.38	2.87	2.5	10.5	12.6	99	3.61	A	A	3.96	5.19	1834	0.99
	1.5+1.5+6.0	1.43	1.43	5.73	---	2.87	8.60	10.44	0.58	2.16	2.63	2.5	9.5	11.6	99	3.98	A	A+	4.09	5.59	1913	1.08
	1.5+2.0+2.0	2.06	2.74	2.74	---	1.97	7.54	10.04	0.44	1.91	2.70	1.9	8.4	11.9	99	3.95	A	A	3.90	4.93	1771	0.95
	1.5+2.0+2.5	1.97	2.63	3.29	---	2.06	7.89	10.04	0.45	2.03	2.69	2.0	8.9	11.8	99	3.89	A	A	3.93	4.97	1772	0.94
	1.5+2.0+3.5	1.84	2.46	4.30	---	2.26	8.60	10.05	0.47	2.38	2.80	2.1	10.5	12.3	99	3.61	A	A+	4.00	5.31	1868	1.00
	1.5+2.0+4.2	1.68	2.23	4.69	---	2.26	8.60	10.06	0.47	2.38	2.79	2.1	10.5	12.3	99	3.61	A	A	3.98	5.34	1877	1.03
	1.5+2.0+5.0	1.52	2.02	5.06	---	2.66	8.60	10.46	0.58	2.38	2.87	2.5	10.5	12.6	99	3.61	A	A	3.99	5.27	1850	1.01
	1.5+2.0+6.0	1.36	1.81	5.43	---	2.87	8.60	10.55	0.58	2.16	2.63	2.5	9.5	11.6	99	3.98	A	A+	4.10	5.66	1934	1.10
	1.5+2.5+2.5	1.90	3.17	3.17	---	2.16	8.25	10.15	0.48	2.21	2.69	2.1	9.7	11.8	99	3.73	A	A	3.94	5.01	1780	0.97
	1.5+2.5+3.5	1.72	2.87	4.01	---	2.35	8.60	10.17	0.50	2.38	2.79	2.2	10.5	12.3	99	3.61	A	A	3.99	5.35	1880	1.04
	1.5+2.5+4.2	1.57	2.62	4.40	---	2.36	8.60	10.17	0.50	2.38	2.79	2.2	10.5	12.3	99	3.61	A	A+	4.02	5.38	1876	1.02
	1.5+2.5+5.0	1.43	2.39	4.78	---	2.75	8.60	10.58	0.60	2.38	2.87	2.6	10.5	12.6	99	3.61	A	A	3.98	5.31	1868	1.00
	1.5+2.5+6.0	1.29	2.15	5.16	---	2.96	8.60	10.44	0.61	2.16	2.62	2.7	9.5	11.5	99	3.98	A	A+	4.10	5.69	1945	1.08
	1.5+3.5+3.5	1.52	3.54	3.54	---	2.64	8.60	10.18	0.58	2.38	2.79	2.5	10.5	12.3	99	3.61	A	A+	4.09	5.66	1937	1.10
	1.5+3.5+4.2	1.40	3.27	3.93	---	2.64	8.60	10.18	0.58	2.37	2.78	2.5	10.4	12.2	99	3.63	A	A+	4.08	5.69	1951	1.09
	1.5+3.5+5.0	1.29	3.01	4.30	---	2.94	8.60	10.59	0.66	2.37	2.86	2.9	10.4	12.6	99	3.63	A	A+	4.09	5.62	1926	1.06
	1.5+3.5+6.0	1.17	2.74	4.69	---	2.97	8.60	10.46	0.61	2.15	2.62	2.7	9.4	11.5	99	4.00	A	A+	4.17	5.82	1954	1.11
	1.5+4.2+4.2	1.30	3.65	3.65	---	2.64	8.60	10.19	0.58	2.37	2.78	2.5	10.4	12.2	99	3.63	A	A+	4.10	5.71	1952	1.10
	1.5+4.2+5.0	1.21	3.38	4.02	---	2.85	8.60	10.48	0.63	2.37	2.86	2.8	10.4	12.6	99	3.63	A	A+	4.09	5.65	1935	1.09
	2.0+2.0+2.0	2.63	2.63	2.63	---	1.97	7.89	10.04	0.44	2.05	2.70	1.9	9.0	11.9	99	3.85	A	A	3.94	5.01	1780	0.97
	2.0+2.0+2.5	2.54	2.54	3.17	---	2.06	8.25	10.12	0.45	2.18	2.74	2.0	9.6	12.0	99	3.78	A	A	3.94	5.05	1794	0.96
	2.0+2.0+3.5	2.29	2.29	4.02	---	2.26	8.60	10.22	0.47	2.34	2.88	2.1	10.3	12.6	99	3.68	A	A+	4.02	5.39	1879	1.03
	2.0+2.0+4.2	2.10	2.10	4.40	---	2.26	8.60	10.22	0.47	2.34	2.88	2.1	10.3	12.6	99	3.68	A	A+	4.02	5.42	1888	1.05
	2.0+2.0+5.0	1.91	1.91	4.78	---	2.66	8.60	10.40	0.58	2.34	2.96	2.5	10.3	13.0	99	3.68	A	A	3.99	5.35	1880	1.04
	2.0+2.0+6.0	1.72	1.72	5.16	---	2.87	8.60	10.53	0.58	2.12	2.67	2.5	9.3	11.7	99	4.06	A	A+	4.09	5.73	1960	1.08
	2.0+2.5+2.5	2.46	3.07	3.07	---	2.16	8.60	10.13	0.46	2.35	2.84	2.0	10.3	12.5	99	3.66	A	A	3.94	5.09	1807	0.99
	2.0+2.5+3.5	2.15	2.69	3.76	---	2.35	8.60	10.22	0.49	2.34	2.88	2.2	10.3	12.6	99	3.68	A	A+	4.02	5.42	1888	1.05
	2.0+2.5+4.2	1.98	2.47	4.15	---	2.36	8.60	10.23	0.49	2.34	2.87	2.2	10.3	12.6	99	3.68	A	A+	4.02	5.45	1899	1.04
	2.0+2.5+5.0	1.81	2.26	4.53	---	2.75	8.60	10.63	0.60	2.32	2.99	2.6	10.2	13.1	99	3.71	A	A+	4.02	5.39	1879	1.03
	2.0+2.5+6.0	1.64	2.05	4.91	---	2.96	8.60	10.64	0.60	2.10	2.64	2.6	9.2	11.6	99	4.10	A	A+	4.13	5.76	1952	1.11
	2.0+3.5+3.5	1.92	3.34	3.34	---	2.64	8.60	10.35	0.55	2.31	2.93	2.4	10.1	12.9	99	3.72	A	A+	4.09	5.73	1963	1.08
	2.0+3.5+4.2	1.77	3.10	3.72	---	2.64	8.60	10.35	0.55	2.31	2.92	2.4	10.1	12.8	99	3.72	A	A+	4.12	5.76	1956	1.11
	2.0+3.5+5.0	1.64	2.87	4.09	---	2.94	8.60	10.68	0.62	2.29	3.06	2.7	10.1	13.4	99	3.76	A	A+	4.09	5.70	1951	1.09
	2.0+4.2+4.2	1.65	3.47	3.47	---	2.64	8.60	10.36	0.55	2.31	2.92	2.4	10.1	12.8	99	3.72	A	A+	4.12	5.78	1962	1.13
	2.5+2.5+2.5	2.86	2.86	2.86	---	2.26	8.58	10.24	0.48	2.35	2.87	2.1	10.3	12.6	99	3.65	A	A	3.97	5.13	1809	0.98
	2.5+2.5+3.5	2.53	2.53	3.54	---	2.45	8.60	10.45	0.51	2.34	2.96	2.2	10.3	13.0	99	3.68	A	A+	4.02	5.46	1902	1.05
	2.5+2.5+4.2	2.34	2.34	3.93	---	2.45	8.60	10.46	0.51	2.34	2.96	2.2	10.3	13.0	99	3.68	A	A+	4.02	5.49	1912	1.03
	2.5+2.5+5.0	2.15	2.15	4.30	---	2.85	8.60	10.64	0.62	2.29	3.02	2.7	10.1	13.3	99	3.76	A	A+	4.03	5.43	1889	1.06
	2.5+2.5+6.0	1.95	1.95	4.70	---	3.06	8.60	10.65	0.62	2.08	2.64	2.7	9.1	11.6	99	4.13	A	A+	4.12	5.79	1966	1.10
	2.5+3.5+3.5	2.26	3.17	3.17	---	2.73	8.60	10.58	0.56	2.31	2.96	2.5	10.1	13.0	99	3.72	A	A+	4.12	5.76	1956	1.11
	2.5+3.5+4.2	2.11	2.95	3.54	---	2.74	8.60	10.59	0.56	2.31	2.95	2.5	10.1	13.0	99	3.72	A	A+	4.12	5.79	1970	1.10
	2.5+3.5+5.0	1.95	2.74	3.91	---	3.13	8.60	10.65	0.64	2.29	2.98	2.8	10.1	13.1	99	3.76	A	A+	4.09	5.73	1963	1.08
	2.5+4.2+4.2	1.97	3.31	3.31	---	2.74	8.60	10.59	0.56	2.31	2.95	2.5	10.1	13.0	99	3.72	A	A+	4.13	5.79	1961	1.13
	3.5+3.5+3.5	2.86	2.86	2.86	---	2.92	8.58	10.63	0.61	2.29	3.03	2.7	10.1	13.3	99	3.75	A	A+	4.22	5.83	1933	1.12

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXS68F	1.5+1.5	1.50	1.50	---	---	1.97	3.00	4.70	0.43	0.65	1.29	1.9	2.9	5.7	99	4.62	A	325	B	4.98	3.00	211
	1.5+2.0	1.50	2.00	---	---	1.97	3.50	4.86	0.43	0.80	1.37	1.9	3.5	6.0	99	4.38	A	400	B	5.09	3.50	241
	1.5+2.5	1.50	2.50	---	---	1.97	4.00	5.18	0.43	0.99	1.53	1.9	4.3	6.7	99	4.04	A	495	A	5.16	4.00	272
	1.5+3.5	1.50	3.50	---	---	1.97	5.00	6.05	0.42	1.39	2.06	1.8	6.1	9.0	99	3.60	A	695	A	5.14	5.00	341
	1.5+4.2	1.50	4.20	---	---	1.97	5.70	6.26	0.42	1.79	2.20	1.8	7.9	9.7	99	3.18	B	895	A	5.16	5.70	387
	1.5+5.0	1.50	5.00	---	---	1.97	6.50	6.94	0.41	2.22	2.51	1.8	9.7	11.0	99	2.93	C	1110	B	4.94	6.50	461
	1.5+6.0	1.36	5.44	---	---	1.98	6.80	7.44	0.40	2.26	2.65	1.8	9.9	11.6	99	3.01	B	1130	A	5.43	6.80	439
	2.0+2.0	2.00	2.00	---	---	1.97	4.00	5.02	0.43	1.00	1.45	1.9	4.4	6.4	99	4.00	A	500	A	5.18	4.00	271
	2.0+2.5	2.00	2.50	---	---	1.97	4.50	5.33	0.43	1.20	1.61	1.9	5.3	7.1	99	3.75	A	600	A	5.22	4.50	302
	2.0+3.5	2.00	3.50	---	---	1.97	5.50	6.18	0.42	1.66	2.15	1.8	7.3	9.4	99	3.31	A	830	A	5.23	5.50	368
	2.0+4.2	2.00	4.20	---	---	1.97	6.20	6.38	0.42	2.09	2.30	1.8	9.2	10.1	99	2.97	C	1045	B	5.08	6.20	428
	2.0+5.0	1.94	4.86	---	---	1.97	6.80	7.12	0.41	2.41	2.65	1.8	10.6	11.6	99	2.82	C	1205	B	4.93	6.80	483
	2.0+6.0	1.70	5.10	---	---	1.98	6.80	7.56	0.40	2.21	2.75	1.8	9.7	12.1	99	3.08	B	1105	A	5.49	6.80	434
	2.5+2.5	2.50	2.50	---	---	1.97	5.00	5.98	0.45	1.46	2.00	2.0	6.4	8.8	99	3.42	A	730	A	5.26	5.00	333
	2.5+3.5	2.50	3.50	---	---	1.97	6.00	6.44	0.43	2.06	2.37	1.9	9.0	10.4	99	2.91	C	1030	A	5.12	6.00	411
	2.5+4.2	2.50	4.20	---	---	1.97	6.70	6.81	0.43	2.54	2.67	1.9	11.2	11.7	99	2.64	D	1270	B	4.96	6.70	473
	2.5+5.0	2.27	4.53	---	---	1.97	6.80	7.23	0.40	2.41	2.75	1.8	10.6	12.1	99	2.82	C	1205	B	4.93	6.80	483
	2.5+6.0	2.00	4.80	---	---	1.98	6.80	7.56	0.38	2.21	2.75	1.7	9.7	12.1	99	3.08	B	1105	A	5.49	6.80	434
	3.5+3.5	3.40	3.40	---	---	1.97	6.80	6.99	0.41	2.51	2.66	1.8	11.0	11.7	99	2.71	D	1255	B	4.91	6.80	485
	3.5+4.2	3.09	3.71	---	---	1.97	6.80	7.10	0.41	2.51	2.76	1.8	11.0	12.1	99	2.71	D	1255	B	4.95	6.80	481
	3.5+5.0	2.80	4.00	---	---	1.97	6.80	7.61	0.38	2.41	3.12	1.7	10.6	13.7	99	2.82	C	1205	B	4.91	6.80	485
	3.5+6.0	2.51	4.29	---	---	2.28	6.80	7.91	0.43	2.21	3.06	1.9	9.7	13.4	99	3.08	B	1105	A	5.45	6.80	437
	4.2+4.2	3.40	3.40	---	---	1.97	6.80	7.00	0.41	2.51	2.66	1.8	11.0	11.7	99	2.71	D	1255	B	4.96	6.80	480
	4.2+5.0	3.10	3.70	---	---	1.97	6.80	7.62	0.38	2.41	3.12	1.7	10.6	13.7	99	2.82	C	1205	B	4.96	6.80	481
	4.2+6.0	2.80	4.00	---	---	2.28	6.80	7.92	0.43	2.21	3.06	1.9	9.7	13.4	99	3.08	B	1105	A	5.46	6.80	436
	5.0+5.0	3.40	3.40	---	---	2.36	6.80	8.06	0.47	2.31	3.35	2.1	10.1	14.7	99	2.94	C	1155	B	4.92	6.80	485
	5.0+6.0	3.09	3.71	---	---	2.49	6.80	8.28	0.48	2.12	3.28	2.1	9.3	14.4	99	3.21	A	1060	A	5.45	6.80	437
	1.5+1.5+1.5	1.50	1.50	1.50	---	1.98	4.50	6.27	0.42	1.03	1.76	1.8	4.5	7.7	99	4.37	A	515	A	5.27	4.50	300
	1.5+1.5+2.0	1.50	1.50	2.00	---	1.98	5.00	6.43	0.42	1.21	1.85	1.8	5.3	8.1	99	4.13	A	605	A	5.37	5.00	327
	1.5+1.5+2.5	1.50	1.50	2.50	---	1.98	5.50	6.59	0.42	1.44	1.94	1.8	6.3	8.5	99	3.82	A	720	A	5.42	5.50	355
	1.5+1.5+3.5	1.50	1.50	3.50	---	1.98	6.50	6.97	0.41	1.94	2.16	1.8	8.5	9.5	99	3.35	A	970	A	5.33	6.50	427
	1.5+1.5+4.2	1.42	1.42	3.97	---	1.98	6.80	7.19	0.41	2.12	2.30	1.8	9.3	10.1	99	3.21	A	1060	A	5.31	6.80	449
	1.5+1.5+5.0	1.28	1.28	4.25	---	1.98	6.80	7.59	0.39	2.02	2.49	1.7	8.9	10.9	99	3.37	A	1010	A	5.30	6.80	450
	1.5+1.5+6.0	1.13	1.13	4.53	---	2.33	6.80	7.83	0.44	1.88	2.44	1.9	8.3	10.7	99	3.62	A	940	A+	5.75	6.80	415
	1.5+2.0+2.0	1.50	2.00	2.00	---	1.98	5.50	6.35	0.42	1.44	1.81	1.8	6.3	7.9	99	3.82	A	720	A	5.46	5.50	353
	1.5+2.0+2.5	1.50	2.00	2.50	---	1.98	6.00	6.74	0.42	1.68	2.03	1.8	7.4	8.9	99	3.57	A	840	A	5.51	6.00	382
	1.5+2.0+3.5	1.46	1.94	3.40	---	1.98	6.80	7.11	0.41	2.12	2.26	1.8	9.3	9.9	99	3.21	A	1060	A	5.34	6.80	446
	1.5+2.0+4.2	1.32	1.77	3.71	---	1.98	6.80	7.32	0.41	2.12	2.40	1.8	9.3	10.5	99	3.21	A	1060	A	5.38	6.80	443
	1.5+2.0+5.0	1.20	1.60	4.00	---	1.98	6.80	7.72	0.39	2.02	2.59	1.7	8.9	11.4	99	3.37	A	1010	A	5.35	6.80	446
	1.5+2.0+6.0	1.07	1.43	4.29	---	2.33	6.80	7.97	0.44	1.88	2.54	1.9	8.3	11.2	99	3.62	A	940	A+	5.81	6.80	410
	1.5+2.5+2.5	1.50	2.50	2.50	---	1.98	6.50	6.96	0.41	1.94	2.16	1.8	8.5	9.5	99	3.35	A	970	A	5.45	6.50	418
	1.5+2.5+3.5	1.36	2.27	3.17	---	1.98	6.80	7.45	0.39	2.12	2.50	1.7	9.3	11.0	99	3.21	A	1060	A	5.38	6.80	443
	1.5+2.5+4.2	1.24	2.07	3.48	---	1.98	6.80	7.66	0.39	2.12	2.64	1.7	9.3	11.6	99	3.21	A	1060	A	5.38	6.80	443
	1.5+2.5+5.0	1.13	1.89	3.78	---	1.98	6.80	7.79	0.39	2.02	2.64	1.7	8.9	11.6	99	3.37	A	1010	A	5.38	6.80	443
	1.5+2.5+6.0	1.02	1.70	4.08	---	2.33	6.80	8.25	0.45	1.88	2.74	2.0	8.3	12.0	99	3.62	A	940	A+	5.81	6.80	410
	1.5+3.5+3.5	1.20	2.80	2.80	---	1.98	6.80	7.78	0.40	2.12	2.75	1.8	9.3	12.1	99	3.21	A	1060	A	5.32	6.80	448
	1.5+3.5+4.2	1.11	2.59	3.10	---	1.98	6.80	7.97	0.40	2.12	2.90	1.8	9.3	12.7	99	3.21	A	1060	A	5.33	6.80	447
	1.5+3.5+5.0	1.02	2.38	3.40	---	1.98	6.80	8.29	0.36	2.02	3.06	1.6	8.9	13.4	99	3.37	A	1010	A	5.33	6.80	447
	1.5+3.5+6.0	0.93	2.16	3.71	---	2.33	6.80	8.39	0.45	1.88	2.84	2.0	8.3	12.5	99	3.62	A	940	A+	5.75	6.80	414
	1.5+4.2+4.2	1.03	2.88	2.88	---	1.98	6.80	8.10	0.40	2.12	3.01	1.8	9.3	13.2	99	3.21	A	1060	A	5.35	6.80	446
	1.5+4.2+5.0	0.95	2.67	3.18	---	1.98	6.80	8.36	0.36	2.02	3.11	1.6	8.9	13.7	99	3.37	A	1010	A	5.33	6.80	447
	2.0+2.0+2.0	2.00	2.00	2.00	---	1.98	6.00	6.51	0.42	1.64	1.89	1.8	7.2	8.3	99	3.66	A	820	A	5.53	6.00	380
	2.0+2.0+2.5	2.00	2.00	2.50	---	1.98	6.50	6.89	0.42	1.89	2.12	1.8	8.3	9.3	99	3.44	A	945	A	5.49	6.50	415
	2.0+2.0+3.5	1.81	1.81	3.18	---	1.98	6.80	7.25	0.41	2.07	2.35	1.8	9.1	10.3	99	3.29	A	1035	A	5.41	6.80	440
	2.0+2.0+4.2	1.66	1.66	3.48	---	1.98	6.80	7.46	0.41	2.07	2.50	1.8	9.1	11.0	99	3.29	A	1035	A	5.42	6.80	440
	2.0+2.0+5.0	1.51	1.51	3.78	---	1.98	6.80	7.85	0.39	2.02	2.69	1.7	8.9	11.8	99	3.37	A	1010	A	5.41	6.80	440
	2.0+2.0+6.0	1.36	1.36	4.08	---	2.33	6.80	8.11	0.44	1.83	2.64	1.9	8.0	11.6	99	3.72	A	915	A+	5.86	6.80	406
	2.0+2.5+2.5	1.94	2.43	2.43	---	1.98	6.80	7.10	0.41	2.07	2.26	1.8	9.1	9.9	99	3.29	A	1035	A	5.46	6.80	437
	2.0+2.5+3.5	1.70	2.13	2.97	---	1.98	6.80	7.59	0.39	2.07	2.59	1.7	9.1	11.4	99	3.29	A	1035	A	5.42	6.80	440
	2.0+2.5+4.2	1.56	1.95	3.29	---	1.98	6.80	7.78	0.39	2.07	2.75	1.7	9.1	12.1	99	3.29	A	1035	A	5.42	6.80	439
	2.0+2.5+5.0	1.43	1.79	3.58	---	1.98	6.80	7.92	0.39	2.02	2.74	1.7	8.9	12.0	99	3.37	A	1010	A	5.42	6.80	440
	2.0+2.5+6.0	1.30	1.62	3.88	---	2.33	6.80	8.38	0.45	1.83	2.84	2.0	8.0	12.5	99	3.72	A	915	A+	5.87	6.80	406
	2.0+3.5+3.5	1.52	2.64	2.64	---	1.98	6.80	7.91	0.40	2.07	2.85	1.8	9.1	12.5	99	3.29	A	1035	A	5.36	6.80	444
	2.0+3.5+4.2	1.40	2.45	2.94	---	1.98	6.80	8.09	0.40	2.07	3.01	1.8	9.1	13.2	99	3.29	A	1035	A	5.39	6.80	442
	2.0+3.5+5.0	1.30	2.27	3.23	---	2.30	6.80	8.41	0.44	2.02	3.17	1.9	8.9	13.9	99	3.37	A	1010	A	5.36	6.80	444
	2.0+4.2+4.2	1.30	2.75	2.75	---	1.98	6.80	8.21	0.40	2.07	3.11	1.8	9.1	13.7	99	3.29	A	1035	A	5.40	6.80	441
	2.5+2.5+2.5	2.26	2.26	2.26	---	1.98	6.78	7.38	0.41	2.07	2.45	1.8	9.1	10.8	99	3.28	A	1035	A	5.47	6.78	434
	2.5+2.5+3.5	2.00	2.00	2.80	---	1.98	6.80	7.78	0.39	2.07	2.75	1.7	9.1	12.1	99	3.29	A	1035	A	5.42	6.80	440
	2.5+2.5+4.2	1.85	1.85	3.10	---	1.98	6.80	7.96	0.39	2.07	2.90	1.7	9.1	12.7	99	3.29	A	1035	A	5.43	6.80	439
	2.5+2.5+5.0	1.70	1.70	3.40	---	2.30	6.80	8.28	0.44	2.02	3.06	1.9	8.9	13.4	99	3.37	A	1010	A	5.42	6.80	439
	2.5+2.5+6.0	1.55	1.55	3.70	---	2.44	6.80	8.57	0.44	1.83	3.00	1.9	8.0	13.2	99	3.72	A	915	A+	5.87	6.80	406
	2.5+3.5+3.5	1.78	2.51	2.51	---	2.29	6.80	8.14	0.44	2.07	3.06	1.9	9.1	13.4	99	3.29	A	1035	A	5.37	6.80	444
	2.5+3.5+4.2	1.67	2.33	2.80	---	2.29	6.80	8.26	0.44	2.07	3.17	1.9	9.1	13.9	99	3.29	A	1035	A	5.39	6.80	442
	2.5+3.5+5.0	1.55	2.16	3.09	---	2.51	6.80	8.57	0.46	1.98	3.33	2.0	8.7	14.6	99	3.43	A	990	A	5.39	6.80	442
	2.5+4.2+4.2	1.56	2.62	2.62	---	2.29	6.80	8.32	0.44	2.07	3.22	1.9	9.1	14.1	99	3.29	A	1035	A	5.41	6.80	441
	3.5+3.5+3.5	2.26	2.26	2.26	---	2.40	6.78	8.42	0.43	2.07	3.33	1.9	9.1	14.6	99	3.28	A	1035	A	5.34	6.78	445
	1.5+1.5+1.5+1.5	1.50	1.50	1.50	1.50	1.99	6.00	6.95	0.41	1.42	1.83	1.8	6.2	8.0	99	4.23	A	710	A+	5.60	6.00	376
	1.5+1.5+1.5+2.0	1.50	1.50	1.50	2.00	1.99	6.50	7.13	0.41	1.62	1.91	1.8	7.1	8.4	99	4.01	A	810	A+	5.64	6.50	404
	1.5+1.5+1.5+2.5	1.46	1.46	1.46	2.43	1.99	6.80	7.30	0.39	1.73	2.00	1.7	7.6	8.8	99	3.93	A	865	A+	5.63	6.80	423
	1.5+1.5+1.5+3.5	1.28	1.28	1.28	2.98	1.99	6.80	7.72	0.40	1.71	2.24	1.8	7.5	9.8	99	3.98	A	855	A	5.56	6.80	428
	1.5+1.5+1.5+4.2	1.17	1.17	1.17	3.28	1.99	6.80	7.88	0.40	1.71	2.33	1.8	7.5	10.2	99	3.98	A	855	A	5.57	6.80	428
	1.5+1.5+1.5+5.0	1.07	1.07	1.07	3.58	2.47	6.80	8.31	0.46	1.71	2.61	2.0	7.5	11.5	99	3.98	A	855	A	5.57	6.80	428
	1.5+1.5+1.5+6.0	0.97	0.97	0.97	3.89	2.50	6.80	8.22	0.43	1.57	2.34	1.9	6.9	10.3	99	4.33	A	785	A+	5.98	6.80	398

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXS68F	1.5+1.5+2.0+2.0	1.46	1.46	1.94	1.94	1.99	6.80	7.30	0.41	1.75	2.00	1.8	7.7	8.8	99	3.89	A	875	A+	5.68	6.80	420
	1.5+1.5+2.0+2.5	1.36	1.36	1.81	2.27	1.99	6.80	7.47	0.39	1.73	2.10	1.7	7.6	9.2	99	3.93	A	865	A+	5.69	6.80	419
	1.5+1.5+2.0+3.5	1.20	1.20	1.60	2.80	1.99	6.80	7.87	0.40	1.71	2.33	1.8	7.5	10.2	99	3.98	A	855	A+	5.62	6.80	424
	1.5+1.5+2.0+4.2	1.11	1.11	1.48	3.10	1.99	6.80	8.03	0.40	1.71	2.43	1.8	7.5	10.7	99	3.98	A	855	A+	5.63	6.80	423
	1.5+1.5+2.0+5.0	1.02	1.02	1.36	3.40	2.47	6.80	8.46	0.46	1.71	2.71	2.0	7.5	11.9	99	3.98	A	855	A+	5.62	6.80	424
	1.5+1.5+2.0+6.0	0.93	0.93	1.24	3.71	2.50	6.80	8.39	0.43	1.57	2.45	1.9	6.9	10.8	99	4.33	A	785	A+	6.02	6.80	396
	1.5+1.5+2.5+2.5	1.28	1.28	2.13	2.13	1.99	6.80	7.55	0.39	1.73	2.14	1.7	7.6	9.4	99	3.93	A	865	A+	5.69	6.80	419
	1.5+1.5+2.5+3.5	1.13	1.13	1.89	2.64	2.34	6.80	7.95	0.50	1.71	2.38	2.2	7.5	10.5	99	3.98	A	855	A+	5.63	6.80	423
	1.5+1.5+2.5+4.2	1.05	1.05	1.75	2.94	2.34	6.80	8.11	0.50	1.71	2.48	2.2	7.5	10.9	99	3.98	A	855	A+	5.63	6.80	423
	1.5+1.5+2.5+5.0	0.97	0.97	1.62	3.24	2.47	6.80	8.53	0.46	1.71	2.76	2.0	7.5	12.1	99	3.98	A	855	A+	5.63	6.80	423
	1.5+1.5+3.5+3.5	1.02	1.02	2.38	2.38	2.34	6.80	8.40	0.50	1.71	2.68	2.2	7.5	11.8	99	3.98	A	855	A	5.58	6.80	427
	1.5+1.5+3.5+4.2	0.95	0.95	2.22	2.67	2.46	6.80	8.48	0.54	1.71	2.74	2.4	7.5	12.0	99	3.98	A	855	A	5.59	6.80	427
	1.5+2.0+2.0+2.0	1.36	1.81	1.81	1.81	1.99	6.80	7.46	0.41	1.75	2.10	1.8	7.7	9.2	99	3.89	A	875	A+	5.72	6.80	417
	1.5+2.0+2.0+2.5	1.28	1.70	1.70	2.13	1.99	6.80	7.63	0.39	1.73	2.19	1.7	7.6	9.6	99	3.93	A	865	A+	5.73	6.80	416
	1.5+2.0+2.0+3.5	1.13	1.51	1.51	2.64	2.34	6.80	8.02	0.50	1.71	2.43	2.2	7.5	10.7	99	3.98	A	855	A+	5.66	6.80	421
	1.5+2.0+2.0+4.2	1.05	1.40	1.40	2.94	2.34	6.80	8.18	0.50	1.71	2.53	2.2	7.5	11.1	99	3.98	A	855	A+	5.67	6.80	420
	1.5+2.0+2.0+5.0	0.97	1.30	1.30	3.24	2.47	6.80	8.60	0.46	1.71	2.82	2.0	7.5	12.4	99	3.98	A	855	A+	5.66	6.80	421
	1.5+2.0+2.5+2.5	1.20	1.60	2.00	2.00	1.99	6.80	7.71	0.39	1.73	2.24	1.7	7.6	9.8	99	3.93	A	865	A+	5.73	6.80	416
	1.5+2.0+2.5+3.5	1.07	1.43	1.79	2.51	2.34	6.80	8.10	0.50	1.71	2.48	2.2	7.5	10.9	99	3.98	A	855	A+	5.67	6.80	420
	1.5+2.0+2.5+4.2	1.00	1.33	1.67	2.80	2.34	6.80	8.26	0.50	1.71	2.58	2.2	7.5	11.3	99	3.98	A	855	A+	5.67	6.80	420
	1.5+2.0+2.5+5.0	0.93	1.24	1.55	3.09	2.47	6.80	8.68	0.46	1.71	2.87	2.0	7.5	12.6	99	3.98	A	855	A+	5.67	6.80	420
	1.5+2.0+3.5+3.5	0.97	1.30	2.27	2.27	2.00	6.80	8.47	0.40	1.71	2.74	1.8	7.5	12.0	99	3.98	A	855	A+	5.60	6.80	425
	1.5+2.5+2.5+2.5	1.13	1.89	1.89	1.89	1.99	6.80	8.02	0.36	1.71	2.43	1.6	7.5	10.7	99	3.98	A	855	A+	5.73	6.80	416
	1.5+2.5+2.5+3.5	1.02	1.70	1.70	2.38	2.34	6.80	8.32	0.43	1.70	2.63	1.9	7.5	11.6	99	4.00	A	850	A+	5.67	6.80	420
	1.5+2.5+2.5+4.2	0.95	1.59	1.59	2.67	2.34	6.80	8.33	0.45	1.73	2.63	2.0	7.6	11.6	99	3.93	A	865	A+	5.67	6.80	420
	1.5+2.5+3.5+3.5	0.93	1.55	2.16	2.16	2.34	6.80	8.54	0.43	1.70	2.79	1.9	7.5	12.3	99	4.00	A	850	A+	5.62	6.80	424
	2.0+2.0+2.0+2.0	1.70	1.70	1.70	1.70	1.99	6.80	7.63	0.41	1.75	2.19	1.8	7.7	9.6	99	3.89	A	875	A+	5.75	6.80	415
	2.0+2.0+2.0+2.5	1.60	1.60	1.60	2.00	1.99	6.80	7.79	0.39	1.73	2.29	1.7	7.6	10.1	99	3.93	A	865	A+	5.75	6.80	414
	2.0+2.0+2.0+3.5	1.43	1.43	1.43	2.51	1.99	6.80	8.17	0.40	1.71	2.53	1.8	7.5	11.1	99	3.98	A	855	A+	5.70	6.80	418
	2.0+2.0+2.0+4.2	1.33	1.33	1.33	2.81	1.99	6.80	8.32	0.40	1.71	2.63	1.8	7.5	11.6	99	3.98	A	855	A+	5.73	6.80	416
	2.0+2.0+2.0+5.0	1.24	1.24	1.24	3.08	2.47	6.80	8.74	0.46	1.67	2.93	2.0	7.3	12.9	99	4.07	A	835	A+	5.70	6.80	418
	2.0+2.0+2.5+2.5	1.51	1.51	1.89	1.89	1.99	6.80	7.94	0.40	1.75	2.38	1.8	7.7	10.5	99	3.89	A	875	A+	5.77	6.80	413
	2.0+2.0+2.5+3.5	1.36	1.36	1.70	2.38	2.34	6.80	8.32	0.45	1.73	2.63	2.0	7.6	11.6	99	3.93	A	865	A+	5.71	6.80	418
	2.0+2.0+2.5+4.2	1.27	1.27	1.59	2.67	2.34	6.80	8.47	0.45	1.73	2.74	2.0	7.6	12.0	99	3.93	A	865	A+	5.73	6.80	416
	2.0+2.0+3.5+3.5	1.24	1.24	2.16	2.16	2.46	6.80	8.61	0.45	1.71	2.84	2.0	7.5	12.5	99	3.98	A	855	A+	5.66	6.80	421
	2.0+2.5+2.5+2.5	1.43	1.79	1.79	1.79	1.99	6.80	8.17	0.40	1.75	2.53	1.8	7.7	11.1	99	3.89	A	875	A+	5.77	6.80	413
	2.0+2.5+2.5+3.5	1.30	1.62	1.62	2.26	2.34	6.80	8.46	0.45	1.73	2.74	2.0	7.6	12.0	99	3.93	A	865	A+	5.73	6.80	416
	2.5+2.5+2.5+2.5	1.70	1.70	1.70	1.70	2.34	6.80	8.39	0.46	1.71	2.68	2.0	7.5	11.8	99	3.98	A	855	A+	5.77	6.80	413
	2.5+2.5+2.5+3.5	1.55	1.55	1.55	2.15	2.46	6.80	8.73	0.46	1.70	2.95	2.0	7.5	13.0	99	4.00	A	850	A+	5.73	6.80	416

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXS68F	1.5+1.5	2.62	2.62	---	---	1.62	5.24	7.10	0.38	1.32	1.99	1.7	5.8	8.7	99	3.97	A	A	3.83	3.67	1340	0.70
	1.5+2.0	2.43	3.23	---	---	1.62	5.66	7.46	0.38	1.50	2.16	1.7	6.6	9.5	99	3.77	A	A	3.82	3.77	1381	0.69
	1.5+2.5	2.28	3.80	---	---	1.62	6.08	7.64	0.38	1.70	2.24	1.7	7.5	9.8	99	3.58	B	A	3.83	3.82	1397	0.73
	1.5+3.5	2.08	4.84	---	---	1.76	6.92	8.17	0.39	2.09	2.55	1.7	9.2	11.2	99	3.31	C	A	3.85	4.24	1542	0.80
	1.5+4.2	1.98	5.53	---	---	1.76	7.51	8.51	0.39	2.38	2.79	1.7	10.5	12.3	99	3.16	D	A	3.82	4.28	1567	0.83
	1.5+5.0	1.89	6.29	---	---	2.14	8.18	9.98	0.48	2.58	3.16	2.1	11.3	13.9	99	3.17	D	A	3.85	4.20	1526	0.81
	1.5+6.0	1.72	6.88	---	---	2.41	8.60	10.17	0.51	2.51	2.90	2.2	11.0	12.7	99	3.43	B	A	3.89	4.68	1684	0.88
	2.0+2.0	3.25	3.25	---	---	1.62	6.50	7.64	0.38	1.87	2.25	1.7	8.2	9.9	99	3.48	B	A	3.83	3.88	1420	0.74
	2.0+2.5	3.04	3.81	---	---	1.62	6.85	7.81	0.38	2.05	2.33	1.7	9.0	10.2	99	3.34	C	A	3.83	3.93	1439	0.73
	2.0+3.5	2.71	4.74	---	---	1.76	7.45	8.34	0.39	2.34	2.64	1.7	10.3	11.6	99	3.18	D	A	3.83	4.34	1589	0.83
	2.0+4.2	2.58	5.42	---	---	1.76	8.00	8.68	0.39	2.64	2.89	1.7	11.6	12.7	99	3.03	D	A	3.82	4.38	1607	0.82
	2.0+5.0	2.46	6.14	---	---	2.14	8.60	10.15	0.48	2.80	3.26	2.1	12.3	14.3	99	3.07	D	A	3.83	4.30	1572	0.85
	2.0+6.0	2.15	6.45	---	---	2.41	8.60	10.34	0.51	2.43	2.98	2.2	10.7	13.1	99	3.54	B	A	3.91	4.77	1708	0.91
	2.5+2.5	3.60	3.60	---	---	1.62	7.20	8.16	0.38	2.24	2.56	1.7	9.8	11.2	99	3.21	C	A	3.84	3.98	1452	0.77
	2.5+3.5	3.29	4.61	---	---	1.85	7.90	8.68	0.40	2.58	2.89	1.8	11.3	12.7	99	3.06	D	A	3.82	4.39	1610	0.83
	2.5+4.2	3.10	5.20	---	---	1.85	8.30	8.93	0.40	2.80	3.07	1.8	12.3	13.5	99	2.96	D	A	3.85	4.42	1606	0.85
	2.5+5.0	2.87	5.73	---	---	2.23	8.60	10.27	0.49	2.80	3.36	2.2	12.3	14.8	99	3.07	D	A	3.83	4.34	1589	0.83
	2.5+6.0	2.53	6.07	---	---	2.50	8.60	10.46	0.53	2.43	3.01	2.3	10.7	13.2	99	3.54	B	A	3.90	4.81	1725	0.89
	3.5+3.5	4.30	4.30	---	---	2.13	8.60	9.02	0.45	2.93	3.11	2.0	12.9	13.7	99	2.94	D	A	3.90	4.77	1712	0.91
	3.5+4.2	3.91	4.69	---	---	2.13	8.60	9.11	0.45	2.92	3.16	2.0	12.8	13.9	99	2.95	D	A	3.91	4.80	1721	0.93
	3.5+5.0	3.54	5.06	---	---	2.51	8.60	10.48	0.54	2.79	3.40	2.4	12.3	14.9	99	3.08	D	A	3.90	4.73	1697	0.92
	3.5+6.0	3.17	5.43	---	---	2.69	8.60	10.59	0.55	2.42	3.00	2.4	10.6	13.2	99	3.55	B	A	3.99	5.17	1813	1.01
	4.2+4.2	4.30	4.30	---	---	2.13	8.60	9.19	0.45	2.92	3.20	2.0	12.8	14.1	99	2.95	D	A	3.90	4.84	1736	0.92
	4.2+5.0	3.93	4.67	---	---	2.51	8.60	10.49	0.54	2.79	3.47	2.4	12.3	15.2	99	3.08	D	A	3.90	4.76	1709	0.90
	4.2+6.0	3.54	5.06	---	---	2.69	8.60	10.60	0.54	2.42	3.03	2.4	10.6	13.3	99	3.55	B	A+	4.01	5.20	1814	1.00
	5.0+5.0	4.30	4.30	---	---	2.88	8.60	10.67	0.63	2.70	3.38	2.8	11.9	14.8	99	3.19	D	A	3.88	4.69	1692	0.89
	5.0+6.0	3.91	4.69	---	---	3.08	8.60	10.66	0.64	2.39	2.96	2.8	10.5	13.0	99	3.60	B	A	3.99	5.13	1800	0.98
	1.5+1.5+1.5	2.17	2.17	2.17	---	1.97	6.50	9.54	0.44	1.50	2.46	1.9	6.6	10.8	99	4.33	A	A	3.86	4.75	1725	0.89
	1.5+1.5+2.0	2.08	2.08	2.77	---	1.97	6.92	9.71	0.44	1.67	2.54	1.9	7.3	11.2	99	4.14	A	A	3.89	4.84	1742	0.92
	1.5+1.5+2.5	2.00	2.00	3.34	---	2.06	7.34	9.79	0.45	1.82	2.58	2.0	8.0	11.3	99	4.03	A	A	3.90	4.88	1751	0.95
	1.5+1.5+3.5	1.89	1.89	4.40	---	2.26	8.18	9.89	0.47	2.19	2.71	2.1	9.6	11.9	99	3.74	A	A	3.96	5.23	1849	0.98
	1.5+1.5+4.2	1.79	1.79	5.02	---	2.26	8.60	9.89	0.47	2.38	2.71	2.1	10.5	11.9	99	3.61	A	A	3.98	5.26	1851	1.00
	1.5+1.5+5.0	1.61	1.61	5.38	---	2.66	8.60	10.06	0.58	2.38	2.79	2.5	10.5	12.3	99	3.61	A	A	3.96	5.19	1834	0.99
	1.5+1.5+6.0	1.43	1.43	5.73	---	2.87	8.60	10.18	0.58	2.16	2.51	2.5	9.5	11.0	99	3.98	A	A+	4.09	5.59	1913	1.08
	1.5+2.0+2.0	2.00	2.67	2.67	---	1.97	7.34	9.87	0.44	1.84	2.62	1.9	8.1	11.5	99	3.99	A	A	3.90	4.93	1771	0.95
	1.5+2.0+2.5	1.94	2.59	3.23	---	2.06	7.76	9.96	0.45	2.00	2.65	2.0	8.8	11.6	99	3.88	A	A	3.93	4.97	1772	0.94
	1.5+2.0+3.5	1.84	2.46	4.30	---	2.26	8.60	10.05	0.47	2.38	2.80	2.1	10.5	12.3	99	3.61	A	A	3.98	5.31	1868	1.00
	1.5+2.0+4.2	1.68	2.23	4.69	---	2.26	8.60	10.06	0.47	2.38	2.79	2.1	10.5	12.3	99	3.61	A	A	3.98	5.34	1877	1.03
	1.5+2.0+5.0	1.52	2.02	5.06	---	2.66	8.60	10.46	0.58	2.38	2.87	2.5	10.5	12.6	99	3.61	A	A	3.99	5.27	1850	1.01
	1.5+2.0+6.0	1.36	1.81	5.43	---	2.87	8.60	10.47	0.58	2.16	2.59	2.5	9.5	11.4	99	3.98	A	A+	4.10	5.66	1934	1.10
	1.5+2.5+2.5	1.89	3.15	3.15	---	2.16	8.18	10.07	0.48	2.18	2.65	2.1	9.6	11.6	99	3.75	A	A	3.94	5.01	1780	0.97
	1.5+2.5+3.5	1.72	2.87	4.01	---	2.35	8.60	10.17	0.50	2.38	2.79	2.2	10.5	12.3	99	3.61	A	A	3.99	5.35	1880	1.04
	1.5+2.5+4.2	1.57	2.62	4.40	---	2.36	8.60	10.17	0.50	2.38	2.79	2.2	10.5	12.3	99	3.61	A	A+	4.02	5.38	1876	1.02
	1.5+2.5+5.0	1.43	2.39	4.78	---	2.75	8.60	10.58	0.60	2.38	2.87	2.6	10.5	12.6	99	3.61	A	A	3.98	5.31	1868	1.00
	1.5+2.5+6.0	1.29	2.15	5.16	---	2.96	8.60	10.36	0.61	2.16	2.59	2.7	9.5	11.4	99	3.98	A	A+	4.10	5.69	1945	1.08
	1.5+3.5+3.5	1.52	3.54	3.54	---	2.64	8.60	10.18	0.58	2.38	2.79	2.5	10.5	12.3	99	3.61	A	A+	4.09	5.66	1937	1.10
	1.5+3.5+4.2	1.40	3.27	3.93	---	2.64	8.60	10.18	0.58	2.37	2.78	2.5	10.4	12.2	99	3.63	A	A+	4.08	5.69	1951	1.09
	1.5+3.5+5.0	1.29	3.01	4.30	---	2.94	8.60	10.51	0.66	2.37	2.82	2.9	10.4	12.4	99	3.63	A	A+	4.09	5.62	1926	1.06
	1.5+3.5+6.0	1.17	2.74	4.69	---	2.87	8.60	10.37	0.58	2.15	2.58	2.5	9.4	11.3	99	4.00	A	A+	4.17	5.82	1954	1.11
	1.5+4.2+4.2	1.30	3.65	3.65	---	2.64	8.60	10.27	0.58	2.37	2.82	2.5	10.4	12.4	99	3.63	A	A+	4.10	5.71	1952	1.10
	1.5+4.2+5.0	1.21	3.38	4.02	---	2.94	8.60	10.57	0.66	2.37	2.90	2.9	10.4	12.7	99	3.63	A	A+	4.09	5.65	1935	1.09
	2.0+2.0+2.0	2.63	2.63	2.63	---	1.97	7.89	10.04	0.44	2.05	2.70	1.9	9.0	11.9	99	3.85	A	A	3.94	5.01	1780	0.97
	2.0+2.0+2.5	2.54	2.54	3.17	---	2.06	8.25	10.12	0.45	2.18	2.74	2.0	9.6	12.0	99	3.78	A	A	3.94	5.05	1794	0.96
	2.0+2.0+3.5	2.29	2.29	4.02	---	2.26	8.60	10.22	0.47	2.34	2.88	2.1	10.3	12.6	99	3.68	A	A+	4.02	5.39	1879	1.03
	2.0+2.0+4.2	2.10	2.10	4.40	---	2.26	8.60	10.22	0.47	2.34	2.88	2.1	10.3	12.6	99	3.68	A	A+	4.02	5.42	1888	1.05
	2.0+2.0+5.0	1.91	1.91	4.78	---	2.66	8.60	10.40	0.58	2.34	2.96	2.5	10.3	13.0	99	3.68	A	A	3.99	5.35	1880	1.04
	2.0+2.0+6.0	1.72	1.72	5.16	---	2.87	8.60	10.53	0.58	2.12	2.67	2.5	9.3	11.7	99	4.06	A	A+	4.09	5.73	1960	1.08
	2.0+2.5+2.5	2.46	3.07	3.07	---	2.16	8.60	10.13	0.46	2.35	2.84	2.0	10.3	12.5	99	3.66	A	A	3.94	5.09	1807	0.99
	2.0+2.5+3.5	2.15	2.69	3.76	---	2.35	8.60	10.22	0.49	2.34	2.88	2.2	10.3	12.6	99	3.68	A	A+	4.02	5.42	1888	1.05
	2.0+2.5+4.2	1.98	2.47	4.15	---	2.36	8.60	10.23	0.49	2.34	2.87	2.2	10.3	12.6	99	3.68	A	A+	4.02	5.45	1899	1.04
	2.0+2.5+5.0	1.81	2.26	4.53	---	2.75	8.60	10.63	0.60	2.32	2.99	2.6	10.2	13.1	99	3.71	A	A+	4.02	5.39	1879	1.03
	2.0+2.5+6.0	1.64	2.05	4.91	---	2.96	8.60	10.64	0.60	2.10	2.64	2.6	9.2	11.6	99	4.10	A	A+	4.13	5.76	1952	1.11
	2.0+3.5+3.5	1.92	3.34	3.34	---	2.64	8.60	10.35	0.55	2.31	2.93	2.4	10.1	12.9	99	3.72	A	A+	4.09	5.73	1963	1.08
	2.0+3.5+4.2	1.77	3.10	3.72	---	2.64	8.60	10.35	0.55	2.31	2.92	2.4	10.1	12.8	99	3.72	A	A+	4.12	5.76	1956	1.11
	2.0+3.5+5.0	1.64	2.87	4.09	---	2.94	8.60	10.68	0.62	2.29	3.06	2.7	10.1	13.4	99	3.76	A	A+	4.09	5.70	1951	1.09
	2.0+4.2+4.2	1.65	3.47	3.47	---	2.64	8.60	10.36	0.55	2.31	2.92	2.4	10.1	12.8	99	3.72	A	A+	4.12	5.78	1962	1.13
	2.5+2.5+2.5	2.86	2.86	2.86	---	2.26	8.58	10.24	0.48	2.35	2.87	2.1	10.3	12.6	99	3.65	A	A	3.97	5.13	1809	0.98
	2.5+2.5+3.5	2.53	2.53	3.54	---	2.45	8.60	10.45	0.51	2.34	2.96	2.2	10.3	13.0	99	3.68	A	A+	4.02	5.46	1902	1.05
	2.5+2.5+4.2	2.34	2.34	3.93	---	2.45	8.60	10.46	0.51	2.34	2.96	2.2	10.3	13.0	99	3.68	A	A+	4.02	5.49	1912	1.03
	2.5+2.5+5.0	2.15	2.15	4.30	---	2.85	8.60	10.64	0.62	2.29	3.02	2.7	10.1	13.3	99	3.76	A	A+	4.03	5.43	1889	1.06
	2.5+2.5+6.0	1.95	1.95	4.70	---	3.06	8.60	10.65	0.62	2.08	2.64	2.7	9.1	11.6	99	4.13	A	A+	4.12	5.79	1966	1.10
	2.5+3.5+3.5	2.26	3.17	3.17	---	2.73	8.60	10.58	0.56	2.31	2.96	2.5	10.1	13.0	99	3.72	A	A+	4.12	5.76	1956	1.11
	2.5+3.5+4.2	2.11	2.95	3.54	---	2.74	8.60	10.59	0.56	2.31	2.95	2.5	10.1	13.0	99	3.72	A	A+	4.12	5.79	1970	1.10
	2.5+3.5+5.0	1.95	2.74	3.91	---	3.13	8.60	10.65	0.64	2.29	2.98	2.8	10.1	13.1	99	3.76	A	A+	4.09	5.73	1963	1.08
	2.5+4.2+4.2	1.97	3.31	3.31	---	2.74	8.60	10.59	0.56	2.31	2.95	2.5	10.1	13.0	99	3.72	A	A+	4.13	5.79	1961	1.13
	3.5+3.5+3.5	2.86	2.86	2.86	---	2.92	8.58	10.63	0.61	2.29	3.03	2.7	10.1	13.3	99	3.75	A	A+	4.22	5.83	1933	1.12
	1.5+1.5+1.5+1.5	1.94	1.94	1.94	1.94	2.42	7.76	9.68	0.52	1.62	2.30	2.3	7.1	10.1	99	4.79	A	A+	4.10	5.64	1928	1.08
	1.5+1.5+1.5+2.0	1.89	1.89	1.89	2.52	2.42	8.18	9.86	0.52	1.78	2.38	2.3	7.8	10.5	99	4.60	A	A+	4.14	5.72	1935	1.11
	1.5+1.5+1.5+2.5	1.84	1.84	1.84	3.07	2.52	8.60	9.96	0.53	1.94	2.34	2.3	8.5	10.3	99	4.43	A	A+	4.14	5.75	1946	1.10
	1.5+1.5+1.5+3.5	1.61	1.61	1.61	3.76	2.72	8.60	10.06	0.57	1.94	2.40	2.5	8.5	10.5	99	4.43	A	A+	4.23	5.82	1927	1.11
	1.5+1.5+1.5+4.2	1.48	1.48	1.48	4.15	2.73	8.60	10.06	0.56	1.93	2.39	2.5	8.5	10.5	99	4.46	A	A+	4.26	5.83	1917	1.12
	1.5+1.5+1.5+5.0	1.36	1.36	1.36	4.53	3.04	8.60	10.12	0.63	1.89	2.31	2.8	8.3	10.1	99	4.55	A	A+	4.23	5.82	1929	1.11
	1.5+1.5+1.5+6.0	1.23	1.23	1.23	4.91	2.98	8.60	10.46	0.48	1.66	2.15	2.1	7.3	9.4	99	5.18	A	A+	4.37	5.84	1872	1.12

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXS68F	1.5+1.5+2.0+2.0	1.84	1.84	2.46	2.46	2.42	8.60	10.04	0.52	1.94	2.46	2.3	8.5	10.8	99	4.43	A	A+	4.15	5.78	1953	1.13
	1.5+1.5+2.0+2.5	1.72	1.72	2.29	2.87	2.52	8.60	10.13	0.53	1.94	2.42	2.3	8.5	10.6	99	4.43	A	A+	4.15	5.79	1953	1.13
	1.5+1.5+2.0+3.5	1.52	1.52	2.02	3.54	2.72	8.60	10.23	0.57	1.94	2.47	2.5	8.5	10.8	99	4.43	A	A+	4.27	5.83	1913	1.12
	1.5+1.5+2.0+4.2	1.40	1.40	1.87	3.93	2.73	8.60	10.24	0.56	1.93	2.47	2.5	8.5	10.8	99	4.46	A	A+	4.30	5.83	1900	1.11
	1.5+1.5+2.0+5.0	1.29	1.29	1.72	4.30	3.04	8.60	10.30	0.63	1.89	2.39	2.8	8.3	10.5	99	4.55	A	A+	4.26	5.83	1917	1.12
	1.5+1.5+2.0+6.0	1.17	1.17	1.56	4.69	2.98	8.60	10.64	0.48	1.66	2.22	2.1	7.3	9.7	99	5.18	A	A+	4.42	5.84	1852	1.12
	1.5+1.5+2.5+2.5	1.61	1.61	2.69	2.69	2.62	8.60	10.14	0.55	1.94	2.42	2.4	8.5	10.6	99	4.43	A	A+	4.18	5.80	1943	1.10
	1.5+1.5+2.5+3.5	1.43	1.43	2.39	3.34	2.92	8.60	10.24	0.63	1.94	2.47	2.8	8.5	10.8	99	4.43	A	A+	4.30	5.83	1898	1.11
	1.5+1.5+2.5+4.2	1.33	1.33	2.22	3.72	2.92	8.60	10.24	0.62	1.93	2.47	2.7	8.5	10.8	99	4.46	A	A+	4.31	5.84	1897	1.12
	1.5+1.5+2.5+5.0	1.23	1.23	2.05	4.10	3.04	8.60	10.48	0.63	1.89	2.46	2.8	8.3	10.8	99	4.55	A	A+	4.27	5.83	1913	1.12
	1.5+1.5+3.5+3.5	1.29	1.29	3.01	3.01	3.12	8.60	10.34	0.68	1.93	2.50	3.0	8.5	11.0	99	4.46	A	A+	4.41	5.84	1855	1.12
	1.5+1.5+3.5+4.2	1.21	1.21	2.81	3.38	2.93	8.60	10.43	0.62	1.89	2.54	2.7	8.3	11.2	99	4.55	A	A+	4.41	5.84	1854	1.12
	1.5+2.0+2.0+2.0	1.72	2.29	2.29	2.29	2.42	8.60	10.22	0.52	1.94	2.54	2.3	8.5	11.2	99	4.43	A	A+	4.18	5.80	1943	1.10
	1.5+2.0+2.0+2.5	1.61	2.15	2.15	2.69	2.52	8.60	10.31	0.53	1.94	2.49	2.3	8.5	10.9	99	4.43	A	A+	4.19	5.81	1944	1.11
	1.5+2.0+2.0+3.5	1.43	1.91	1.91	3.34	2.72	8.60	10.41	0.57	1.94	2.55	2.5	8.5	11.2	99	4.43	A	A+	4.32	5.84	1895	1.12
	1.5+2.0+2.0+4.2	1.33	1.77	1.77	3.72	2.73	8.60	10.42	0.56	1.93	2.55	2.5	8.5	11.2	99	4.46	A	A+	4.32	5.84	1895	1.12
	1.5+2.0+2.0+5.0	1.23	1.64	1.64	4.10	3.04	8.60	10.48	0.63	1.89	2.46	2.8	8.3	10.8	99	4.55	A	A+	4.30	5.83	1898	1.11
	1.5+2.0+2.5+2.5	1.52	2.02	2.53	2.53	2.62	8.60	10.31	0.55	1.94	2.49	2.4	8.5	10.9	99	4.43	A	A+	4.19	5.81	1942	1.11
	1.5+2.0+2.5+3.5	1.36	1.81	2.26	3.17	2.92	8.60	10.41	0.63	1.94	2.55	2.8	8.5	11.2	99	4.43	A	A+	4.32	5.84	1895	1.12
	1.5+2.0+2.5+4.2	1.26	1.69	2.11	3.54	2.92	8.60	10.42	0.62	1.93	2.55	2.7	8.5	11.2	99	4.46	A	A+	4.33	5.84	1890	1.12
	1.5+2.0+2.5+5.0	1.17	1.56	1.95	3.91	3.04	8.60	10.66	0.63	1.89	2.54	2.8	8.3	11.2	99	4.55	A	A+	4.32	5.84	1895	1.12
	1.5+2.0+3.5+3.5	1.23	1.64	2.87	2.87	3.12	8.60	10.51	0.68	1.93	2.58	3.0	8.5	11.3	99	4.46	A	A+	4.42	5.84	1852	1.12
	1.5+2.5+2.5+2.5	1.43	2.39	2.39	2.39	2.72	8.60	10.32	0.58	1.94	2.49	2.5	8.5	10.9	99	4.43	A	A+	4.19	5.81	1940	1.10
	1.5+2.5+2.5+3.5	1.29	2.15	2.15	3.01	3.02	8.60	10.50	0.66	1.93	2.59	2.9	8.5	11.4	99	4.46	A	A+	4.36	5.84	1877	1.12
	1.5+2.5+2.5+4.2	1.21	2.01	2.01	3.38	2.92	8.60	10.59	0.62	1.93	2.62	2.7	8.5	11.5	99	4.46	A	A+	4.36	5.84	1875	1.12
	1.5+2.5+3.5+3.5	1.17	1.95	2.74	2.74	3.12	8.60	10.60	0.68	1.90	2.62	3.0	8.3	11.5	99	4.53	A	A+	4.48	5.84	1826	1.12
	2.0+2.0+2.0+2.0	2.15	2.15	2.15	2.15	2.42	8.60	10.39	0.52	1.91	2.61	2.3	8.4	11.5	99	4.50	A	A+	4.19	5.81	1942	1.11
	2.0+2.0+2.0+2.5	2.02	2.02	2.02	2.54	2.52	8.60	10.48	0.53	1.91	2.57	2.3	8.4	11.3	99	4.50	A	A+	4.20	5.82	1940	1.11
	2.0+2.0+2.0+3.5	1.81	1.81	1.81	3.17	2.72	8.60	10.58	0.57	1.90	2.63	2.5	8.3	11.6	99	4.53	A	A+	4.36	5.84	1877	1.12
	2.0+2.0+2.0+4.2	1.69	1.69	1.69	3.54	2.73	8.60	10.59	0.56	1.90	2.63	2.5	8.3	11.6	99	4.53	A	A+	4.36	5.84	1875	1.12
	2.0+2.0+2.0+5.0	1.56	1.56	1.56	3.92	3.04	8.60	10.65	0.63	1.86	2.54	2.8	8.2	11.2	99	4.62	A	A+	4.33	5.84	1890	1.12
	2.0+2.0+2.5+2.5	1.91	1.91	2.39	2.39	2.62	8.60	10.49	0.55	1.91	2.57	2.4	8.4	11.3	99	4.50	A	A+	4.23	5.82	1925	1.11
	2.0+2.0+2.5+3.5	1.72	1.72	2.15	3.01	2.92	8.60	10.59	0.60	1.90	2.63	2.6	8.3	11.6	99	4.53	A	A+	4.36	5.84	1875	1.12
	2.0+2.0+2.5+4.2	1.61	1.61	2.01	3.38	2.92	8.60	10.59	0.60	1.90	2.63	2.6	8.3	11.6	99	4.53	A	A+	4.37	5.84	1873	1.12
	2.0+2.0+3.5+3.5	1.56	1.56	2.74	2.74	3.12	8.60	10.69	0.65	1.90	2.66	2.9	8.3	11.7	99	4.53	A	A+	4.48	5.84	1824	1.13
	2.0+2.5+2.5+2.5	1.82	2.26	2.26	2.26	2.72	8.60	10.49	0.57	1.91	2.57	2.5	8.4	11.3	99	4.50	A	A+	4.24	5.82	1923	1.11
	2.0+2.5+2.5+3.5	1.64	2.05	2.05	2.86	3.02	8.60	10.68	0.63	1.90	2.67	2.8	8.3	11.7	99	4.53	A	A+	4.37	5.84	1873	1.12
	2.5+2.5+2.5+2.5	2.15	2.15	2.15	2.15	2.82	8.60	10.67	0.57	1.91	2.59	2.5	8.4	11.4	99	4.50	A	A+	4.26	5.83	1915	1.12
	2.5+2.5+2.5+3.5	1.95	1.95	1.95	2.75	3.12	8.60	10.68	0.64	1.88	2.58	2.8	8.3	11.3	99	4.57	A	A+	4.37	5.84	1871	1.12

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXS80E	1.5+1.5	1.50	1.50	---	---	1.89	3.00	4.03	0.46	0.83	1.09	2.0	3.7	4.8	98	3.61	A	415	A	5.15	3.00	204
	1.5+2.0	1.50	2.00	---	---	1.91	3.50	4.51	0.50	1.00	1.28	2.2	4.4	5.7	98	3.50	A	500	A	5.38	3.50	228
	1.5+2.5	1.50	2.50	---	---	1.97	4.00	4.97	0.46	1.14	1.38	2.0	5.1	6.1	98	3.51	A	570	A	5.54	4.00	253
	1.5+3.5	1.50	3.50	---	---	2.07	5.00	5.83	0.46	1.52	1.82	2.0	6.7	8.1	98	3.29	A	760	A	5.56	5.00	315
	1.5+4.2	1.50	4.20	---	---	2.14	5.70	6.38	0.50	1.88	2.10	2.2	8.3	9.3	98	3.03	B	940	A+	5.61	5.70	356
	1.5+5.0	1.50	5.00	---	---	2.22	6.50	6.95	0.51	2.22	2.51	2.3	9.8	11.1	98	2.93	C	1110	A+	5.62	6.50	406
	1.5+6.0	1.44	5.75	---	---	2.34	7.19	7.59	0.55	2.42	2.67	2.4	10.7	11.8	98	2.97	C	1210	A+	5.98	7.19	421
	1.5+7.1	1.30	6.15	---	---	2.49	7.45	8.19	0.59	2.61	3.08	2.6	11.6	13.7	98	2.85	C	1305	A+	5.97	7.45	437
	2.0+2.0	2.00	2.00	---	---	1.97	4.00	5.30	0.50	1.23	1.67	2.2	5.5	7.4	98	3.25	A	615	A	5.57	4.00	252
	2.0+2.5	2.00	2.50	---	---	2.02	4.50	5.73	0.50	1.38	1.77	2.2	6.1	7.9	98	3.26	A	690	A+	5.66	4.50	279
	2.0+3.5	2.00	3.50	---	---	2.12	5.50	6.31	0.50	1.77	2.44	2.2	7.9	10.8	98	3.11	B	885	A+	5.64	5.50	342
	2.0+4.2	2.00	4.20	---	---	2.19	6.20	6.77	0.50	2.21	2.56	2.2	9.8	11.4	98	2.81	C	1105	A+	5.73	6.20	379
	2.0+5.0	2.00	5.00	---	---	2.27	7.00	7.30	0.51	2.51	2.76	2.3	11.1	12.2	98	2.79	D	1255	A	5.59	7.00	439
	2.0+6.0	1.83	5.48	---	---	2.41	7.31	7.90	0.55	2.48	2.87	2.4	11.0	12.7	98	2.95	C	1240	A+	6.03	7.31	424
	2.0+7.1	1.66	5.90	---	---	2.56	7.56	8.45	0.59	2.67	3.29	2.6	11.8	14.6	98	2.83	C	1335	A+	6.01	7.56	441
	2.5+2.5	2.50	2.50	---	---	2.07	5.00	6.12	0.46	1.47	2.44	2.0	6.5	10.8	98	3.40	A	735	A+	5.70	5.00	307
	2.5+3.5	2.50	3.50	---	---	2.17	6.00	6.60	0.50	1.99	2.38	2.2	8.8	10.6	98	3.02	B	995	A+	5.70	6.00	369
	2.5+4.2	2.50	4.20	---	---	2.24	6.70	7.11	0.50	2.44	2.63	2.2	10.8	11.7	98	2.75	D	1220	A+	5.69	6.70	412
	2.5+5.0	2.40	4.79	---	---	2.34	7.19	7.59	0.54	2.64	2.96	2.4	11.7	13.1	98	2.72	D	1320	A	5.57	7.19	452
	2.5+6.0	2.18	5.24	---	---	2.48	7.42	8.16	0.59	2.60	3.07	2.6	11.5	13.6	98	2.85	C	1300	A+	6.00	7.42	433
	2.5+7.1	2.00	5.68	---	---	2.63	7.68	8.66	0.59	2.74	3.43	2.6	12.2	15.2	98	2.80	C	1370	A+	5.99	7.68	449
	3.5+3.5	3.50	3.50	---	---	2.27	7.00	7.30	0.50	2.63	2.88	2.2	11.7	12.8	98	2.66	D	1315	A	5.55	7.00	442
	3.5+4.2	3.29	3.95	---	---	2.37	7.24	7.73	0.54	2.82	3.08	2.4	12.5	13.7	98	2.57	E	1410	A	5.53	7.24	458
	3.5+5.0	3.06	4.36	---	---	2.48	7.42	8.16	0.58	2.83	3.37	2.6	12.6	15.0	98	2.62	D	1415	A	5.50	7.42	473
	3.5+6.0	2.82	4.83	---	---	2.61	7.65	8.62	0.59	2.74	4.11	2.6	12.2	18.2	98	2.79	D	1370	A+	5.91	7.65	454
	3.5+7.1	2.61	5.30	---	---	2.77	7.91	8.31	0.63	2.87	3.15	2.8	12.7	14.0	98	2.76	D	1435	A+	5.93	7.91	467
	4.2+4.2	3.70	3.70	---	---	2.46	7.40	8.11	0.58	2.88	3.42	2.6	12.8	15.2	98	2.57	E	1440	A	5.54	7.40	468
	4.2+5.0	3.46	4.12	---	---	2.57	7.58	8.48	0.58	2.96	3.59	2.6	13.1	15.9	98	2.56	E	1480	A	5.49	7.58	484
	4.2+6.0	3.22	4.60	---	---	2.71	7.82	8.89	0.63	2.80	3.66	2.8	12.4	16.2	98	2.79	D	1400	A+	5.92	7.82	463
	4.2+7.1	2.97	5.03	---	---	2.86	8.00	9.16	0.67	2.94	3.82	3.0	13.0	16.9	98	2.72	D	1470	A+	5.93	8.00	472
	5.0+5.0	3.88	3.88	---	---	2.68	7.76	8.66	0.62	2.98	3.62	2.8	13.2	16.1	98	2.60	D	1490	A	5.41	7.76	503
	5.0+6.0	3.64	4.36	---	---	2.82	8.00	9.14	0.67	2.88	3.69	3.0	12.8	16.4	98	2.78	D	1440	A+	5.89	8.00	476
	5.0+7.1	3.31	4.69	---	---	2.97	8.00	9.35	0.67	2.82	3.85	3.0	12.5	17.1	98	2.84	C	1410	A+	5.92	8.00	474
	6.0+6.0	4.00	4.00	---	---	2.96	8.00	9.39	0.67	2.65	3.60	3.0	11.8	16.0	98	3.02	B	1325	A++	6.29	8.00	446
	6.0+7.1	3.66	4.34	---	---	3.11	8.00	9.55	0.71	2.58	3.76	3.1	11.4	16.7	98	3.10	B	1290	A++	6.30	8.00	445
	7.1+7.1	4.00	4.00	---	---	3.26	8.00	9.60	0.75	2.51	3.77	3.3	11.1	16.7	98	3.19	B	1255	A++	6.33	8.00	443
	1.5+1.5+1.5	1.50	1.50	1.50	---	2.02	4.50	5.41	0.48	1.14	1.47	2.1	5.1	6.5	98	3.95	A	570	A+	5.77	4.50	274
	1.5+1.5+2.0	1.50	1.50	2.00	---	2.07	5.00	5.83	0.52	1.28	1.67	2.3	5.7	7.4	98	3.91	A	640	A+	5.90	5.00	297
	1.5+1.5+2.5	1.50	1.50	2.50	---	2.12	5.50	6.23	0.52	1.52	1.89	2.3	6.7	8.4	98	3.62	A	760	A+	5.95	5.50	324
	1.5+1.5+3.5	1.50	1.50	3.50	---	2.22	6.50	6.95	0.52	2.00	2.29	2.3	8.9	10.2	98	3.25	A	1000	A+	5.99	6.50	380
	1.5+1.5+4.2	1.48	1.48	4.15	---	2.30	7.12	7.41	0.52	2.35	2.54	2.3	10.4	11.3	98	3.03	B	1175	A+	5.95	7.12	419
	1.5+1.5+5.0	1.37	1.37	4.57	---	2.41	7.31	7.88	0.56	2.43	2.75	2.5	10.8	12.2	98	3.01	B	1215	A+	5.91	7.31	434
	1.5+1.5+6.0	1.26	1.26	5.03	---	2.55	7.54	8.38	0.60	2.32	2.85	2.7	10.3	12.6	98	3.25	A	1160	A++	6.23	7.54	424
	1.5+1.5+7.1	1.16	1.16	5.48	---	2.70	7.79	8.84	0.64	2.45	3.14	2.8	10.9	13.9	98	3.18	B	1225	A++	6.25	7.79	437
	1.5+2.0+2.0	1.50	2.00	2.00	---	2.12	5.50	6.23	0.52	1.52	1.89	2.3	6.7	8.4	98	3.62	A	760	A+	5.99	5.50	322
	1.5+2.0+2.5	1.50	2.00	2.50	---	2.17	6.00	6.60	0.52	1.73	2.06	2.3	7.7	9.1	98	3.47	A	865	A+	6.05	6.00	348
	1.5+2.0+3.5	1.50	2.00	3.50	---	2.27	7.00	7.28	0.52	2.29	2.48	2.3	10.2	11.0	98	3.06	B	1145	A+	6.01	7.00	408
	1.5+2.0+4.2	1.41	1.88	3.95	---	2.37	7.24	7.71	0.55	2.42	2.74	2.4	10.7	12.2	98	2.99	C	1210	A+	5.99	7.24	424
	1.5+2.0+5.0	1.31	1.75	4.36	---	2.48	7.42	8.14	0.59	2.49	2.95	2.6	11.0	13.1	98	2.98	C	1245	A+	5.96	7.42	436
	1.5+2.0+6.0	1.21	1.61	4.83	---	2.61	7.65	8.60	0.60	2.38	3.00	2.7	10.6	13.3	98	3.21	A	1190	A++	6.30	7.65	425
	1.5+2.0+7.1	1.12	1.49	5.30	---	2.77	7.91	9.01	0.64	2.51	3.29	2.8	11.1	14.6	98	3.15	B	1255	A++	6.28	7.91	442
	1.5+2.5+2.5	1.50	2.50	2.50	---	2.22	6.50	6.95	0.52	2.00	2.29	2.3	8.9	10.2	98	3.25	A	1000	A++	6.12	6.50	373
	1.5+2.5+3.5	1.44	2.40	3.36	---	2.34	7.19	7.59	0.55	2.42	2.67	2.4	10.7	11.8	98	2.97	C	1210	A+	5.97	7.19	422
	1.5+2.5+4.2	1.34	2.24	3.76	---	2.44	7.35	7.99	0.55	2.54	2.94	2.4	11.3	13.0	98	2.89	C	1270	A+	5.97	7.35	431
	1.5+2.5+5.0	1.26	2.09	4.19	---	2.55	7.54	8.38	0.59	2.55	3.10	2.6	11.3	13.8	98	2.96	C	1275	A+	5.96	7.54	443
	1.5+2.5+6.0	1.17	1.94	4.66	---	2.68	7.77	8.80	0.60	2.45	3.14	2.7	10.9	13.9	98	3.17	B	1225	A++	6.26	7.77	435
	1.5+2.5+7.1	1.08	1.80	5.12	---	2.83	8.00	9.16	0.64	2.58	3.37	2.8	11.4	15.0	98	3.10	B	1290	A++	6.26	8.00	448
	1.5+3.5+3.5	1.31	3.06	3.06	---	2.48	7.42	8.14	0.59	2.54	3.08	2.6	11.3	13.7	98	2.92	C	1270	A+	5.90	7.42	441
	1.5+3.5+4.2	1.24	2.88	3.46	---	2.57	7.58	8.47	0.59	2.67	3.29	2.6	11.8	14.6	98	2.84	C	1335	A+	5.94	7.58	447
	1.5+3.5+5.0	1.17	2.72	3.89	---	2.68	7.77	8.80	0.63	2.68	3.46	2.8	11.9	15.4	98	2.90	C	1340	A+	5.88	7.77	463
	1.5+3.5+6.0	1.09	2.55	4.36	---	2.82	8.00	9.13	0.64	2.58	3.37	2.8	11.4	15.0	98	3.10	B	1290	A++	6.17	8.00	454
	1.5+3.5+7.1	0.99	2.31	4.69	---	2.97	8.00	9.39	0.67	2.51	3.61	3.0	11.1	16.0	98	3.19	B	1255	A++	6.19	8.00	453
	1.5+4.2+4.2	1.17	3.29	3.29	---	2.67	7.75	8.76	0.63	2.67	3.51	2.8	11.8	15.6	98	2.90	C	1335	A+	5.93	7.75	458
	1.5+4.2+5.0	1.11	3.11	3.71	---	2.78	7.93	9.04	0.63	2.68	3.61	2.8	11.9	16.0	98	2.96	C	1340	A+	5.87	7.93	474
	1.5+4.2+6.0	1.03	2.87	4.10	---	2.92	8.00	9.30	0.67	2.51	3.53	3.0	11.1	15.7	98	3.19	B	1255	A++	6.18	8.00	453
	1.5+4.2+7.1	0.94	2.63	4.44	---	3.07	8.00	9.50	0.71	2.52	3.69	3.1	11.2	16.4	98	3.17	B	1260	A++	6.19	8.00	453
	1.5+5.0+5.0	1.04	3.48	3.48	---	2.89	8.00	9.26	0.67	2.76	3.72	3.0	12.2	16.5	98	2.90	C	1380	A+	5.86	8.00	478
	1.5+5.0+6.0	0.96	3.20	3.84	---	3.03	8.00	9.45	0.68	2.46	3.55	3.0	10.9	15.7	98	3.25	A	1230	A++	6.17	8.00	454
	1.5+5.0+7.1	0.88	2.94	4.18	---	3.18	8.00	9.57	0.71	2.39	3.63	3.1	10.6	16.1	98	3.35	A	1195	A++	6.19	8.00	453
	1.5+6.0+6.0	0.89	3.56	3.56	---	3.16	8.00	9.56	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140	A++	6.33	8.00	443
	2.0+2.0+2.0	2.00	2.00	2.00	---	2.17	6.00	6.63	0.52	1.73	2.12	2.3	7.7	9.4	98	3.47	A	865	A+	6.07	6.00	346
	2.0+2.0+2.5	2.00	2.00	2.50	---	2.22	6.50	6.95	0.52	2.00	2.29	2.3	8.9	10.2	98	3.25	A	1000	A++	6.20	6.50	367
	2.0+2.0+3.5	1.92	1.92	3.36	---	2.34	7.19	7.61	0.55	2.42	2.67	2.4	10.7	11.8	98	2.97	C	1210	A+	6.05	7.19	417
	2.0+2.0+4.2	1.79	1.79	3.76	---	2.44	7.35	8.01	0.55	2.54	2.87	2.4	11.3	12.7	98	2.89	C	1270	A+	6.06	7.35	425
	2.0+2.0+5.0	1.68	1.68	4.19	---	2.55	7.54	8.40	0.59	2.55	3.17	2.6	11.3	14.1	98	2.96	C	1275	A+	6.04	7.54	438
	2.0+2.0+6.0	1.55	1.55	4.66	---	2.68	7.77	8.82	0.60	2.45	3.14	2.7	10.9	13.9	98	3.17	B	1225	A++	6.28	7.77	433
	2.0+2.0+7.1	1.44	1.44	5.12	---	2.83	8.00	9.18	0.64	2.58	3.45	2.8	11.4	15.3	98	3.10	B	1290	A++	6.29	8.00	446
	2.0+2.5+2.5	2.00	2.50	2.50	---	2.27	7.00	7.30	0.52	2.29	2.48	2.3	10.2	11.0	98	3.06	B	1145	A++	6.16	7.00	398
	2.0+2.5+3.5	1.83	2.28	3.20	---	2.41	7.31	7.90	0.55	2.48	2.87	2.4	11.0	12.7	98	2.95	C	1240	A+	6.05	7.31	423
	2.0+2.5+4.2	1.72	2.15	3.61	---	2.50	7.47	8.26	0.59	2.61	3.01	2.6	11.6	13.4	98	2.86	C	1305	A+	6.04	7.47	434
	2.0+2.5+5.0	1.61	2.01	4.03	---	2.61	7.65	8.62	0.59	2.62	3.31	2.6	11.6	14.7	98	2.92	C	1310	A+	6.02	7.65	445
	2.0+2.5+6.0	1.50	1.88	4.50	---	2.75	7.88	8.99	0.64	2.51	3.29	2.8	11.1	14.6	98	3.14	B	1255	A++	6.29	7.88	439
	2.0+2.5+7.1	1.38	1.72	4.90	---	2.90	8.00	9.30	0.67	2.58	3.53	3.0	11.4	15.7	98	3.10	B	1290	A++	6.29	8.00	446

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXS80E	2.0+3.5+3.5	1.68	2.93	2.93	---	2.55	7.54	8.40	0.59	2.67	3.22	2.6	11.8	14.3	98	2.82	C	1335	A+	5.99	7.54	441
	2.0+3.5+4.2	1.59	2.78	3.33	---	2.64	7.70	8.70	0.63	2.74	3.37	2.8	12.2	15.0	98	2.81	C	1370	A+	5.97	7.70	452
	2.0+3.5+5.0	1.50	2.63	3.75	---	2.75	7.88	8.99	0.63	2.75	3.61	2.8	12.2	16.0	98	2.87	C	1375	A+	5.92	7.88	467
	2.0+3.5+6.0	1.39	2.43	4.17	---	2.89	8.00	9.28	0.67	2.58	3.52	3.0	11.4	15.6	98	3.10	B	1290	A++	6.20	8.00	452
	2.0+3.5+7.1	1.27	2.22	4.51	---	3.04	8.00	9.10	0.67	2.51	3.30	3.0	11.1	14.6	98	3.19	B	1255	A++	6.21	8.00	451
	2.0+4.2+4.2	1.51	3.17	3.17	---	2.74	7.86	8.99	0.63	2.74	3.66	2.8	12.2	16.2	98	2.87	C	1370	A+	5.95	7.86	463
	2.0+4.2+5.0	1.43	3.00	3.57	---	2.85	8.00	9.23	0.67	2.75	3.77	3.0	12.2	16.7	98	2.91	C	1375	A+	5.92	8.00	473
	2.0+4.2+6.0	1.31	2.75	3.93	---	2.98	8.00	9.45	0.67	2.51	3.60	3.0	11.1	16.0	98	3.19	B	1255	A++	6.21	8.00	451
	2.0+4.2+7.1	1.20	2.53	4.27	---	3.14	8.00	9.60	0.71	2.52	3.69	3.1	11.2	16.4	98	3.17	B	1260	A++	6.25	8.00	449
	2.0+5.0+5.0	1.33	3.33	3.33	---	2.96	8.00	9.39	0.67	2.76	3.80	3.0	12.2	16.9	98	2.90	C	1380	A+	5.90	8.00	475
	2.0+5.0+6.0	1.23	3.08	3.69	---	3.09	8.00	9.54	0.71	2.46	3.63	3.1	10.9	16.1	98	3.25	A	1230	A++	6.21	8.00	451
	2.0+5.0+7.1	1.13	2.84	4.03	---	3.25	8.00	9.60	0.71	2.39	3.63	3.1	10.6	16.1	98	3.35	A	1195	A++	6.24	8.00	449
	2.0+6.0+6.0	1.14	3.43	3.43	---	3.23	8.00	9.60	0.72	2.28	3.37	3.2	10.1	15.0	98	3.51	A	1140	A++	6.36	8.00	441
	2.5+2.5+2.5	2.40	2.40	2.40	---	2.34	7.20	7.61	0.55	2.42	2.67	2.4	10.7	11.8	98	2.98	C	1210	A++	6.12	7.20	412
	2.5+2.5+3.5	2.18	2.18	3.06	---	2.48	7.42	8.16	0.59	2.54	3.08	2.6	11.3	13.7	98	2.92	C	1270	A+	6.04	7.42	431
	2.5+2.5+4.2	2.06	2.06	3.46	---	2.57	7.58	8.49	0.59	2.67	3.29	2.6	11.8	14.6	98	2.84	C	1335	A+	6.03	7.58	441
	2.5+2.5+5.0	1.94	1.94	3.89	---	2.68	7.77	8.82	0.63	2.68	3.46	2.8	11.9	15.4	98	2.90	C	1340	A+	6.01	7.77	453
	2.5+2.5+6.0	1.82	1.82	4.36	---	2.82	8.00	9.15	0.64	2.58	3.45	2.8	11.4	15.3	98	3.10	B	1290	A++	6.26	8.00	448
	2.5+2.5+7.1	1.65	1.65	4.69	---	2.97	8.00	9.41	0.67	2.51	3.61	3.0	11.1	16.0	98	3.19	B	1255	A++	6.29	8.00	446
	2.5+3.5+3.5	2.01	2.82	2.82	---	2.61	7.65	8.34	0.59	2.74	3.01	2.6	12.2	13.4	98	2.79	D	1370	A+	5.98	7.65	448
	2.5+3.5+4.2	1.92	2.68	3.22	---	2.71	7.82	8.89	0.63	2.80	3.44	2.8	12.4	15.3	98	2.79	D	1400	A+	5.96	7.82	460
	2.5+3.5+5.0	1.82	2.55	3.64	---	2.82	8.00	9.15	0.67	2.82	3.69	3.0	12.5	16.4	98	2.84	C	1410	A+	5.90	8.00	475
	2.5+3.5+6.0	1.67	2.33	4.00	---	2.96	8.00	9.39	0.67	2.58	3.60	3.0	11.4	16.0	98	3.10	B	1290	A++	6.21	8.00	451
	2.5+3.5+7.1	1.53	2.14	4.34	---	3.11	8.00	9.10	0.71	2.51	3.30	3.1	11.1	14.6	98	3.19	B	1255	A++	6.25	8.00	449
	2.5+4.2+4.2	1.83	3.07	3.07	---	2.81	7.98	9.02	0.67	2.87	3.67	3.0	12.7	16.3	98	2.78	D	1435	A+	5.93	7.98	471
	2.5+4.2+5.0	1.71	2.87	3.42	---	2.92	8.00	9.35	0.67	2.82	3.85	3.0	12.5	17.1	98	2.84	C	1410	A+	5.93	8.00	473
	2.5+4.2+6.0	1.57	2.65	3.78	---	3.05	8.00	9.53	0.67	2.58	3.68	3.0	11.4	16.3	98	3.10	B	1290	A++	6.21	8.00	451
	2.5+4.2+7.1	1.45	2.43	4.12	---	3.20	8.00	9.63	0.71	2.52	3.77	3.1	11.2	16.7	98	3.17	B	1260	A++	6.25	8.00	449
	2.5+5.0+5.0	1.60	3.20	3.20	---	3.03	8.00	9.47	0.71	2.76	3.88	3.1	12.2	17.2	98	2.90	C	1380	A+	5.90	8.00	475
	2.5+5.0+6.0	1.48	2.96	3.56	---	3.16	8.00	9.58	0.71	2.46	3.63	3.1	10.9	16.1	98	3.25	A	1230	A++	6.21	8.00	451
	2.5+6.0+6.0	1.38	3.31	3.31	---	3.30	8.00	9.60	0.72	2.22	3.37	3.2	9.8	15.0	98	3.60	A	1110	A++	6.36	8.00	441
	3.5+3.5+3.5	2.63	2.63	2.63	---	2.75	7.89	8.67	0.63	2.87	3.15	2.8	12.7	14.0	98	2.75	D	1435	A+	5.86	7.89	472
	3.5+3.5+4.2	2.50	2.50	3.00	---	2.85	8.01	9.29	0.67	2.94	3.66	3.0	13.0	16.2	98	2.72	D	1470	A+	5.87	8.00	478
	3.5+3.5+5.0	2.33	2.33	3.33	---	2.96	8.00	9.35	0.67	2.82	3.85	3.0	12.5	17.1	98	2.84	C	1410	A+	5.86	8.00	478
	3.5+3.5+6.0	2.15	2.15	3.69	---	3.09	8.00	9.11	0.71	2.58	3.37	3.1	11.4	15.0	98	3.10	B	1290	A++	6.14	8.00	456
	3.5+3.5+7.1	1.99	1.99	4.03	---	3.25	8.00	9.60	0.75	2.52	3.77	3.3	11.2	16.7	98	3.17	B	1260	A++	6.18	8.00	454
	3.5+4.2+4.2	2.35	2.82	2.82	---	2.94	8.00	9.18	0.67	2.87	3.82	3.0	12.7	16.9	98	2.79	D	1435	A+	5.88	8.00	477
	3.5+4.2+5.0	2.20	2.65	3.15	---	3.05	8.00	9.36	0.71	2.75	3.85	3.1	12.2	17.1	98	2.91	C	1375	A+	5.88	8.00	477
	3.5+4.2+6.0	2.04	2.45	3.50	---	3.19	8.00	9.59	0.71	2.51	3.77	3.1	11.1	16.7	98	3.19	B	1255	A++	6.17	8.00	455
	3.5+5.0+5.0	2.07	2.96	2.96	---	3.16	8.00	9.55	0.71	2.76	3.88	3.1	12.2	17.2	98	2.90	C	1380	A+	5.86	8.00	478
	3.5+5.0+6.0	1.93	2.76	3.31	---	3.30	8.00	9.60	0.75	2.46	3.63	3.3	10.9	16.1	98	3.25	A	1230	A++	6.14	8.00	456
	4.2+4.2+4.2	2.67	2.67	2.67	---	3.04	8.00	9.19	0.71	2.87	3.82	3.1	12.7	16.9	98	2.79	D	1435	A+	5.88	8.00	476
	4.2+4.2+5.0	2.51	2.51	2.99	---	3.15	8.00	9.37	0.71	2.75	3.85	3.1	12.2	17.1	98	2.91	C	1375	A+	5.88	8.00	477
	4.2+4.2+6.0	2.33	2.33	3.33	---	3.29	8.00	9.60	0.75	2.51	3.77	3.3	11.1	16.7	98	3.19	B	1255	A++	6.17	8.00	454
	4.2+5.0+5.0	2.37	2.82	2.82	---	3.26	8.00	9.56	0.75	2.70	3.88	3.3	12.0	17.2	98	2.96	C	1350	A+	5.88	8.00	477
	1.5+1.5+1.5+1.5	1.50	1.50	1.50	1.50	2.17	6.00	6.60	0.53	1.47	1.73	2.4	6.5	7.7	98	4.08	A	735	A++	6.10	6.00	345
	1.5+1.5+1.5+2.0	1.50	1.50	1.50	2.00	2.22	6.50	6.95	0.53	1.68	1.90	2.4	7.5	8.4	98	3.87	A	840	A++	6.17	6.50	369
	1.5+1.5+1.5+2.5	1.50	1.50	1.50	2.50	2.27	7.00	7.28	0.53	1.90	2.07	2.4	8.4	9.2	98	3.68	A	950	A++	6.22	7.00	394
	1.5+1.5+1.5+3.5	1.37	1.37	1.37	3.20	2.41	7.31	7.88	0.56	2.07	2.38	2.5	9.2	10.6	98	3.53	A	1035	A++	6.16	7.31	416
	1.5+1.5+1.5+4.2	1.29	1.29	1.29	3.61	2.50	7.47	8.24	0.56	2.13	2.58	2.5	9.4	11.4	98	3.51	A	1065	A++	6.17	7.47	424
	1.5+1.5+1.5+5.0	1.21	1.21	1.21	4.03	2.61	7.65	8.60	0.60	2.33	2.87	2.7	10.3	12.7	98	3.28	A	1165	A++	6.16	7.65	435
	1.5+1.5+1.5+6.0	1.13	1.13	1.13	4.50	2.75	7.88	8.97	0.61	2.22	2.91	2.7	9.8	12.9	98	3.55	A	1110	A++	6.31	7.88	438
	1.5+1.5+1.5+7.1	1.03	1.03	1.03	4.90	2.90	8.00	9.28	0.64	2.22	3.06	2.8	9.8	13.6	98	3.60	A	1110	A++	6.30	8.00	445
	1.5+1.5+2.0+2.0	1.50	1.50	2.00	2.00	2.27	7.00	7.28	0.53	1.90	2.07	2.4	8.4	9.2	98	3.68	A	950	A++	6.25	7.00	392
	1.5+1.5+2.0+2.5	1.44	1.44	1.92	2.40	2.34	7.19	7.59	0.56	2.02	2.20	2.5	9.0	9.8	98	3.56	A	1010	A++	6.25	7.19	403
	1.5+1.5+2.0+3.5	1.31	1.31	1.75	3.06	2.48	7.42	8.14	0.56	2.13	2.51	2.5	9.4	11.1	98	3.48	A	1065	A++	6.18	7.42	420
	1.5+1.5+2.0+4.2	1.24	1.24	1.65	3.46	2.57	7.58	8.47	0.60	2.20	2.72	2.7	9.8	12.1	98	3.45	A	1100	A++	6.19	7.58	429
	1.5+1.5+2.0+5.0	1.17	1.17	1.55	3.89	2.68	7.77	8.80	0.60	2.39	3.01	2.7	10.6	13.4	98	3.25	A	1195	A++	6.14	7.77	444
	1.5+1.5+2.0+6.0	1.09	1.09	1.45	4.36	2.82	8.00	9.13	0.64	2.28	2.98	2.8	10.1	13.2	98	3.51	A	1140	A++	6.30	8.00	445
	1.5+1.5+2.0+7.1	0.99	0.99	1.32	4.69	2.97	8.00	9.39	0.68	2.22	3.14	3.0	9.8	13.9	98	3.60	A	1110	A++	6.32	8.00	443
	1.5+1.5+2.5+2.5	1.37	1.37	2.28	2.28	2.41	7.31	7.88	0.56	2.07	2.38	2.5	9.2	10.6	98	3.53	A	1035	A++	6.24	7.31	411
	1.5+1.5+2.5+3.5	1.26	1.26	2.09	2.93	2.55	7.54	8.38	0.60	2.32	2.86	2.7	10.3	12.7	98	3.25	A	1160	A++	6.18	7.54	428
	1.5+1.5+2.5+4.2	1.19	1.19	1.98	3.33	2.64	7.70	8.68	0.60	2.38	3.07	2.7	10.6	13.6	98	3.24	A	1190	A++	6.20	7.70	435
	1.5+1.5+2.5+5.0	1.13	1.13	1.88	3.75	2.75	7.88	8.97	0.64	2.46	3.16	2.8	10.9	14.0	98	3.20	A	1230	A++	6.14	7.88	449
	1.5+1.5+2.5+6.0	1.04	1.04	1.74	4.17	2.89	8.00	9.26	0.64	2.28	3.06	2.8	10.1	13.6	98	3.51	A	1140	A++	6.30	8.00	445
	1.5+1.5+2.5+7.1	0.95	0.95	1.59	4.51	3.04	8.00	9.47	0.68	2.22	3.21	3.0	9.8	14.2	98	3.60	A	1110	A++	6.32	8.00	443
	1.5+1.5+3.5+3.5	1.17	1.17	2.72	2.72	2.68	7.77	8.80	0.60	2.45	3.15	2.7	10.9	14.0	98	3.17	B	1225	A+	6.07	7.77	449
	1.5+1.5+3.5+4.2	1.11	1.11	2.59	3.11	2.78	7.93	9.04	0.64	2.52	3.30	2.8	11.2	14.6	98	3.15	B	1260	A+	6.09	7.93	457
	1.5+1.5+3.5+5.0	1.04	1.04	2.43	3.48	2.89	8.00	9.26	0.64	2.52	3.39	2.8	11.2	15.0	98	3.17	B	1260	A+	6.06	8.00	462
	1.5+1.5+3.5+6.0	0.96	0.96	2.24	3.84	3.03	8.00	9.45	0.68	2.28	3.21	3.0	10.1	14.2	98	3.51	A	1140	A++	6.23	8.00	450
	1.5+1.5+3.5+7.1	0.88	0.88	2.06	4.18	3.18	8.00	9.57	0.72	2.22	3.29	3.2	9.8	14.6	98	3.60	A	1110	A++	6.25	8.00	448
	1.5+1.5+4.2+4.2	1.05	1.05	2.95	2.95	2.87	8.00	9.23	0.64	2.58	3.45	2.8	11.4	15.3	98	3.10	B	1290	A+	6.07	8.00	462
	1.5+1.5+4.2+5.0	0.98	0.98	2.75	3.28	2.98	8.00	9.40	0.68	2.52	3.47	3.0	11.2	15.4	98	3.17	B	1260	A+	6.07	8.00	462
	1.5+1.5+4.2+6.0	0.91	0.91	2.55	3.64	3.12	8.00	9.54	0.68	2.28	3.29	3.0	10.1	14.6	98	3.51	A	1140	A++	6.25	8.00	449
	1.5+1.5+4.2+7.1	0.84	0.84	2.35	3.97	3.27	8.00	9.58	0.72	2.22	3.29	3.2	9.8	14.6	98	3.60	A	1110	A++	6.25	8.00	448
	1.5+1.5+5.0+5.0	0.92	0.92	3.08	3.08	3.09	8.00	9.52	0.68	2.40	3.42	3.0	10.6	15.2	98	3.33	A	1200	A+	6.07	8.00	462
	1.5+1.5+5.0+6.0	0.86	0.86	2.86	3.43	3.23	8.00	9.58	0.72	2.22	3.23	3.2	9.8	14.3	98	3.60	A	1110	A++	6.23	8.00	450
	1.5+2.0+2.0+2.0	1.44	1.92	1.92	1.92	2.34	7.19	7.59	0.56	2.02	2.20	2.5	9.0	9.8	98	3.56	A	1010	A++	6.27	7.19	402
	1.5+2.0+2.0+2.5	1.37	1.83	1.83	2.28	2.41	7.31	7.88	0.56	2.07	2.38	2.5	9.2	10.6	98	3.53	A	1035	A++	6.28	7.31	408
	1.5+2.0+2.0+3.5	1.26	1.68	1.68	2.93	2.55	7.54	8.38	0.60	2.20	2.65	2.7	9.8	11.8	98	3.43	A	1100	A++	6.21	7.54	426
	1.5+2.0+2.0+4.2	1.19	1.59	1.59	3.33	2.64	7.70	8.68	0.60	2.26	2.86	2.7	10.0	12.7	98	3.41	A	1130	A++	6.21	7.70	434
	1.5+2.0+2.0+5.0	1.13	1.50	1.50	3.75	2.75	7.88	8.97	0.64	2.46	3.16	2.8	10.9	14.0	98	3.20	A	1230	A++	6.16	7.88	449
	1.5+2.0+2.0+6.0	1.04	1.39	1.39	4.17	2.89	8.00	9.26	0.64	2.28	3.06	2.8	10.1	13.6	98	3.51	A	1140	A++	6.32	8.00	443

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXS80E	1.5+2.0+2.0+7.1	0.95	1.27	1.27	4.51	3.04	8.00	9.47	0.68	2.22	3.21	3.0	9.8	14.2	98	3.60	A	1110	A++	6.35	8.00	442
	1.5+2.0+2.5+2.5	1.31	1.75	2.18	2.18	2.48	7.42	8.14	0.56	2.13	2.51	2.5	9.4	11.1	98	3.48	A	1065	A++	6.30	7.42	413
	1.5+2.0+2.5+3.5	1.21	1.61	2.01	2.82	2.61	7.65	8.60	0.60	2.38	3.00	2.7	10.6	13.3	98	3.21	A	1190	A++	6.20	7.65	432
	1.5+2.0+2.5+4.2	1.15	1.53	1.92	3.22	2.71	7.82	8.87	0.64	2.51	3.22	2.8	11.1	14.3	98	3.12	B	1255	A++	6.17	7.82	444
	1.5+2.0+2.5+5.0	1.09	1.45	1.82	3.64	2.82	8.00	9.13	0.64	2.52	3.24	2.8	11.2	14.4	98	3.17	B	1260	A++	6.15	8.00	456
	1.5+2.0+2.5+6.0	1.00	1.33	1.67	4.00	2.96	8.00	9.37	0.68	2.28	3.13	3.0	10.1	13.9	98	3.51	A	1140	A++	6.32	8.00	443
	1.5+2.0+2.5+7.1	0.92	1.22	1.53	4.34	3.11	8.00	9.53	0.68	2.22	3.29	3.0	9.8	14.6	98	3.60	A	1110	A++	6.35	8.00	442
	1.5+2.0+3.5+3.5	1.13	1.50	2.63	2.63	2.75	7.88	8.97	0.64	2.51	3.30	2.8	11.1	14.6	98	3.14	B	1255	A+	6.09	7.88	453
	1.5+2.0+3.5+4.2	1.07	1.43	2.50	3.00	2.85	8.00	9.18	0.64	2.58	3.45	2.8	11.4	15.3	98	3.10	B	1290	A++	6.10	8.00	460
	1.5+2.0+3.5+5.0	1.00	1.33	2.33	3.33	2.96	8.00	9.37	0.68	2.52	3.47	3.0	11.2	15.4	98	3.17	B	1260	A+	6.08	8.00	461
	1.5+2.0+3.5+6.0	0.92	1.23	2.15	3.69	3.09	8.00	9.52	0.68	2.28	3.29	3.0	10.1	14.6	98	3.51	A	1140	A++	6.27	8.00	447
	1.5+2.0+3.5+7.1	0.85	1.13	1.99	4.03	3.25	8.00	9.58	0.72	2.22	3.29	3.2	9.8	14.6	98	3.60	A	1110	A++	6.27	8.00	447
	1.5+2.0+4.2+4.2	1.01	1.34	2.82	2.82	2.94	8.00	9.35	0.67	2.58	3.53	3.0	11.4	15.7	98	3.10	B	1290	A++	6.10	8.00	459
	1.5+2.0+4.2+5.0	0.94	1.26	2.65	3.15	3.05	8.00	9.48	0.68	2.52	3.55	3.0	11.2	15.7	98	3.17	B	1260	A++	6.10	8.00	459
	1.5+2.0+4.2+6.0	0.88	1.17	2.45	3.50	3.19	8.00	9.57	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140	A++	6.27	8.00	447
	1.5+2.0+5.0+5.0	0.89	1.19	2.96	2.96	3.16	8.00	9.56	0.71	2.40	3.50	3.1	10.6	15.5	98	3.33	A	1200	A++	6.10	8.00	460
	1.5+2.0+5.0+6.0	0.83	1.10	2.76	3.31	3.30	8.00	9.58	0.72	2.22	3.23	3.2	9.8	14.3	98	3.60	A	1110	A++	6.27	8.00	447
	1.5+2.5+2.5+2.5	1.26	2.09	2.09	2.09	2.55	7.54	8.38	0.60	2.20	2.65	2.7	9.8	11.8	98	3.43	A	1100	A++	6.28	7.54	421
	1.5+2.5+2.5+3.5	1.17	1.94	1.94	2.72	2.68	7.77	8.80	0.60	2.45	3.14	2.7	10.9	13.9	98	3.17	B	1225	A++	6.16	7.77	442
	1.5+2.5+2.5+4.2	1.11	1.85	1.85	3.11	2.78	7.93	9.04	0.64	2.58	3.30	2.8	11.4	14.6	98	3.07	B	1290	A++	6.17	7.93	450
	1.5+2.5+2.5+5.0	1.04	1.74	1.74	3.48	2.89	8.00	9.26	0.64	2.52	3.39	2.8	11.2	15.0	98	3.17	B	1260	A++	6.15	8.00	456
	1.5+2.5+2.5+6.0	0.96	1.60	1.60	3.84	3.03	8.00	9.45	0.68	2.28	3.21	3.0	10.1	14.2	98	3.51	A	1140	A++	6.32	8.00	443
	1.5+2.5+2.5+7.1	0.88	1.47	1.47	4.18	3.18	8.00	9.57	0.72	2.22	3.29	3.2	9.8	14.6	98	3.60	A	1110	A++	6.35	8.00	442
	1.5+2.5+3.5+3.5	1.09	1.82	2.55	2.55	2.82	8.00	9.13	0.64	2.58	3.37	2.8	11.4	15.0	98	3.10	B	1290	A++	6.10	8.00	460
	1.5+2.5+3.5+4.2	1.03	1.71	2.39	2.87	2.92	8.00	9.30	0.67	2.58	3.53	3.0	11.4	15.7	98	3.10	B	1290	A++	6.10	8.00	459
	1.5+2.5+3.5+5.0	0.96	1.60	2.24	3.20	3.03	8.00	9.45	0.68	2.52	3.47	3.0	11.2	15.4	98	3.17	B	1260	A++	6.10	8.00	460
	1.5+2.5+3.5+6.0	0.89	1.48	2.07	3.56	3.16	8.00	9.56	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140	A++	6.27	8.00	447
	1.5+2.5+4.2+4.2	0.97	1.61	2.71	2.71	3.01	8.00	9.44	0.67	2.58	3.61	3.0	11.4	16.0	98	3.10	B	1290	A++	6.15	8.00	456
	1.5+2.5+4.2+5.0	0.91	1.52	2.55	3.03	3.12	8.00	9.54	0.71	2.52	3.55	3.1	11.2	15.7	98	3.17	B	1260	A++	6.10	8.00	459
	1.5+2.5+4.2+6.0	0.85	1.41	2.37	3.38	3.26	8.00	9.58	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140	A++	6.27	8.00	447
	1.5+2.5+5.0+5.0	0.86	1.43	2.86	2.86	3.23	8.00	9.58	0.71	2.40	3.50	3.1	10.6	15.5	98	3.33	A	1200	A++	6.10	8.00	459
	1.5+3.5+3.5+3.5	1.00	2.33	2.33	2.33	2.96	8.00	9.37	0.67	2.58	3.45	3.0	11.4	15.3	98	3.10	B	1290	A+	6.04	8.00	464
	1.5+3.5+3.5+4.2	0.94	2.20	2.20	2.65	3.05	8.00	9.48	0.67	2.58	3.61	3.0	11.4	16.0	98	3.10	B	1290	A+	6.09	8.00	460
	1.5+3.5+3.5+5.0	0.89	2.07	2.07	2.96	3.16	8.00	9.56	0.71	2.52	3.55	3.1	11.2	15.7	98	3.17	B	1260	A+	6.08	8.00	461
	1.5+3.5+3.5+6.0	0.83	1.93	1.93	3.31	3.30	8.00	9.58	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140	A++	6.20	8.00	452
	1.5+3.5+4.2+4.2	0.90	2.09	2.51	2.51	3.15	8.00	9.55	0.71	2.58	3.69	3.1	11.4	16.4	98	3.10	B	1290	A++	6.10	8.00	460
	1.5+3.5+4.2+5.0	0.85	1.97	2.37	2.82	3.26	8.00	9.58	0.71	2.53	3.64	3.1	11.2	16.1	98	3.16	B	1265	A+	6.09	8.00	460
	1.5+4.2+4.2+4.2	0.85	2.38	2.38	2.38	3.25	8.00	9.58	0.75	2.58	3.69	3.3	11.4	16.4	98	3.10	B	1290	A++	6.10	8.00	460
	2.0+2.0+2.0+2.0	1.83	1.83	1.83	1.83	2.41	7.32	7.90	0.56	2.07	2.38	2.5	9.2	10.6	98	3.54	A	1035	A++	6.31	7.32	407
	2.0+2.0+2.0+2.5	1.75	1.75	1.75	2.18	2.48	7.42	8.16	0.56	2.13	2.51	2.5	9.4	11.1	98	3.48	A	1065	A++	6.31	7.42	412
	2.0+2.0+2.0+3.5	1.61	1.61	1.61	2.82	2.61	7.65	8.62	0.60	2.26	2.86	2.7	10.0	12.7	98	3.38	A	1130	A++	6.22	7.65	431
	2.0+2.0+2.0+4.2	1.53	1.53	1.53	3.22	2.71	7.82	8.89	0.64	2.32	3.00	2.8	10.3	13.3	98	3.37	A	1160	A++	6.22	7.82	441
	2.0+2.0+2.0+5.0	1.45	1.45	1.45	3.64	2.82	8.00	9.15	0.64	2.52	3.32	2.8	11.2	14.7	98	3.17	B	1260	A++	6.18	8.00	454
	2.0+2.0+2.0+6.0	1.33	1.33	1.33	4.00	2.96	8.00	9.39	0.68	2.28	3.21	3.0	10.1	14.2	98	3.51	A	1140	A++	6.35	8.00	442
	2.0+2.0+2.0+7.1	1.22	1.22	1.22	4.34	3.11	8.00	9.55	0.68	2.22	3.29	3.0	9.8	14.6	98	3.60	A	1110	A++	6.35	8.00	442
	2.0+2.0+2.5+2.5	1.68	1.68	2.09	2.09	2.55	7.54	8.40	0.60	2.20	2.72	2.7	9.8	12.1	98	3.43	A	1100	A++	6.31	7.54	418
	2.0+2.0+2.5+3.5	1.55	1.55	1.94	2.72	2.68	7.77	8.82	0.60	2.45	3.14	2.7	10.9	13.9	98	3.17	B	1225	A++	6.25	7.77	436
	2.0+2.0+2.5+4.2	1.48	1.48	1.85	3.11	2.78	7.93	9.06	0.64	2.58	3.30	2.8	11.4	14.6	98	3.07	B	1290	A++	6.23	7.93	446
	2.0+2.0+2.5+5.0	1.39	1.39	1.74	3.48	2.89	8.00	9.28	0.64	2.52	3.39	2.8	11.2	15.0	98	3.17	B	1260	A++	6.24	8.00	449
	2.0+2.0+2.5+6.0	1.28	1.28	1.60	3.84	3.03	8.00	9.47	0.68	2.28	3.21	3.0	10.1	14.2	98	3.51	A	1140	A++	6.35	8.00	442
	2.0+2.0+2.5+7.1	1.18	1.18	1.47	4.18	3.18	8.00	9.59	0.72	2.22	3.29	3.2	9.8	14.6	98	3.60	A	1110	A++	6.35	8.00	442
	2.0+2.0+3.5+3.5	1.45	1.45	2.55	2.55	2.82	8.00	8.96	0.64	2.58	3.22	2.8	11.4	14.3	98	3.10	B	1290	A++	6.17	8.00	454
	2.0+2.0+3.5+4.2	1.37	1.37	2.39	2.87	2.92	8.00	9.32	0.67	2.58	3.53	3.0	11.4	15.7	98	3.10	B	1290	A++	6.17	8.00	454
	2.0+2.0+3.5+5.0	1.28	1.28	2.24	3.20	3.03	8.00	9.47	0.68	2.52	3.55	3.0	11.2	15.7	98	3.17	B	1260	A++	6.17	8.00	454
	2.0+2.0+3.5+6.0	1.19	1.19	2.07	3.56	3.16	8.00	9.58	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140	A++	6.27	8.00	447
	2.0+2.0+4.2+4.2	1.29	1.29	2.71	2.71	3.01	8.00	9.46	0.67	2.58	3.61	3.0	11.4	16.0	98	3.10	B	1290	A++	6.18	8.00	454
	2.0+2.0+4.2+5.0	1.21	1.21	2.55	3.03	3.12	8.00	9.56	0.71	2.52	3.55	3.1	11.2	15.7	98	3.17	B	1260	A++	6.17	8.00	454
	2.0+2.0+4.2+6.0	1.13	1.13	2.37	3.38	3.26	8.00	9.60	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140	A++	6.27	8.00	447
	2.0+2.0+5.0+5.0	1.14	1.14	2.86	2.86	3.23	8.00	9.60	0.71	2.44	3.50	3.1	10.8	15.5	98	3.28	A	1220	A++	6.17	8.00	454
	2.0+2.5+2.5+2.5	1.61	2.01	2.01	2.01	2.61	7.65	8.62	0.60	2.26	2.85	2.7	10.0	12.6	98	3.38	A	1130	A++	6.30	7.65	426
	2.0+2.5+2.5+3.5	1.50	1.88	1.88	2.63	2.75	7.88	8.99	0.64	2.51	3.29	2.8	11.1	14.6	98	3.14	B	1255	A++	6.23	7.88	443
	2.0+2.5+2.5+4.2	1.43	1.79	1.79	3.00	2.85	8.00	9.20	0.64	2.58	3.45	2.8	11.4	15.3	98	3.10	B	1290	A++	6.24	8.00	449
	2.0+2.5+2.5+5.0	1.33	1.67	1.67	3.33	2.96	8.00	9.39	0.68	2.52	3.47	3.0	11.2	15.4	98	3.17	B	1260	A++	6.24	8.00	449
	2.0+2.5+2.5+6.0	1.23	1.54	1.54	3.69	3.09	8.00	9.54	0.68	2.25	3.29	3.0	10.0	14.6	98	3.56	A	1125	A++	6.34	8.00	442
	2.0+2.5+2.5+7.1	1.13	1.42	1.42	4.03	3.25	8.00	9.60	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140	A++	6.35	8.00	442
	2.0+2.5+3.5+3.5	1.39	1.74	2.43	2.43	2.89	8.00	9.14	0.67	2.58	3.37	3.0	11.4	15.0	98	3.10	B	1290	A++	6.17	8.00	454
	2.0+2.5+3.5+4.2	1.31	1.64	2.30	2.75	2.98	8.00	9.47	0.67	2.58	3.61	3.0	11.4	16.0	98	3.10	B	1290	A++	6.18	8.00	454
	2.0+2.5+3.5+5.0	1.23	1.54	2.15	3.08	3.09	8.00	9.54	0.71	2.52	3.55	3.1	11.2	15.7	98	3.17	B	1260	A++	6.17	8.00	454
	2.0+2.5+3.5+6.0	1.14	1.43	2.00	3.43	3.23	8.00	9.60	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140	A++	6.27	8.00	447
	2.0+2.5+4.2+4.2	1.24	1.55	2.60	2.60	3.08	8.00	9.53	0.71	2.58	3.69	3.1	11.4	16.4	98	3.10	B	1290	A++	6.18	8.00	454
	2.0+2.5+4.2+5.0	1.17	1.46	2.45	2.92	3.19	8.00	9.59	0.71	2.52	3.63	3.1	11.2	16.1	98	3.17	B	1260	A++	6.18	8.00	454
	2.0+2.5+5.0+5.0	1.10	1.38	2.76	2.76	3.30	8.00	9.60	0.71	2.40	3.50	3.1	10.6	15.5	98	3.33	A	1200	A++	6.17	8.00	454
	2.0+3.5+3.5+3.5	1.28	2.24	2.24	2.24	3.03	8.00	9.23	0.67	2.58	3.30	3.0	11.4	14.6	98	3.10	B	1290	A++	6.11	8.00	459
	2.0+3.5+3.5+4.2	1.21	2.12	2.12	2.55	3.12	8.00	9.56	0.71	2.58	3.69	3.1	11.4	16.4	98	3.10	B	1290	A++	6.11	8.00	459
	2.0+3.5+3.5+5.0	1.14	2.00	2.00	2.86	3.23	8.00	9.60	0.71	2.52	3.63	3.1	11.2	16.1	98	3.17	B	1260	A++	6.11	8.00	459
	2.0+3.5+4.2+4.2	1.15	2.01	2.42	2.42	3.22	8.00	9.60	0.71	2.58	3.77	3.1	11.4	16.7	98	3.10	B	1290	A++	6.11	8.00	459
	2.5+2.5+2.5+2.5	1.94	1.94	1.94	1.94	2.68	7.76	8.82	0.60	2.45	3.14	2.7	10.9	13.9	98	3.17	B	1225	A++	6.27	7.76	433
	2.5+2.5+2.5+3.5	1.82	1.82	1.82	2.55	2.82	8.00	8.98	0.64	2.58	3.22	2.8	11.4	14.3	98	3.10	B	1290	A++	6.24	8.00	449
	2.5+2.5+2.5+4.2	1.71	1.71	1.71	2.87	2.92	8.00	9.32	0.67	2.58	3.53	3.0	11.4	15.7	98	3.10	B	1290	A++	6.24	8.00	449
	2.5+2.5+2.5+5.0	1.60	1.60	1.60	3.20	3.03	8.00	9.47	0.68	2.52	3.55	3.0	11.2	15.7	98	3.17	B	1260	A++	6.24	8.00	449
	2.5+2.5+2.5+6.0	1.48	1.48	1.48	3.56	3.16	8.00	9.58	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140	A++	6.35	8.00	442
	2.5+2.5+3.5+3.5	1.67	1.67	2.33	2.33	2.96	8.00	9.10	0.67	2.58	3.37	3.0	11.4	15.0	98	3.10	B	1290	A++	6.17	8.00	454
	2.5+2.5+3.5+4.2	1.57	1.57	2.20	2.65	3.05	8.00	9.50	0.67	2.58	3.69	3.0	11.4	16.4	98	3.10	B	1290	A++	6.18	8.00	454

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
4MXS80E	2.5+2.5+3.5+5.0	1,48	1,48	2,07	2,96	3,16	8,00	9,58	0,71	2,52	3,63	3,1	11,2	16,1	98	3,17	B	1260	A++	6.18	8.00	454
	2.5+2.5+3.5+6.0	1,38	1,38	1,93	3,31	3,30	8,00	9,60	0,72	2,28	3,29	3,2	10,1	14,6	98	3,51	A	1140	A++	6.27	8.00	447
	2.5+2.5+4.2+4.2	1,49	1,49	2,51	2,51	3,15	8,00	9,57	0,71	2,58	3,69	3,1	11,4	16,4	98	3,10	B	1290	A++	6.18	8.00	454
	2.5+2.5+4.2+5.0	1,41	1,41	2,37	2,82	3,26	8,00	9,60	0,71	2,52	3,63	3,1	11,2	16,1	98	3,17	B	1260	A++	6.18	8.00	454
	2.5+3.5+3.5+3.5	1,54	2,15	2,15	2,15	3,09	8,00	9,35	0,71	2,58	3,30	3,1	11,4	14,6	98	3,10	B	1290	A++	6.11	8.00	459
	2.5+3.5+3.5+4.2	1,46	2,04	2,04	2,45	3,19	8,00	9,59	0,71	2,58	3,77	3,1	11,4	16,7	98	3,10	B	1290	A++	6.11	8.00	459
	2.5+3.5+3.5+5.0	1,38	1,93	1,93	2,76	3,30	8,00	9,60	0,75	2,52	3,63	3,3	11,2	16,1	98	3,17	B	1260	A++	6.11	8.00	459
	2.5+3.5+4.2+4.2	1,39	1,94	2,33	2,33	3,29	8,00	9,60	0,75	2,58	3,77	3,3	11,4	16,7	98	3,10	B	1290	A++	6.11	8.00	459
	3.5+3.5+3.5+3.5	2,00	2,00	2,00	2,00	3,23	8,00	9,60	0,71	2,58	3,77	3,1	11,4	16,7	98	3,10	B	1290	A+	6.04	8.00	464

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXS80E	1.5+1.5	1.83	1.83	---	---	1.42	3.66	5.36	0.44	0.89	1.31	2.0	3.9	5.8	98	4.11	A	A	3.87	3.37	1219	0.64
	1.5+2.0	1.83	2.44	---	---	1.48	4.27	5.36	0.44	1.01	1.31	2.0	4.5	5.8	98	4.23	A	A	3.85	3.42	1243	0.62
	1.5+2.5	1.83	3.05	---	---	1.62	4.88	7.09	0.48	1.17	1.90	2.1	5.2	8.4	98	4.17	A	A	3.84	3.44	1255	0.64
	1.5+3.5	1.83	4.26	---	---	1.90	6.09	7.23	0.55	1.64	2.08	2.4	7.3	9.2	98	3.71	A	A	3.85	3.72	1353	0.71
	1.5+4.2	1.83	5.12	---	---	2.10	6.95	8.28	0.59	1.95	2.56	2.6	8.7	11.4	98	3.56	B	A	3.83	3.75	1372	0.67
	1.5+5.0	1.83	6.09	---	---	2.33	7.92	8.72	0.53	2.10	2.42	2.4	9.3	10.7	98	3.77	A	A	3.81	3.68	1354	0.67
	1.5+6.0	1.79	7.14	---	---	2.61	8.93	9.67	0.55	2.30	2.64	2.4	10.2	11.7	98	3.88	A	A	3.85	4.15	1508	0.80
	1.5+7.1	1.67	7.93	---	---	2.90	9.60	9.90	0.58	2.48	2.63	2.6	11.0	11.7	98	3.87	A	A	3.84	4.35	1588	0.80
	2.0+2.0	2.44	2.44	---	---	1.62	4.88	6.55	0.34	1.17	1.74	1.5	5.2	7.7	98	4.17	A	A	3.84	3.47	1266	0.67
	2.0+2.5	2.44	3.05	---	---	1.76	5.49	6.85	0.37	1.34	1.82	1.6	5.9	8.1	98	4.10	A	A	3.82	3.50	1282	0.63
	2.0+3.5	2.44	4.26	---	---	2.05	6.70	7.35	0.43	1.86	2.13	1.9	8.3	9.4	98	3.60	A	A	3.84	3.80	1386	0.72
	2.0+4.2	2.44	5.11	---	---	2.24	7.55	8.53	0.47	2.22	2.56	2.1	9.8	11.4	98	3.40	B	A	3.84	3.83	1397	0.75
	2.0+5.0	2.44	6.09	---	---	2.47	8.53	8.72	0.55	2.32	2.42	2.4	10.3	10.7	98	3.68	A	A	3.83	3.76	1374	0.68
	2.0+6.0	2.32	6.95	---	---	2.74	9.27	9.67	0.57	2.44	2.64	2.5	10.8	11.7	98	3.80	A	A	3.85	4.25	1548	0.83
	2.0+7.1	2.11	7.49	---	---	3.04	9.60	10.36	0.61	2.48	2.89	2.7	11.0	12.8	98	3.87	A	A	3.87	4.47	1619	0.85
	2.5+2.5	3.04	3.04	---	---	1.90	6.08	7.16	0.41	1.69	2.14	1.8	7.5	9.5	98	3.60	B	A	3.82	3.53	1293	0.66
	2.5+3.5	3.05	4.26	---	---	2.19	7.31	8.53	0.55	2.13	2.67	2.4	9.4	11.8	98	3.43	B	A	3.82	3.84	1407	0.69
	2.5+4.2	3.04	5.12	---	---	2.39	8.16	9.01	0.57	2.46	2.90	2.5	10.9	12.9	98	3.32	C	A	3.82	3.87	1417	0.72
	2.5+5.0	2.98	5.95	---	---	2.61	8.93	9.31	0.57	2.52	2.72	2.5	11.2	12.1	98	3.54	B	A	3.84	3.80	1386	0.72
	2.5+6.0	2.82	6.78	---	---	2.88	9.60	10.10	0.59	2.65	2.94	2.6	11.8	13.0	98	3.62	A	A	3.84	4.31	1571	0.82
	2.5+7.1	2.50	7.10	---	---	3.17	9.60	10.36	0.63	2.51	2.93	2.8	11.1	13.0	98	3.82	A	A	3.86	4.53	1642	0.84
	3.5+3.5	4.26	4.26	---	---	2.47	8.52	9.18	0.59	2.70	3.04	2.6	12.0	13.5	98	3.16	D	A	3.84	4.25	1551	0.83
	3.5+4.2	4.11	4.94	---	---	2.66	9.05	9.77	0.61	2.98	3.47	2.7	13.2	15.4	98	3.04	D	A	3.83	4.30	1572	0.81
	3.5+5.0	3.95	5.65	---	---	2.88	9.60	9.92	0.62	2.77	2.93	2.8	12.3	13.0	98	3.47	B	A	3.83	4.20	1535	0.78
	3.5+6.0	3.54	6.06	---	---	3.15	9.60	10.34	0.61	2.49	2.90	2.7	11.0	12.9	98	3.86	A	A	3.86	4.84	1756	0.89
	3.5+7.1	3.17	6.43	---	---	3.45	9.60	10.37	0.67	2.43	2.84	3.0	10.8	12.6	98	3.95	A	A	3.89	5.11	1841	0.97
	4.2+4.2	4.78	4.78	---	---	2.85	9.55	9.60	0.63	2.65	2.65	2.8	11.8	11.8	98	3.60	A	A	3.82	4.34	1591	0.79
	4.2+5.0	4.38	5.22	---	---	3.07	9.60	10.12	0.64	2.61	2.87	2.8	11.6	12.7	98	3.68	A	A	3.84	4.25	1551	0.83
	4.2+6.0	3.95	5.65	---	---	3.34	9.60	10.35	0.65	2.44	2.84	2.9	10.8	12.6	98	3.93	A	A	3.90	4.90	1762	0.95
	4.2+7.1	3.57	6.03	---	---	3.63	9.60	10.38	0.70	2.43	2.83	3.1	10.8	12.6	98	3.95	A	A	3.88	5.17	1865	0.96
	5.0+5.0	4.80	4.80	---	---	3.28	9.60	10.24	0.67	2.52	2.83	3.0	11.2	12.6	98	3.81	A	A	3.84	4.15	1512	0.80
	5.0+6.0	4.36	5.24	---	---	3.55	9.60	10.47	0.66	2.40	2.80	2.9	10.6	12.4	98	4.00	A	A	3.87	4.78	1728	0.89
	5.0+7.1	3.97	5.63	---	---	3.85	9.60	10.50	0.70	2.38	2.79	3.1	10.6	12.4	98	4.03	A	A	3.89	5.04	1816	0.96
	6.0+6.0	4.80	4.80	---	---	3.82	9.60	10.70	0.67	2.32	2.77	3.0	10.3	12.3	98	4.14	A	A	3.92	5.56	1987	1.04
	6.0+7.1	4.40	5.20	---	---	4.12	9.60	10.73	0.71	2.31	2.76	3.1	10.2	12.2	98	4.16	A	A	3.93	5.88	2097	1.12
	7.1+7.1	4.80	4.80	---	---	4.42	9.60	10.77	0.78	2.25	2.70	3.5	10.0	12.0	98	4.27	A	A	3.95	6.23	2208	1.18
	1.5+1.5+1.5	1.83	1.83	1.83	---	1.76	5.49	7.22	0.43	1.16	1.71	1.9	5.1	7.6	98	4.73	A	A	3.83	4.23	1547	0.81
	1.5+1.5+2.0	1.83	1.83	2.44	---	1.90	6.09	7.22	0.44	1.34	1.71	2.0	5.9	7.6	98	4.54	A	A	3.84	4.35	1585	0.80
	1.5+1.5+2.5	1.83	1.83	3.05	---	2.05	6.70	7.29	0.46	1.52	1.71	2.0	6.7	7.6	98	4.41	A	A	3.86	4.40	1598	0.84
	1.5+1.5+3.5	1.83	1.83	4.26	---	2.33	7.92	9.03	0.50	1.90	2.30	2.2	8.4	10.2	98	4.17	A	A	3.87	4.95	1789	0.94
	1.5+1.5+4.2	1.82	1.82	5.09	---	2.53	8.72	9.03	0.52	2.20	2.29	2.3	9.8	10.2	98	3.96	A	A	3.87	5.01	1811	0.93
	1.5+1.5+5.0	1.74	1.74	5.79	---	2.74	9.27	9.99	0.53	2.25	2.54	2.4	10.0	11.3	98	4.12	A	A	3.88	4.89	1766	0.94
	1.5+1.5+6.0	1.60	1.60	6.40	---	3.01	9.60	10.71	0.54	2.27	2.72	2.4	10.1	12.1	98	4.23	A	A	3.89	5.70	2052	1.06
	1.5+1.5+7.1	1.43	1.43	6.75	---	3.31	9.60	10.74	0.57	2.26	2.71	2.5	10.0	12.0	98	4.25	A	A	3.94	6.03	2145	1.15
	1.5+2.0+2.0	1.83	2.44	2.44	---	2.05	6.70	7.22	0.46	1.52	1.71	2.0	6.7	7.6	98	4.41	A	A	3.84	4.47	1630	0.85
	1.5+2.0+2.5	1.83	2.44	3.05	---	2.19	7.31	8.41	0.48	1.71	2.12	2.1	7.6	9.4	98	4.27	A	A	3.84	4.53	1654	0.84
	1.5+2.0+3.5	1.83	2.44	4.27	---	2.47	8.53	9.03	0.52	2.11	2.30	2.3	9.4	10.2	98	4.04	A	A	3.87	5.10	1846	0.96
	1.5+2.0+4.2	1.76	2.35	4.94	---	2.66	9.06	9.69	0.54	2.29	2.58	2.4	10.2	11.4	98	3.96	A	A	3.86	5.16	1871	0.95
	1.5+2.0+5.0	1.69	2.26	5.65	---	2.88	9.60	9.99	0.55	2.39	2.54	2.4	10.6	11.3	98	4.02	A	A	3.88	5.03	1817	0.95
	1.5+2.0+6.0	1.52	2.02	6.06	---	3.15	9.60	10.71	0.56	2.27	2.72	2.5	10.1	12.1	98	4.23	A	A	3.93	5.87	2094	1.11
	1.5+2.0+7.1	1.36	1.81	6.43	---	3.45	9.60	10.74	0.60	2.26	2.71	2.7	10.0	12.0	98	4.25	A	A	3.93	6.22	2214	1.17
	1.5+2.5+2.5	1.83	3.05	3.05	---	2.33	7.92	8.93	0.50	1.94	2.30	2.2	8.6	10.2	98	4.08	A	A	3.83	4.59	1677	0.84
	1.5+2.5+3.5	1.79	2.98	4.17	---	2.61	8.93	9.68	0.54	2.25	2.58	2.4	10.0	11.4	98	3.97	A	A	3.87	5.18	1876	0.97
	1.5+2.5+4.2	1.72	2.87	4.82	---	2.80	9.41	9.69	0.56	2.43	2.58	2.5	10.8	11.4	98	3.87	A	A	3.89	5.24	1886	0.97
	1.5+2.5+5.0	1.60	2.67	5.33	---	3.01	9.60	10.48	0.57	2.39	2.80	2.5	10.6	12.4	98	4.02	A	A	3.87	5.11	1849	0.97
	1.5+2.5+6.0	1.44	2.40	5.76	---	3.28	9.60	10.71	0.58	2.27	2.72	2.6	10.1	12.1	98	4.23	A	A	3.94	5.96	2119	1.14
	1.5+2.5+7.1	1.30	2.16	6.14	---	3.58	9.60	10.74	0.62	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A	3.94	6.23	2215	1.18
	1.5+3.5+3.5	1.69	3.95	3.95	---	2.88	9.60	9.89	0.59	2.43	2.58	2.6	10.8	11.4	98	3.95	A	A	3.92	5.87	2098	1.11
	1.5+3.5+4.2	1.57	3.65	4.38	---	3.07	9.60	10.36	0.61	2.43	2.84	2.7	10.8	12.6	98	3.95	A	A	3.92	5.94	2121	1.12
	1.5+3.5+5.0	1.44	3.36	4.80	---	3.28	9.60	10.49	0.61	2.39	2.79	2.7	10.6	12.4	98	4.02	A	A	3.91	5.79	2074	1.09
	1.5+3.5+6.0	1.31	3.05	5.24	---	3.55	9.60	10.72	0.62	2.27	2.72	2.8	10.1	12.1	98	4.23	A	A	3.97	6.23	2200	1.18
	1.5+3.5+7.1	1.19	2.78	5.63	---	3.85	9.60	10.75	0.66	2.26	2.70	2.9	10.0	12.0	98	4.25	A	A+	4.00	6.23	2181	1.17
	1.5+4.2+4.2	1.45	4.07	4.07	---	3.26	9.60	10.37	0.63	2.43	2.84	2.8	10.8	12.6	98	3.95	A	A	3.92	6.01	2144	1.13
	1.5+4.2+5.0	1.35	3.77	4.49	---	3.47	9.60	10.49	0.66	2.39	2.79	2.9	10.6	12.4	98	4.02	A	A	3.92	5.86	2095	1.10
	1.5+4.2+6.0	1.23	3.45	4.92	---	3.74	9.60	10.72	0.64	2.27	2.71	2.8	10.1	12.0	98	4.23	A	A	3.97	6.23	2200	1.18
	1.5+4.2+7.1	1.13	3.15	5.33	---	4.04	9.60	10.76	0.71	2.26	2.70	3.1	10.0	12.0	98	4.25	A	A+	4.00	6.23	2179	1.17
	1.5+5.0+5.0	1.25	4.17	4.17	---	3.69	9.60	10.62	0.66	2.30	2.75	2.9	10.2	12.2	98	4.17	A	A	3.89	5.71	2058	1.07
	1.5+5.0+6.0	1.15	3.84	4.61	---	3.96	9.60	10.85	0.67	2.18	2.72	3.0	9.7	12.1	98	4.40	A	A	3.96	6.23	2201	1.18
	1.5+5.0+7.1	1.06	3.53	5.01	---	4.26	9.60	10.88	0.71	2.17	2.71	3.1	9.6	12.0	98	4.42	A	A+	4.00	6.23	2180	1.17
	1.5+6.0+6.0	1.07	4.27	4.27	---	4.23	9.60	11.08	0.68	2.11	2.64	3.0	9.4	11.7	98	4.55	A	A+	4.06	6.23	2147	1.17
	2.0+2.0+2.0	2.43	2.43	2.43	---	2.19	7.29	8.33	0.48	1.76	2.14	2.1	7.8	9.5	98	4.14	A	A	3.83	4.59	1677	0.84
	2.0+2.0+2.5	2.44	2.44	3.04	---	2.33	7.92	8.93	0.50	1.96	2.32	2.2	8.7	10.3	98	4.04	A	A	3.87	4.66	1688	0.90
	2.0+2.0+3.5	2.38	2.38	4.17	---	2.61	8.93	9.68	0.54	2.29	2.63	2.4	10.2	11.7	98	3.90	A	A	3.89	5.26	1893	0.99
	2.0+2.0+4.2	2.30	2.30	4.81	---	2.80	9.41	9.69	0.56	2.48	2.63	2.5	11.0	11.7	98	3.79	A	A	3.88	5.32	1919	0.99
	2.0+2.0+5.0	2.13	2.13	5.34	---	3.01	9.60	10.48	0.57	2.39	2.80	2.5	10.6	12.4	98	4.02	A	A	3.90	5.19	1864	0.98
	2.0+2.0+6.0	1.92	1.92	5.76	---	3.28	9.60	10.71	0.58	2.27	2.72	2.6	10.1	12.1	98	4.23	A	A	3.94	6.06	2154	1.18
	2.0+2.0+7.1	1.73	1.73	6.14	---	3.58	9.60	10.74	0.62	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A	3.94	6.23	2214	1.18
	2.0+2.5+2.5	2.43	3.05	3.05	---	2.47	8.53	8.93	0.52	2.16	2.30	2.3	9.6	10.2	98	3.95	A	A	3.87	4.72	1710	0.90
	2.0+2.5+3.5	2.31	2.90	4.06	---	2.74	9.27	9.68	0.56	2.41	2.61	2.5	10.7	11.6	98	3.85	A	A	3.88	5.33	1921	1.00
	2.0+2.5+4.2	2.21	2.76	4.63	---	2.93	9.60	10.15	0.59	2.56	2.87	2.6	11.4	12.7	98	3.75	A	A	3.89	5.40	1946	1.01
	2.0+2.5+5.0	2.02	2.53	5.05	---	3.15	9.60	10.48	0.59	2.39	2.80	2.6	10.6	12.4	98	4.02	A	A	3.89	5.26	1893	0.99
	2.0+2.5+6.0	1.82	2.29	5.49	---	3.42	9.60	10.71	0.60	2.27	2.72	2.7	10.1	12.1	98	4.23	A	A	3.93	6.14	2185	1.15
	2.0+2.5+7.1	1.65	2.07	5.88	---	3.72	9.60	10.74	0.64	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A	3.97	6.23	2198	1.18

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXS80E	2.0+3.5+3.5	2.14	3.73	3.73	---	3.01	9.60	10.35	0.59	2.43	2.84	2.6	10.8	12.6	98	3.95	A	A	3.93	6.05	2155	1.17
	2.0+3.5+4.2	1.99	3.46	4.15	---	3.20	9.60	10.36	0.63	2.43	2.84	2.8	10.8	12.6	98	3.95	A	A	3.94	6.13	2179	1.20
	2.0+3.5+5.0	1.83	3.20	4.57	---	3.42	9.60	10.49	0.63	2.39	2.80	2.8	10.6	12.4	98	4.02	A	A	3.93	5.97	2126	1.15
	2.0+3.5+6.0	1.67	2.92	5.01	---	3.69	9.60	10.72	0.64	2.27	2.72	2.8	10.1	12.1	98	4.23	A	A+	4.00	6.23	2180	1.17
	2.0+3.5+7.1	1.52	2.67	5.41	---	3.99	9.60	10.75	0.69	2.26	2.70	3.1	10.0	12.0	98	4.25	A	A+	4.03	6.23	2166	1.17
	2.0+4.2+4.2	1.84	3.88	3.88	---	3.39	9.60	10.37	0.65	2.43	2.84	2.9	10.8	12.6	98	3.95	A	A	3.94	6.20	2205	1.21
	2.0+4.2+5.0	1.71	3.60	4.29	---	3.61	9.60	10.49	0.68	2.39	2.79	3.0	10.6	12.4	98	4.02	A	A	3.93	6.04	2152	1.16
	2.0+4.2+6.0	1.58	3.30	4.72	---	3.88	9.60	10.72	0.67	2.27	2.71	3.0	10.1	12.0	98	4.23	A	A+	4.00	6.23	2180	1.17
	2.0+4.2+7.1	1.45	3.03	5.12	---	4.18	9.60	10.76	0.73	2.26	2.70	3.2	10.0	12.0	98	4.25	A	A+	4.04	6.23	2161	1.17
	2.0+5.0+5.0	1.60	4.00	4.00	---	3.82	9.60	10.62	0.68	2.30	2.75	3.0	10.2	12.2	98	4.17	A	A	3.92	5.88	2100	1.12
	2.0+5.0+6.0	1.48	3.69	4.43	---	4.09	9.60	10.85	0.69	2.18	2.72	3.1	9.7	12.1	98	4.40	A	A	3.97	6.23	2198	1.18
	2.0+5.0+7.1	1.37	3.40	4.83	---	4.39	9.60	10.88	0.74	2.17	2.71	3.3	9.6	12.0	98	4.42	A	A+	4.00	6.23	2179	1.17
	2.0+6.0+6.0	1.38	4.11	4.11	---	4.36	9.60	11.08	0.70	2.11	2.64	3.1	9.4	11.7	98	4.55	A	A+	4.08	6.23	2141	1.17
	2.5+2.5+2.5	2.97	2.97	2.97	---	2.61	8.91	9.88	0.54	2.34	2.74	2.4	10.4	12.2	98	3.81	A	A	3.87	4.79	1736	0.90
	2.5+2.5+3.5	2.82	2.82	3.96	---	2.88	9.60	10.12	0.59	2.53	2.79	2.6	11.2	12.4	98	3.79	A	A	3.89	5.41	1949	1.02
	2.5+2.5+4.2	2.61	2.61	4.38	---	3.07	9.60	10.60	0.61	2.53	3.05	2.7	11.2	13.5	98	3.79	A	A	3.90	5.48	1965	1.02
	2.5+2.5+5.0	2.40	2.40	4.80	---	3.28	9.60	10.48	0.61	2.39	2.80	2.7	10.6	12.4	98	4.02	A	A	3.89	5.34	1925	1.01
	2.5+2.5+6.0	2.18	2.18	5.24	---	3.55	9.60	10.71	0.62	2.27	2.72	2.8	10.1	12.1	98	4.23	A	A	3.94	6.23	2217	1.18
	2.5+2.5+7.1	1.98	1.98	5.64	---	3.85	9.60	10.74	0.66	2.26	2.71	2.9	10.0	12.0	98	4.25	A	A	3.97	6.23	2197	1.18
	2.5+3.5+3.5	2.52	3.54	3.54	---	3.15	9.60	10.35	0.61	2.43	2.84	2.7	10.8	12.6	98	3.95	A	A	3.93	6.14	2189	1.15
	2.5+3.5+4.2	2.36	3.29	3.95	---	3.34	9.60	10.36	0.65	2.43	2.84	2.9	10.8	12.6	98	3.95	A	A	3.93	6.22	2217	1.17
	2.5+3.5+5.0	2.19	3.05	4.36	---	3.55	9.60	10.49	0.66	2.39	2.80	2.9	10.6	12.4	98	4.02	A	A	3.93	6.06	2157	1.18
	2.5+3.5+6.0	2.00	2.80	4.80	---	3.82	9.60	10.72	0.67	2.27	2.72	3.0	10.1	12.1	98	4.23	A	A+	4.01	6.23	2178	1.17
	2.5+3.5+7.1	1.84	2.56	5.20	---	4.12	9.60	10.75	0.71	2.26	2.70	3.1	10.0	12.0	98	4.25	A	A+	4.04	6.23	2161	1.17
	2.5+4.2+4.2	2.20	3.70	3.70	---	3.53	9.60	10.37	0.68	2.43	2.84	3.0	10.8	12.6	98	3.95	A	A	3.93	6.23	2219	1.18
	2.5+4.2+5.0	2.06	3.45	4.09	---	3.74	9.60	10.49	0.70	2.39	2.79	3.1	10.6	12.4	98	4.02	A	A	3.94	6.13	2179	1.20
	2.5+4.2+6.0	1.90	3.17	4.53	---	4.01	9.60	10.72	0.69	2.27	2.71	3.1	10.1	12.0	98	4.23	A	A+	4.00	6.23	2181	1.17
	2.5+4.2+7.1	1.75	2.92	4.93	---	4.31	9.60	10.76	0.76	2.26	2.70	3.4	10.0	12.0	98	4.25	A	A+	4.07	6.23	2146	1.17
	2.5+5.0+5.0	1.92	3.84	3.84	---	3.96	9.60	10.62	0.71	2.30	2.75	3.1	10.2	12.2	98	4.17	A	A	3.93	5.97	2126	1.15
	2.5+5.0+6.0	1.77	3.56	4.27	---	4.23	9.60	10.85	0.72	2.18	2.72	3.2	9.7	12.1	98	4.40	A	A+	4.00	6.23	2180	1.17
	2.5+6.0+6.0	1.66	3.97	3.97	---	4.50	9.60	11.08	0.72	2.11	2.64	3.2	9.4	11.7	98	4.55	A	A+	4.10	6.23	2125	1.16
	3.5+3.5+3.5	3.20	3.20	3.20	---	3.42	9.60	10.36	0.65	2.43	2.84	2.9	10.8	12.6	98	3.95	A	A	3.99	6.23	2184	1.17
	3.5+3.5+4.2	3.00	3.00	3.60	---	3.61	9.60	10.37	0.70	2.43	2.84	3.1	10.8	12.6	98	3.95	A	A+	4.00	6.23	2184	1.17
	3.5+3.5+5.0	2.80	2.80	4.00	---	3.82	9.60	10.49	0.70	2.39	2.79	3.1	10.6	12.4	98	4.02	A	A	3.96	6.23	2202	1.18
	3.5+3.5+6.0	2.58	2.58	4.44	---	4.09	9.60	10.72	0.71	2.27	2.71	3.1	10.1	12.0	98	4.23	A	A+	4.07	6.23	2144	1.17
	3.5+3.5+7.1	2.38	2.38	4.84	---	4.39	9.60	10.76	0.76	2.26	2.70	3.4	10.0	12.0	98	4.25	A	A+	4.11	6.22	2119	1.21
	3.5+4.2+4.2	2.82	3.39	3.39	---	3.80	9.60	10.38	0.72	2.43	2.83	3.2	10.8	12.6	98	3.95	A	A+	4.00	6.23	2182	1.17
	3.5+4.2+5.0	2.65	3.17	3.78	---	4.01	9.60	10.50	0.75	2.39	2.79	3.3	10.6	12.4	98	4.02	A	A	3.99	6.23	2189	1.17
	3.5+4.2+6.0	2.45	2.94	4.21	---	4.28	9.60	10.73	0.74	2.26	2.71	3.3	10.0	12.0	98	4.25	A	A+	4.07	6.23	2143	1.16
	3.5+5.0+5.0	2.48	3.56	3.56	---	4.23	9.60	10.63	0.76	2.30	2.75	3.4	10.2	12.2	98	4.17	A	A	3.96	6.23	2203	1.18
	3.5+5.0+6.0	2.32	3.31	3.97	---	4.50	9.60	10.86	0.77	2.18	2.72	3.4	9.7	12.1	98	4.40	A	A+	4.06	6.23	2149	1.17
	4.2+4.2+4.2	3.20	3.20	3.20	---	3.99	9.60	10.38	0.75	2.42	2.83	3.3	10.7	12.6	98	3.97	A	A+	4.00	6.23	2183	1.17
	4.2+4.2+5.0	3.01	3.01	3.58	---	4.20	9.60	10.51	0.78	2.38	2.79	3.5	10.6	12.4	98	4.03	A	A+	4.00	6.23	2184	1.17
	4.2+4.2+6.0	2.80	2.80	4.00	---	4.47	9.60	10.74	0.79	2.26	2.71	3.5	10.0	12.0	98	4.25	A	A+	4.10	6.23	2129	1.16
	4.2+5.0+5.0	2.84	3.38	3.38	---	4.42	9.60	10.64	0.81	2.29	2.74	3.6	10.2	12.2	98	4.19	A	A	3.96	6.23	2202	1.18
	1.5+1.5+1.5+1.5	1.83	1.83	1.83	1.83	2.19	7.31	8.47	0.41	1.64	2.00	1.8	7.3	8.9	98	4.46	A	A	3.92	5.84	2085	1.14
	1.5+1.5+1.5+2.0	1.83	1.83	1.83	2.44	2.33	7.92	9.04	0.42	1.83	2.22	1.9	8.1	9.8	98	4.33	A	A	3.92	6.02	2149	1.14
	1.5+1.5+1.5+2.5	1.83	1.83	1.83	3.05	2.47	8.53	9.13	0.44	2.00	2.22	2.0	8.9	9.8	98	4.27	A	A	3.93	6.11	2176	1.18
	1.5+1.5+1.5+3.5	1.74	1.74	1.74	4.06	2.74	9.27	10.18	0.48	2.17	2.51	2.1	9.6	11.1	98	4.27	A	A+	4.00	6.23	2194	1.17
	1.5+1.5+1.5+4.2	1.66	1.66	1.66	4.63	2.93	9.60	10.73	0.51	2.26	2.71	2.3	10.0	12.0	98	4.25	A	A	3.99	6.23	2185	1.17
	1.5+1.5+1.5+5.0	1.52	1.52	1.52	5.05	3.15	9.60	10.86	0.52	2.18	2.72	2.3	9.7	12.1	98	4.40	A	A	3.97	6.23	2195	1.18
	1.5+1.5+1.5+6.0	1.37	1.37	1.37	5.49	3.42	9.60	11.09	0.52	2.10	2.64	2.3	9.3	11.7	98	4.57	A	A+	4.09	6.23	2135	1.17
	1.5+1.5+1.5+7.1	1.24	1.24	1.24	5.88	3.72	9.60	11.12	0.56	2.09	2.63	2.5	9.3	11.7	98	4.59	A	A+	4.13	6.22	2109	1.21
	1.5+1.5+2.0+2.0	1.83	1.83	2.44	2.44	2.47	8.53	9.04	0.44	2.04	2.22	2.0	9.1	9.8	98	4.18	A	A	3.95	6.20	2198	1.21
	1.5+1.5+2.0+2.5	1.79	1.79	2.38	2.98	2.61	8.93	9.87	0.46	2.13	2.51	2.0	9.4	11.1	98	4.19	A	A	3.95	6.23	2211	1.18
	1.5+1.5+2.0+3.5	1.69	1.69	2.26	3.95	2.88	9.60	10.18	0.52	2.27	2.51	2.3	10.1	11.1	98	4.23	A	A+	4.02	6.23	2172	1.17
	1.5+1.5+2.0+4.2	1.57	1.57	2.09	4.38	3.07	9.60	10.73	0.53	2.26	2.71	2.4	10.0	12.0	98	4.25	A	A+	4.02	6.23	2170	1.17
	1.5+1.5+2.0+5.0	1.44	1.44	1.92	4.80	3.28	9.60	10.86	0.54	2.18	2.72	2.4	9.7	12.1	98	4.40	A	A+	4.02	6.23	2172	1.17
	1.5+1.5+2.0+6.0	1.31	1.31	1.75	5.24	3.55	9.60	11.09	0.54	2.10	2.64	2.4	9.3	11.7	98	4.57	A	A+	4.11	6.23	2121	1.16
	1.5+1.5+2.0+7.1	1.19	1.19	1.59	5.63	3.85	9.60	11.12	0.58	2.09	2.63	2.6	9.3	11.7	98	4.59	A	A+	4.14	6.22	2102	1.21
	1.5+1.5+2.5+2.5	1.74	1.74	2.90	2.90	2.74	9.27	10.17	0.48	2.18	2.51	2.1	9.7	11.1	98	4.25	A	A	3.95	6.23	2211	1.18
	1.5+1.5+2.5+3.5	1.60	1.60	2.67	3.73	3.01	9.60	10.72	0.54	2.27	2.71	2.4	10.1	12.0	98	4.23	A	A+	4.02	6.23	2170	1.17
	1.5+1.5+2.5+4.2	1.48	1.48	2.47	4.16	3.20	9.60	10.73	0.55	2.26	2.71	2.4	10.0	12.0	98	4.25	A	A+	4.02	6.23	2168	1.17
	1.5+1.5+2.5+5.0	1.37	1.37	2.29	4.57	3.42	9.60	10.86	0.56	2.18	2.72	2.5	9.7	12.1	98	4.40	A	A+	4.02	6.23	2172	1.17
	1.5+1.5+2.5+6.0	1.25	1.25	2.09	5.01	3.69	9.60	11.09	0.57	2.10	2.64	2.5	9.3	11.7	98	4.57	A	A+	4.13	6.22	2109	1.21
	1.5+1.5+2.5+7.1	1.14	1.14	1.90	5.41	3.99	9.60	11.12	0.62	2.09	2.63	2.8	9.3	11.7	98	4.59	A	A+	4.14	6.22	2104	1.20
	1.5+1.5+3.5+3.5	1.44	1.44	3.36	3.36	3.28	9.60	10.73	0.58	2.26	2.71	2.6	10.0	12.0	98	4.25	A	A+	4.11	6.23	2125	1.16
	1.5+1.5+3.5+4.2	1.35	1.35	3.14	3.77	3.47	9.60	10.74	0.60	2.26	2.71	2.7	10.0	12.0	98	4.25	A	A+	4.12	6.22	2113	1.21
	1.5+1.5+3.5+5.0	1.25	1.25	2.92	4.17	3.69	9.60	10.86	0.62	2.17	2.71	2.8	9.6	12.0	98	4.42	A	A+	4.08	6.23	2139	1.16
	1.5+1.5+3.5+6.0	1.15	1.15	2.69	4.61	3.96	9.60	11.09	0.61	2.10	2.63	2.7	9.3	11.7	98	4.57	A	A+	4.19	6.22	2077	1.20
	1.5+1.5+3.5+7.1	1.06	1.06	2.47	5.01	4.26	9.60	11.13	0.67	2.09	2.62	3.0	9.3	11.6	98	4.59	A	A+	4.22	6.22	2066	1.20
	1.5+1.5+4.2+4.2	1.26	1.26	3.54	3.54	3.66	9.60	10.75	0.64	2.26	2.70	2.8	10.0	12.0	98	4.25	A	A+	4.12	6.22	2113	1.21
	1.5+1.5+4.2+5.0	1.18	1.18	3.30	3.93	3.88	9.60	10.87	0.64	2.17	2.71	2.8	9.6	12.0	98	4.42	A	A+	4.08	6.23	2137	1.16
	1.5+1.5+4.2+6.0	1.09	1.09	3.05	4.36	4.15	9.60	11.10	0.65	2.10	2.63	2.9	9.3	11.7	98	4.57	A	A+	4.21	6.22	2067	1.20
	1.5+1.5+4.2+7.1	1.01	1.01	2.82	4.77	4.45	9.60	11.13	0.69	2.09	2.62	3.1	9.3	11.6	98	4.59	A	A+	4.22	6.22	2062	1.19
	1.5+1.5+5.0+5.0	1.11	1.11	3.69	3.69	4.09	9.60	11.00	0.67	2.13	2.67	3.0	9.4	11.8	98	4.51	A	A+	4.08	6.23	2139	1.17
	1.5+1.5+5.0+6.0	1.03	1.03	3.43	4.11	4.36	9.60	11.23	0.67	2.01	2.59	3.0	8.9	11.5	98	4.78	A	A+	4.19	6.22	2077	1.20
	1.5+2.0+2.0+2.0	1.79	2.38	2.38	2.38	2.61	8.93	9.78	0.46	2.18	2.51	2.0	9.7	11.1	98	4.10	A	A	3.95	6.23	2211	1.18
	1.5+2.0+2.0+2.5	1.74	2.32	2.32	2.90	2.74	9.27	9.87	0.48	2.27	2.51	2.1	10.1	11.1	98	4.08	A	A	3.95	6.23	2209	1.18
	1.5+2.0+2.0+3.5	1.60	2.13	2.13	3.73	3.01	9.60	10.72	0.54	2.27	2.71	2.4	10.1	12.0	98	4.23	A	A+	4.02	6.23	2168	1.17
	1.5+2.0+2.0+4.2	1.48	1.98	1.98	4.16	3.20	9.60	10.73	0.55	2.26	2.71	2.4	10.0	12.0	98	4.25	A	A+	4.03	6.23	2166	1.17
	1.5+2.0+2.0+5.0	1.37	1.83	1.83	4.57	3.42	9.60	10.86	0.56	2.18	2.72	2.5	9.7	12.1	98	4.40	A	A+	4.02	6.23	2170	1.17
	1.5+2.0+2.0+6.0	1.25	1.67	1.67	5.01	3.69	9.60	11.09	0.57	2.10	2.64	2.5	9.3	11.7	98	4.57	A	A+	4.13	6.22	2107	1.21

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXS80E	1.5+2.0+2.0+7.1	1.14	1.52	1.52	5.41	3.99	9.60	11.12	0.62	2.09	2.63	2.8	9.3	11.7	98	4.59	A	A+	4.17	6.22	2089	1.20
	1.5+2.0+2.5+2.5	1.69	2.26	2.82	2.82	2.88	9.60	10.17	0.52	2.27	2.51	2.3	10.1	11.1	98	4.23	A	A	3.98	6.23	2194	1.18
	1.5+2.0+2.5+3.5	1.52	2.02	2.53	3.54	3.15	9.60	10.72	0.56	2.27	2.71	2.5	10.1	12.0	98	4.23	A	A+	4.03	6.23	2166	1.17
	1.5+2.0+2.5+4.2	1.41	1.88	2.35	3.95	3.34	9.60	10.73	0.58	2.26	2.71	2.6	10.0	12.0	98	4.25	A	A+	4.03	6.23	2165	1.17
	1.5+2.0+2.5+5.0	1.31	1.75	2.18	4.36	3.55	9.60	10.86	0.60	2.18	2.72	2.7	9.7	12.1	98	4.40	A	A+	4.02	6.23	2168	1.17
	1.5+2.0+2.5+6.0	1.20	1.60	2.00	4.80	3.82	9.60	11.09	0.59	2.10	2.64	2.6	9.3	11.7	98	4.57	A	A+	4.14	6.22	2104	1.21
	1.5+2.0+2.5+7.1	1.10	1.47	1.83	5.20	4.12	9.60	11.12	0.65	2.09	2.63	2.9	9.3	11.7	98	4.59	A	A+	4.20	6.22	2074	1.20
	1.5+2.0+3.5+3.5	1.37	1.83	3.20	3.20	3.42	9.60	10.73	0.60	2.26	2.71	2.7	10.0	12.0	98	4.25	A	A+	4.12	6.22	2113	1.21
	1.5+2.0+3.5+4.2	1.29	1.71	3.00	3.60	3.61	9.60	10.74	0.62	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A+	4.13	6.22	2108	1.21
	1.5+2.0+3.5+5.0	1.20	1.60	2.80	4.00	3.82	9.60	10.86	0.64	2.17	2.71	2.8	9.6	12.0	98	4.42	A	A+	4.12	6.22	2113	1.21
	1.5+2.0+3.5+6.0	1.11	1.48	2.58	4.43	4.09	9.60	11.09	0.65	2.10	2.63	2.9	9.3	11.7	98	4.57	A	A+	4.22	6.22	2065	1.20
	1.5+2.0+3.5+7.1	1.02	1.36	2.38	4.83	4.39	9.60	11.13	0.69	2.09	2.62	3.1	9.3	11.6	98	4.59	A	A+	4.26	6.22	2047	1.19
	1.5+2.0+4.2+4.2	1.21	1.61	3.39	3.39	3.80	9.60	10.75	0.66	2.26	2.70	2.9	10.0	12.0	98	4.25	A	A+	4.14	6.22	2106	1.21
	1.5+2.0+4.2+5.0	1.13	1.51	3.17	3.78	4.01	9.60	10.87	0.67	2.17	2.71	3.0	9.6	12.0	98	4.42	A	A+	4.12	6.22	2113	1.21
	1.5+2.0+4.2+6.0	1.05	1.40	2.94	4.20	4.28	9.60	11.10	0.67	2.10	2.63	3.0	9.3	11.7	98	4.57	A	A+	4.21	6.22	2067	1.20
	1.5+2.0+5.0+5.0	1.07	1.42	3.56	3.56	4.23	9.60	11.00	0.69	2.13	2.67	3.1	9.4	11.8	98	4.51	A	A+	4.11	6.23	2125	1.16
	1.5+2.0+5.0+6.0	0.99	1.32	3.31	3.97	4.50	9.60	11.23	0.70	2.01	2.59	3.1	8.9	11.5	98	4.78	A	A+	4.21	6.22	2067	1.20
	1.5+2.5+2.5+2.5	1.60	2.67	2.67	2.67	3.01	9.60	10.71	0.54	2.27	2.72	2.4	10.1	12.1	98	4.23	A	A	3.98	6.23	2192	1.18
	1.5+2.5+2.5+3.5	1.44	2.40	2.40	3.36	3.28	9.60	10.72	0.58	2.27	2.71	2.6	10.1	12.0	98	4.23	A	A+	4.03	6.23	2165	1.17
	1.5+2.5+2.5+4.2	1.35	2.24	2.24	3.77	3.47	9.60	10.73	0.60	2.26	2.71	2.7	10.0	12.0	98	4.25	A	A+	4.07	6.23	2142	1.17
	1.5+2.5+2.5+5.0	1.25	2.09	2.09	4.17	3.69	9.60	10.86	0.62	2.18	2.72	2.8	9.7	12.1	98	4.40	A	A+	4.03	6.23	2167	1.17
	1.5+2.5+2.5+6.0	1.15	1.92	1.92	4.61	3.96	9.60	11.09	0.61	2.10	2.64	2.7	9.3	11.7	98	4.57	A	A+	4.14	6.22	2102	1.20
	1.5+2.5+2.5+7.1	1.06	1.76	1.76	5.01	4.26	9.60	11.12	0.67	2.09	2.63	3.0	9.3	11.7	98	4.59	A	A+	4.20	6.22	2074	1.20
	1.5+2.5+3.5+3.5	1.31	2.18	3.05	3.05	3.55	9.60	10.73	0.62	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A+	4.13	6.22	2108	1.21
	1.5+2.5+3.5+4.2	1.23	2.05	2.87	3.45	3.74	9.60	10.74	0.64	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A+	4.14	6.22	2106	1.21
	1.5+2.5+3.5+5.0	1.15	1.92	2.69	3.84	3.96	9.60	10.86	0.67	2.17	2.71	3.0	9.6	12.0	98	4.42	A	A+	4.13	6.22	2111	1.21
	1.5+2.5+3.5+6.0	1.07	1.78	2.49	4.27	4.23	9.60	11.09	0.67	2.10	2.63	3.0	9.3	11.7	98	4.57	A	A+	4.21	6.22	2067	1.20
	1.5+2.5+4.2+4.2	1.16	1.94	3.25	3.25	3.93	9.60	10.75	0.69	2.26	2.70	3.1	10.0	12.0	98	4.25	A	A+	4.13	6.22	2107	1.20
	1.5+2.5+4.2+5.0	1.09	1.82	3.05	3.64	4.15	9.60	10.87	0.69	2.17	2.71	3.1	9.6	12.0	98	4.42	A	A+	4.13	6.22	2108	1.21
	1.5+2.5+4.2+6.0	1.01	1.69	2.84	4.06	4.42	9.60	11.10	0.70	2.10	2.63	3.1	9.3	11.7	98	4.57	A	A+	4.22	6.22	2062	1.20
	1.5+2.5+5.0+5.0	1.03	1.71	3.43	3.43	4.36	9.60	11.00	0.71	2.13	2.67	3.1	9.4	11.8	98	4.51	A	A+	4.12	6.22	2113	1.21
	1.5+3.5+3.5+3.5	1.20	2.80	2.80	2.80	3.82	9.60	10.74	0.66	2.26	2.71	2.9	10.0	12.0	98	4.25	A	A+	4.21	6.22	2069	1.20
	1.5+3.5+3.5+4.2	1.13	2.65	2.65	3.17	4.01	9.60	10.75	0.69	2.26	2.70	3.1	10.0	12.0	98	4.25	A	A+	4.21	6.22	2071	1.20
	1.5+3.5+3.5+5.0	1.07	2.49	2.49	3.56	4.23	9.60	10.87	0.71	2.17	2.71	3.1	9.6	12.0	98	4.42	A	A+	4.21	6.22	2071	1.20
	1.5+3.5+3.5+6.0	0.99	2.32	2.32	3.97	4.50	9.60	11.10	0.72	2.10	2.63	3.2	9.3	11.7	98	4.57	A	A+	4.28	6.22	2036	1.19
	1.5+3.5+4.2+4.2	1.07	2.51	3.01	3.01	4.20	9.60	10.75	0.73	2.26	2.70	3.2	10.0	12.0	98	4.25	A	A+	4.21	6.22	2071	1.20
	1.5+3.5+4.2+5.0	1.01	2.37	2.84	3.38	4.42	9.60	10.88	0.74	2.17	2.71	3.3	9.6	12.0	98	4.42	A	A+	4.21	6.22	2071	1.20
	1.5+4.2+4.2+4.2	1.02	2.86	2.86	2.86	4.39	9.60	10.76	0.76	2.25	2.70	3.4	10.0	12.0	98	4.27	A	A+	4.22	6.22	2066	1.19
	2.0+2.0+2.0+2.0	2.32	2.32	2.32	2.32	2.74	9.28	9.78	0.48	2.27	2.51	2.1	10.1	11.1	98	4.09	A	A	3.98	6.23	2194	1.18
	2.0+2.0+2.0+2.5	2.26	2.26	2.26	2.82	2.88	9.60	9.92	0.52	2.36	2.51	2.3	10.5	11.1	98	4.07	A	A	3.98	6.23	2192	1.18
	2.0+2.0+2.0+3.5	2.02	2.02	2.02	3.54	3.15	9.60	10.72	0.56	2.27	2.71	2.5	10.1	12.0	98	4.23	A	A+	4.05	6.23	2152	1.17
	2.0+2.0+2.0+4.2	1.88	1.88	1.88	3.96	3.34	9.60	10.73	0.58	2.26	2.71	2.6	10.0	12.0	98	4.25	A	A+	4.07	6.23	2142	1.17
	2.0+2.0+2.0+5.0	1.75	1.75	1.75	4.35	3.55	9.60	10.86	0.60	2.18	2.72	2.7	9.7	12.1	98	4.40	A	A+	4.03	6.23	2167	1.17
	2.0+2.0+2.0+6.0	1.60	1.60	1.60	4.80	3.82	9.60	11.09	0.59	2.10	2.64	2.6	9.3	11.7	98	4.57	A	A+	4.14	6.22	2102	1.20
	2.0+2.0+2.0+7.1	1.47	1.47	1.47	5.19	4.12	9.60	11.12	0.65	2.09	2.63	2.9	9.3	11.7	98	4.59	A	A+	4.20	6.22	2074	1.20
	2.0+2.0+2.5+2.5	2.13	2.13	2.67	2.67	3.01	9.60	10.71	0.54	2.27	2.72	2.4	10.1	12.1	98	4.23	A	A	3.98	6.23	2191	1.18
	2.0+2.0+2.5+3.5	1.92	1.92	2.40	3.36	3.28	9.60	10.72	0.58	2.27	2.71	2.6	10.1	12.0	98	4.23	A	A+	4.08	6.23	2140	1.17
	2.0+2.0+2.5+4.2	1.79	1.79	2.25	3.77	3.47	9.60	10.73	0.60	2.26	2.71	2.7	10.0	12.0	98	4.25	A	A+	4.08	6.23	2140	1.17
	2.0+2.0+2.5+5.0	1.67	1.67	2.09	4.17	3.69	9.60	10.86	0.62	2.18	2.72	2.8	9.7	12.1	98	4.40	A	A+	4.05	6.23	2152	1.17
	2.0+2.0+2.5+6.0	1.54	1.54	1.92	4.60	3.96	9.60	11.09	0.61	2.10	2.64	2.7	9.3	11.7	98	4.57	A	A+	4.14	6.22	2102	1.20
	2.0+2.0+2.5+7.1	1.41	1.41	1.76	5.02	4.26	9.60	11.12	0.67	2.09	2.63	3.0	9.3	11.7	98	4.59	A	A+	4.20	6.22	2072	1.20
	2.0+2.0+3.5+3.5	1.75	1.75	3.05	3.05	3.55	9.60	10.73	0.62	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A+	4.14	6.22	2106	1.20
	2.0+2.0+3.5+4.2	1.64	1.64	2.87	3.45	3.74	9.60	10.74	0.64	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A+	4.13	6.22	2107	1.20
	2.0+2.0+3.5+5.0	1.54	1.54	2.69	3.83	3.96	9.60	10.86	0.67	2.17	2.71	3.0	9.6	12.0	98	4.42	A	A+	4.13	6.22	2108	1.21
	2.0+2.0+3.5+6.0	1.42	1.42	2.49	4.27	4.23	9.60	11.09	0.67	2.10	2.63	3.0	9.3	11.7	98	4.57	A	A+	4.22	6.22	2062	1.20
	2.0+2.0+4.2+4.2	1.55	1.55	3.25	3.25	3.93	9.60	10.75	0.66	2.26	2.70	2.9	10.0	12.0	98	4.25	A	A+	4.16	6.22	2092	1.20
	2.0+2.0+4.2+5.0	1.45	1.45	3.06	3.64	4.15	9.60	10.87	0.69	2.17	2.71	3.1	9.6	12.0	98	4.42	A	A+	4.14	6.22	2106	1.21
	2.0+2.0+4.2+6.0	1.35	1.35	2.84	4.06	4.42	9.60	11.10	0.70	2.10	2.63	3.1	9.3	11.7	98	4.57	A	A+	4.22	6.22	2062	1.19
	2.0+2.0+5.0+5.0	1.37	1.37	3.43	3.43	4.36	9.60	11.00	0.72	2.13	2.67	3.2	9.4	11.8	98	4.51	A	A+	4.13	6.22	2111	1.21
	2.0+2.5+2.5+2.5	2.01	2.53	2.53	2.53	3.15	9.60	10.71	0.56	2.27	2.72	2.5	10.1	12.1	98	4.23	A	A	3.98	6.23	2189	1.18
	2.0+2.5+2.5+3.5	1.82	2.29	2.29	3.20	3.42	9.60	10.72	0.60	2.27	2.71	2.7	10.1	12.0	98	4.23	A	A+	4.08	6.23	2140	1.17
	2.0+2.5+2.5+4.2	1.72	2.14	2.14	3.60	3.61	9.60	10.73	0.62	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A+	4.08	6.23	2140	1.17
	2.0+2.5+2.5+5.0	1.60	2.00	2.00	4.00	3.82	9.60	10.86	0.65	2.18	2.72	2.9	9.7	12.1	98	4.40	A	A+	4.08	6.23	2140	1.17
	2.0+2.5+2.5+6.0	1.47	1.85	1.85	4.43	4.09	9.60	11.09	0.65	2.10	2.64	2.9	9.3	11.7	98	4.57	A	A+	4.17	6.22	2089	1.20
	2.0+2.5+2.5+7.1	1.37	1.70	1.70	4.83	4.39	9.60	11.12	0.69	2.09	2.63	3.1	9.3	11.7	98	4.59	A	A+	4.21	6.22	2070	1.20
	2.0+2.5+3.5+3.5	1.67	2.09	2.92	2.92	3.69	9.60	10.73	0.64	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A+	4.14	6.22	2105	1.20
	2.0+2.5+3.5+4.2	1.58	1.97	2.75	3.30	3.88	9.60	10.74	0.66	2.26	2.71	2.9	10.0	12.0	98	4.25	A	A+	4.16	6.22	2092	1.20
	2.0+2.5+3.5+5.0	1.48	1.85	2.58	3.69	4.09	9.60	10.86	0.69	2.18	2.71	3.1	9.7	12.0	98	4.40	A	A+	4.14	6.22	2106	1.20
	2.0+2.5+3.5+6.0	1.38	1.71	2.40	4.11	4.36	9.60	11.09	0.70	2.10	2.63	3.1	9.3	11.7	98	4.57	A	A+	4.22	6.22	2062	1.19
	2.0+2.5+4.2+4.2	1.50	1.86	3.12	3.12	4.07	9.60	10.75	0.69	2.26	2.70	3.1	10.0	12.0	98	4.25	A	A+	4.17	6.22	2088	1.20
	2.0+2.5+4.2+5.0	1.41	1.75	2.94	3.50	4.28	9.60	10.87	0.71	2.17	2.71	3.1	9.6	12.0	98	4.42	A	A+	4.13	6.22	2107	1.20
	2.0+2.5+5.0+5.0	1.32	1.66	3.31	3.31	4.50	9.60	11.00	0.74	2.13	2.67	3.3	9.4	11.8	98	4.51	A	A+	4.13	6.22	2108	1.21
	2.0+3.5+3.5+3.5	1.53	2.69	2.69	2.69	3.96	9.60	10.74	0.69	2.26	2.71	3.1	10.0	12.0	98	4.25	A	A+	4.22	6.22	2066	1.20
	2.0+3.5+3.5+4.2	1.45	2.55	2.55	3.05	4.15	9.60	10.75	0.71	2.26	2.70	3.1	10.0	12.0	98	4.25	A	A+	4.22	6.22	2066	1.19
	2.0+3.5+3.5+5.0	1.37	2.40	2.40	3.43	4.36	9.60	10.87	0.74	2.17	2.71	3.3	9.6	12.0	98	4.42	A	A+	4.21	6.22	2071	1.20
	2.0+3.5+4.2+4.2	1.38	2.42	2.90	2.90	4.34	9.60	10.75	0.76	2.26	2.70	3.4	10.0	12.0	98	4.25	A	A+	4.24	6.22	2052	1.19
	2.5+2.5+2.5+2.5	2.40	2.40	2.40	2.40	3.28	9.60	10.71	0.58	2.27	2.72	2.6	10.1	12.1	98	4.23	A	A+	4.00	6.23	2181	1.17
	2.5+2.5+2.5+3.5	2.18	2.18	2.18	3.06	3.55	9.60	10.72	0.62	2.27	2.71	2.8	10.1	12.0	98	4.23	A	A+	4.08	6.23	2140	1.17
	2.5+2.5+2.5+4.2	2.05	2.05	2.05	3.45	3.74	9.60	10.73	0.64	2.26	2.71	2.8	10.0	12.0	98	4.25	A	A+	4.09	6.23	2135	1.17
	2.5+2.5+2.5+5.0	1.92	1.92	1.92	3.84	3.96	9.60	10.86	0.67	2.18	2.72	3.0	9.7	12.1	98	4.40	A	A+	4.08	6.23	2140	1.17
	2.5+2.5+2.5+6.0	1.78	1.78	1.78	4.26	4.23	9.60	11.09	0.68	2.10	2.64	3.0	9.3	11.7	98	4.57	A	A+	4.20	6.22	2074	1.20
	2.5+2.5+3.5+3.5	2.00	2.00	2.80	2.80	3.82	9.60	10.73	0.67	2.26	2.71	3.0	10.0	12.0	98	4.25	A	A+	4.16	6.22	2092	1.20
	2.5+2.5+3.5+4.2	1.89	1.89	2.65	3.17	4.01	9.60	10.74	0.69	2.26	2.71	3.1	10.0	12.0	98	4.25	A	A+	4.19	6.22	2078	1.20

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)				Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
4MXS80E	2.5+2.5+3.5+5.0	1.78	1.78	2.49	3.55	4.23	9.60	10.86	0.71	2.18	2.71	3.1	9.7	12.0	98	4.40	A	A+	4.14	6.22	2105	1.20
	2.5+2.5+3.5+6.0	1.66	1.66	2.32	3.96	4.50	9.60	11.09	0.72	2.10	2.63	3.2	9.3	11.7	98	4.57	A	A+	4.26	6.22	2047	1.19
	2.5+2.5+4.2+4.2	1.79	1.79	3.01	3.01	4.20	9.60	10.75	0.71	2.26	2.70	3.1	10.0	12.0	98	4.25	A	A+	4.19	6.22	2078	1.20
	2.5+2.5+4.2+5.0	1.69	1.69	2.85	3.37	4.42	9.60	10.87	0.76	2.17	2.71	3.4	9.6	12.0	98	4.42	A	A+	4.16	6.22	2092	1.20
	2.5+3.5+3.5+3.5	1.86	2.58	2.58	2.58	4.09	9.60	10.74	0.71	2.26	2.71	3.1	10.0	12.0	98	4.25	A	A+	4.22	6.22	2066	1.19
	2.5+3.5+3.5+4.2	1.76	2.45	2.45	2.94	4.28	9.60	10.75	0.74	2.26	2.70	3.3	10.0	12.0	98	4.25	A	A+	4.25	6.22	2051	1.19
	2.5+3.5+3.5+5.0	1.65	2.32	2.32	3.31	4.50	9.60	10.87	0.76	2.17	2.71	3.4	9.6	12.0	98	4.42	A	A+	4.22	6.22	2066	1.20
	2.5+3.5+4.2+4.2	1.67	2.33	2.80	2.80	4.47	9.60	10.75	0.78	2.26	2.70	3.5	10.0	12.0	98	4.25	A	A+	4.25	6.22	2051	1.19
	3.5+3.5+3.5+3.5	2.40	2.40	2.40	2.40	4.36	9.60	10.75	0.76	2.26	2.70	3.4	10.0	12.0	98	4.25	A	A+	4.31	6.22	2021	1.19

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
5MXS90E	1.5+1.5	1.50	1.50	---	---	---	2.03	3.00	4.03	0.46	0.78	1.14	2.0	3.5	5.1	98	3.85	A	390	A	5.26	3.00	200
	1.5+2.0	1.50	2.00	---	---	---	2.05	3.50	4.50	0.50	0.94	1.34	2.2	4.2	5.9	98	3.72	A	470	A	5.49	3.50	224
	1.5+2.5	1.50	2.50	---	---	---	2.11	4.00	4.96	0.46	1.06	1.38	2.0	4.7	6.1	98	3.77	A	530	A+	5.66	4.00	248
	1.5+3.5	1.50	3.50	---	---	---	2.22	5.00	5.82	0.46	1.43	1.79	2.0	6.3	7.9	98	3.50	A	715	A+	5.67	5.00	309
	1.5+4.2	1.50	4.20	---	---	---	2.29	5.70	6.37	0.46	1.75	2.09	2.0	7.8	9.3	98	3.26	A	875	A+	5.74	5.70	348
	1.5+5.0	1.50	5.00	---	---	---	2.38	6.50	6.97	0.50	2.10	2.42	2.2	9.3	10.7	98	3.10	B	1050	A+	5.74	6.50	397
	1.5+6.0	1.45	5.79	---	---	---	2.51	7.24	7.64	0.54	2.34	2.57	2.4	10.4	11.4	98	3.09	B	1170	A++	6.14	7.24	413
	1.5+7.1	1.33	6.30	---	---	---	2.67	7.63	8.29	0.57	2.57	3.00	2.5	11.4	13.3	98	2.97	C	1285	A+	6.08	7.63	439
	2.0+2.0	2.00	2.00	---	---	---	2.11	4.00	5.30	0.50	1.14	1.79	2.2	5.1	7.9	98	3.51	A	570	A+	5.68	4.00	247
	2.0+2.5	2.00	2.50	---	---	---	2.16	4.50	5.73	0.50	1.30	1.79	2.2	5.8	7.9	98	3.46	A	650	A+	5.80	4.50	272
	2.0+3.5	2.00	3.50	---	---	---	2.27	5.50	6.36	0.50	1.70	2.09	2.2	7.5	9.3	98	3.24	A	850	A+	5.77	5.50	334
	2.0+4.2	2.00	4.20	---	---	---	2.35	6.20	6.75	0.50	1.99	2.35	2.2	8.8	10.4	98	3.12	B	995	A+	5.86	6.20	371
	2.0+5.0	2.00	5.00	---	---	---	2.44	7.00	7.31	0.50	2.42	2.59	2.2	10.7	11.5	98	2.89	C	1210	A+	5.71	7.00	430
	2.0+6.0	1.86	5.56	---	---	---	2.58	7.42	7.96	0.54	2.45	2.81	2.4	10.9	12.5	98	3.03	B	1225	A++	6.10	7.42	426
	2.0+7.1	1.71	6.09	---	---	---	2.74	7.80	8.47	0.57	2.69	3.13	2.5	11.9	13.9	98	2.90	C	1345	A++	6.10	7.80	448
	2.5+2.5	2.50	2.50	---	---	---	2.22	5.00	6.20	0.46	1.39	1.99	2.0	6.2	8.8	98	3.60	A	695	A+	5.84	5.00	300
	2.5+3.5	2.50	3.50	---	---	---	2.33	6.00	6.60	0.50	1.89	2.25	2.2	8.4	10.0	98	3.17	B	945	A+	6.01	6.00	350
	2.5+4.2	2.50	4.20	---	---	---	2.41	6.70	7.11	0.50	2.30	2.57	2.2	10.2	11.4	98	2.91	C	1150	A+	5.82	6.70	404
	2.5+5.0	2.41	4.83	---	---	---	2.51	7.24	7.64	0.53	2.59	2.82	2.4	11.5	12.5	98	2.80	D	1295	A+	5.68	7.24	447
	2.5+6.0	2.23	5.36	---	---	---	2.66	7.59	8.25	0.57	2.57	3.00	2.5	11.4	13.3	98	2.95	C	1285	A++	6.12	7.59	435
	2.5+7.1	2.08	5.90	---	---	---	2.82	7.98	8.47	0.60	2.81	3.13	2.7	12.5	13.9	98	2.84	C	1405	A++	6.10	7.98	458
	3.5+3.5	3.50	3.50	---	---	---	2.44	7.00	7.31	0.53	2.52	2.69	2.4	11.2	11.9	98	2.78	D	1260	A+	5.67	7.00	433
	3.5+4.2	3.32	3.99	---	---	---	2.54	7.31	7.66	0.53	2.69	2.92	2.4	11.9	13.0	98	2.72	D	1345	A+	5.62	7.39	460
	3.5+5.0	3.13	4.46	---	---	---	2.66	7.59	7.83	0.57	2.82	2.94	2.5	12.5	13.0	98	2.69	D	1410	A	5.58	7.59	476
	3.5+6.0	2.93	5.01	---	---	---	2.80	7.94	8.45	0.60	2.81	3.13	2.7	12.5	13.9	98	2.83	C	1405	A+	6.03	7.94	461
	3.5+7.1	2.75	5.58	---	---	---	2.96	8.33	8.47	0.64	3.07	3.13	2.8	13.6	13.9	98	2.71	D	1535	A+	6.00	8.33	487
	4.2+4.2	3.78	3.78	---	---	---	2.64	7.56	7.67	0.56	2.86	2.92	2.5	12.7	13.0	98	2.64	D	1430	A+	5.66	7.40	458
	4.2+5.0	3.58	4.26	---	---	---	2.76	7.84	8.01	0.60	2.94	3.07	2.7	13.0	13.6	98	2.67	D	1470	A	5.56	7.70	485
	4.2+6.0	3.37	4.82	---	---	---	2.91	8.19	8.46	0.60	2.94	3.13	2.7	13.0	13.9	98	2.79	D	1470	A+	5.98	8.19	480
	4.2+7.1	3.19	5.39	---	---	---	3.07	8.58	8.66	0.64	3.26	3.26	2.8	14.5	14.5	98	2.63	D	1630	A+	6.01	8.34	486
	5.0+5.0	4.06	4.06	---	---	---	2.88	8.12	8.18	0.60	3.09	3.19	2.7	13.7	14.2	98	2.63	D	1545	A	5.55	8.12	513
	5.0+6.0	3.85	4.62	---	---	---	3.02	8.47	8.64	0.64	3.09	3.25	2.8	13.7	14.4	98	2.74	D	1545	A+	5.91	8.47	502
	5.0+7.1	3.66	5.20	---	---	---	3.19	8.86	8.88	0.67	3.36	3.39	3.0	14.9	15.0	98	2.64	D	1680	A+	5.90	8.86	526
	6.0+6.0	4.41	4.41	---	---	---	3.17	8.82	9.27	0.64	3.08	3.36	2.8	13.7	14.9	98	2.86	C	1540	A++	6.22	8.82	497
	6.0+7.1	4.12	4.88	---	---	---	3.33	9.00	9.29	0.68	3.08	3.36	3.0	13.7	14.9	98	2.92	C	1540	A++	6.21	9.00	508
	7.1+7.1	4.50	4.50	---	---	---	3.49	9.00	9.31	0.71	3.02	3.36	3.1	13.4	14.9	98	2.98	C	1510	A++	6.23	9.00	506
	1.5+1.5+1.5	1.50	1.50	1.50	---	---	2.16	4.50	5.40	0.47	1.05	1.39	2.1	4.7	6.2	98	4.29	A	525	A+	5.88	4.50	268
	1.5+1.5+2.0	1.50	1.50	2.00	---	---	2.22	5.00	5.82	0.47	1.22	1.57	2.1	5.4	7.0	98	4.10	A	610	A+	6.02	5.00	291
	1.5+1.5+2.5	1.50	1.50	2.50	---	---	2.27	5.50	6.22	0.47	1.43	1.76	2.1	6.3	7.8	98	3.85	A	715	A+	6.09	5.50	317
	1.5+1.5+3.5	1.50	1.50	3.50	---	---	2.38	6.50	6.97	0.50	1.91	2.17	2.2	8.5	9.6	98	3.40	A	955	A++	6.12	6.50	372
	1.5+1.5+4.2	1.49	1.49	4.17	---	---	2.46	7.14	7.45	0.50	2.28	2.45	2.2	10.1	10.9	98	3.13	B	1140	A+	6.06	7.14	413
	1.5+1.5+5.0	1.39	1.39	4.64	---	---	2.58	7.42	7.96	0.54	2.35	2.71	2.4	10.4	12.0	98	3.16	B	1175	A+	6.04	7.42	430
	1.5+1.5+6.0	1.30	1.30	5.18	---	---	2.73	7.77	8.53	0.58	2.38	2.82	2.6	10.6	12.5	98	3.26	A	1190	A++	6.32	7.77	430
	1.5+1.5+7.1	1.21	1.21	5.74	---	---	2.89	8.16	9.07	0.61	2.56	3.22	2.7	11.4	14.3	98	3.19	B	1280	A++	6.32	8.16	452
	1.5+2.0+2.0	1.50	2.00	2.00	---	---	2.27	5.50	6.22	0.50	1.43	1.76	2.2	6.3	7.8	98	3.85	A	715	A++	6.13	5.50	315
	1.5+2.0+2.5	1.50	2.00	2.50	---	---	2.33	6.00	6.60	0.47	1.66	1.96	2.1	7.4	8.7	98	3.61	A	830	A++	6.17	6.00	341
	1.5+2.0+3.5	1.50	2.00	3.50	---	---	2.44	7.00	7.31	0.50	2.17	2.40	2.2	9.6	10.6	98	3.23	A	1085	A++	6.14	7.00	399
	1.5+2.0+4.2	1.42	1.90	3.99	---	---	2.54	7.31	7.77	0.54	2.40	2.69	2.4	10.6	11.9	98	3.05	B	1200	A++	6.11	7.31	419
	1.5+2.0+5.0	1.34	1.79	4.46	---	---	2.66	7.59	8.25	0.54	2.47	2.89	2.4	11.0	12.8	98	3.07	B	1235	A+	6.08	7.59	437
	1.5+2.0+6.0	1.25	1.67	5.01	---	---	2.80	7.94	8.78	0.58	2.44	3.01	2.6	10.8	13.4	98	3.25	A	1220	A++	6.32	7.94	440
	1.5+2.0+7.1	1.18	1.57	5.58	---	---	2.96	8.33	9.12	0.61	2.69	3.22	2.7	11.9	14.3	98	3.10	B	1345	A++	6.31	8.33	462
	1.5+2.5+2.5	1.50	2.50	2.50	---	---	2.38	6.50	6.97	0.50	1.91	2.17	2.2	8.5	9.6	98	3.40	A	955	A++	6.25	6.50	364
	1.5+2.5+3.5	1.45	2.41	3.38	---	---	2.51	7.24	7.64	0.54	2.34	2.57	2.4	10.4	11.4	98	3.09	B	1170	A++	6.11	7.24	416
	1.5+2.5+4.2	1.37	2.28	3.84	---	---	2.61	7.49	8.08	0.54	2.45	2.88	2.4	10.9	12.8	98	3.06	B	1225	A+	6.09	7.49	431
	1.5+2.5+5.0	1.30	2.16	4.32	---	---	2.73	7.77	8.53	0.57	2.59	3.09	2.5	11.5	13.7	98	3.00	C	1295	A+	6.07	7.77	449
	1.5+2.5+6.0	1.22	2.03	4.87	---	---	2.88	8.12	9.03	0.58	2.56	3.22	2.6	11.4	14.3	98	3.17	B	1280	A++	6.32	8.12	450
	1.5+2.5+7.1	1.15	1.92	5.44	---	---	3.04	8.51	9.30	0.61	2.82	3.36	2.7	12.5	14.9	98	3.02	B	1410	A++	6.28	8.51	475
	1.5+3.5+3.5	1.34	3.13	3.13	---	---	2.66	7.59	8.25	0.57	2.57	3.00	2.5	11.4	13.3	98	2.95	C	1285	A+	6.02	7.59	441
	1.5+3.5+4.2	1.28	2.98	3.58	---	---	2.76	7.84	8.48	0.57	2.69	3.13	2.5	11.9	13.9	98	2.91	C	1345	A+	5.99	7.84	459
	1.5+3.5+5.0	1.22	2.84	4.06	---	---	2.88	8.12	8.66	0.61	2.83	3.16	2.7	12.6	14.0	98	2.87	C	1415	A+	5.93	8.12	480
	1.5+3.5+6.0	1.16	2.70	4.62	---	---	3.02	8.47	9.11	0.61	2.82	3.22	2.7	12.5	14.3	98	3.00	B	1410	A++	6.25	8.47	475
	1.5+3.5+7.1	1.10	2.56	5.20	---	---	3.19	8.86	9.31	0.64	3.08	3.36	2.8	13.7	14.9	98	2.88	C	1540	A++	6.18	8.86	502
	1.5+4.2+4.2	1.23	3.43	3.43	---	---	2.86	8.09	8.49	0.60	2.88	3.13	2.7	12.8	13.9	98	2.81	C	1440	A+	5.97	8.09	475
	1.5+4.2+5.0	1.17	3.29	3.91	---	---	2.98	8.37	8.67	0.61	2.96	3.16	2.7	13.1	14.0	98	2.83	C	1480	A+	5.92	8.37	496
	1.5+4.2+6.0	1.12	3.13	4.47	---	---	3.13	8.72	9.30	0.64	2.95	3.36	2.8	13.1	14.9	98	2.96	C	1475	A++	6.17	8.72	495
	1.5+4.2+7.1	1.05	2.95	4.99	---	---	3.29	9.00	9.32	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.17	9.00	511
	1.5+5.0+5.0	1.13	3.76	3.76	---	---	3.10	8.65	9.02	0.64	3.05	3.32	2.8	13.5	14.7	98	2.84	C	1525	A+	5.83	8.65	520
	1.5+5.0+6.0	1.08	3.60	4.32	---	---	3.24	9.00	9.47	0.64	2.97	3.39	2.8	13.2	15.0	98	3.03	B	1485	A++	6.15	9.00	513
	1.5+5.0+7.1	0.99	3.31	4.70	---	---	3.41	9.00	9.49	0.68	2.90	3.39	3.0	12.9	15.0	98	3.10	B	1450	A++	6.17	9.00	511
	1.5+6.0+6.0	1.00	4.00	4.00	---	---	3.39	9.00	9.93	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340	A++	6.37	9.00	495
	1.5+6.0+7.1	0.92	3.70	4.38	---	---	3.55	9.00	9.95	0.71	2.61	3.46	3.1	11.6	15.4	98	3.45	A	1305	A++	6.39	9.00	493
	2.0+2.0+2.0	2.00	2.00	2.00	---	---	2.33	6.00	6.63	0.50	1.66	1.96	2.2	7.4	8.7	98	3.61	A	830	A++	6.19	6.00	340
	2.0+2.0+2.5	2.00	2.00	2.50	---	---	2.38	6.50	6.97	0.50	1.91	2.17	2.2	8.5	9.6	98	3.40	A	955	A++	6.30	6.50	361
	2.0+2.0+3.5	1.93	1.93	3.38	---	---	2.51	7.24	7.64	0.54	2.34	2.57	2.4	10.4	11.4	98	3.09	B	1170	A++	6.15	7.24	413
	2.0+2.0+4.2	1.83	1.83	3.83	---	---	2.61	7.49	8.08	0.54	2.45	2.88	2.4	10.9	12.8	98	3.06	B	1225	A++	6.14	7.49	428
	2.0+2.0+5.0	1.72	1.72	4.33	---	---	2.73	7.77	8.53	0.57	2.59	3.09	2.5	11.5	13.7	98	3.00	C	1295	A++	6.11	7.77	446
	2.0+2.0+6.0	1.62	1.62	4.88	---	---	2.88	8.12	9.03	0.58	2.56	3.22	2.6	11.4	14.3	98	3.17	B	1280	A++	6.37	8.12	447
	2.0+2.0+7.1	1.53	1.53	5.45	---	---	3.04	8.51	9.30	0.61	2.82	3.36	2.7	12.5	14.9	98	3.02	B	1410	A++	6.35	8.51	469
	2.0+2.5+2.5	2.00	2.50	2.50	---	---	2.44	7.00	7.31	0.50	2.17	2.40	2.2	9.6	10.6	98	3.23	A	1085	A++	6.26	7.00	392
	2.0+2.5+3.5	1.86	2.32	3.24	---	---	2.58	7.42	7.96	0.54	2.45	2.81	2.4	10.9	12.5	98	3.03	B	1225	A++	6.13	7.42	424
	2.0+2.5+4.2	1.76	2.20	3.70	---	---	2.69	7.66	8.36	0.57	2.57	3.07	2.5	11.4	13.6	98	2.98	C	1285	A++	6.13	7.66	438
	2.0+2.5+5.0	1.67	2.09	4.18	---	---	2.80	7.94	8.65	0.57	2.71	3.15	2.5	12.0	14.0	98	2.93	C	1355	A+	6.05	7.94	460
	2.0+2.5+6.0	1.58	1.98	4.74	---	---	2.95	8.30	9.10	0.61	2.69	3.22	2.7	11.9	14.3	98	3.09	B	1345	A++	6.36	8.30	458

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
5MXS90E	2.0+2.5+7.1	1.50	1.87	5.31	---	---	3.11	8.68	9.30	0.64	2.95	3.36	2.8	13.1	14.9	98	2.94	C	1475	A++	6.29	8.68	484
	2.0+3.5+3.5	1.73	3.02	3.02	---	---	2.73	7.77	8.47	0.57	2.69	3.13	2.5	11.9	13.9	98	2.89	C	1345	A+	6.05	7.77	450
	2.0+3.5+4.2	1.65	2.89	3.47	---	---	2.83	8.01	8.48	0.60	2.81	3.13	2.7	12.5	13.9	98	2.85	C	1405	A+	5.99	8.01	469
	2.0+3.5+5.0	1.58	2.77	3.95	---	---	2.95	8.30	8.66	0.61	2.96	3.16	2.7	13.1	14.0	98	2.80	C	1480	A+	5.96	8.30	488
	2.0+3.5+6.0	1.50	2.63	4.52	---	---	3.10	8.65	9.29	0.64	2.95	3.36	2.8	13.1	14.9	98	2.93	C	1475	A++	6.21	8.65	488
	2.0+3.5+7.1	1.43	2.50	5.07	---	---	3.26	9.00	9.31	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.19	9.00	509
	2.0+4.2+4.2	1.58	3.34	3.34	---	---	2.94	8.26	8.49	0.60	3.00	3.13	2.7	13.3	13.9	98	2.75	D	1500	A+	6.01	8.15	475
	2.0+4.2+5.0	1.53	3.20	3.81	---	---	3.05	8.54	8.84	0.64	3.09	3.29	2.8	13.7	14.6	98	2.76	D	1545	A+	5.93	8.54	505
	2.0+4.2+6.0	1.46	3.06	4.37	---	---	3.20	8.89	9.30	0.64	3.08	3.36	2.8	13.7	14.9	98	2.89	C	1540	A++	6.19	8.89	503
	2.0+4.2+7.1	1.36	2.84	4.80	---	---	3.36	9.00	9.32	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.19	9.00	509
	2.0+5.0+5.0	1.46	3.68	3.68	---	---	3.17	8.82	9.02	0.64	3.18	3.32	2.8	14.1	14.7	98	2.77	D	1590	A+	5.86	8.82	528
	2.0+5.0+6.0	1.39	3.46	4.15	---	---	3.32	9.00	9.47	0.68	2.97	3.39	3.0	13.2	15.0	98	3.03	B	1485	A++	6.18	9.00	510
	2.0+5.0+7.1	1.28	3.19	4.53	---	---	3.48	9.00	9.49	0.71	2.90	3.39	3.1	12.9	15.0	98	3.10	B	1450	A++	6.19	9.00	509
	2.0+6.0+6.0	1.28	3.86	3.86	---	---	3.46	9.00	9.93	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340	A++	6.39	9.00	493
	2.0+6.0+7.1	1.19	3.58	4.23	---	---	3.63	9.00	10.40	0.71	2.61	4.00	3.1	11.6	17.7	98	3.45	A	1305	A++	6.40	9.00	493
	2.5+2.5+2.5	2.41	2.41	2.41	---	---	2.51	7.23	7.64	0.54	2.34	2.57	2.4	10.4	11.4	98	3.09	B	1170	A++	6.23	7.23	407
	2.5+2.5+3.5	2.23	2.23	3.13	---	---	2.66	7.59	8.25	0.57	2.57	3.00	2.5	11.4	13.3	98	2.95	C	1285	A++	6.13	7.59	434
	2.5+2.5+4.2	2.13	2.13	3.58	---	---	2.76	7.84	8.47	0.57	2.69	3.13	2.5	11.9	13.9	98	2.91	C	1345	A++	6.11	7.84	450
	2.5+2.5+5.0	2.03	2.03	4.06	---	---	2.88	8.12	8.65	0.61	2.83	3.15	2.7	12.6	14.0	98	2.87	C	1415	A+	6.06	8.12	470
	2.5+2.5+6.0	1.93	1.93	4.61	---	---	3.02	8.47	9.10	0.61	2.82	3.22	2.7	12.5	14.3	98	3.00	B	1410	A++	6.34	8.47	468
	2.5+2.5+7.1	1.83	1.83	5.20	---	---	3.19	8.86	9.30	0.64	3.08	3.36	2.8	13.7	14.9	98	2.88	C	1540	A++	6.27	8.86	495
	2.5+3.5+3.5	2.08	2.93	2.93	---	---	2.80	7.94	8.47	0.60	2.75	3.13	2.7	12.2	13.9	98	2.89	C	1375	A+	6.01	7.94	463
	2.5+3.5+4.2	2.01	2.81	3.37	---	---	2.91	8.19	8.48	0.60	2.94	3.13	2.7	13.0	13.9	98	2.79	D	1470	A+	5.98	8.19	480
	2.5+3.5+5.0	1.93	2.70	3.84	---	---	3.02	8.47	8.66	0.64	3.02	3.16	2.8	13.4	14.0	98	2.80	C	1510	A+	5.95	8.47	499
	2.5+3.5+6.0	1.84	2.57	4.41	---	---	3.17	8.82	9.29	0.64	3.01	3.36	2.8	13.4	14.9	98	2.93	C	1505	A++	6.19	8.82	499
	2.5+3.5+7.1	1.72	2.40	4.88	---	---	3.33	9.00	9.31	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.19	9.00	509
	2.5+4.2+4.2	1.94	3.25	3.25	---	---	3.01	8.44	8.44	0.64	3.13	3.13	2.8	13.9	13.9	98	2.70	D	1565	A+	5.98	8.20	480
	2.5+4.2+5.0	1.86	3.13	3.73	---	---	3.13	8.72	8.84	0.64	3.22	3.29	2.8	14.3	14.6	98	2.71	D	1610	A+	5.93	8.55	505
	2.5+4.2+6.0	1.77	2.98	4.25	---	---	3.27	9.00	9.30	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.18	9.00	510
	2.5+4.2+7.1	1.63	2.74	4.63	---	---	3.44	9.00	9.32	0.71	3.15	3.36	3.1	14.0	14.9	98	2.86	C	1575	A++	6.19	9.00	509
	2.5+5.0+5.0	1.80	3.60	3.60	---	---	3.24	9.00	9.02	0.67	3.32	3.37	3.0	14.7	15.0	98	2.71	D	1660	A+	5.88	9.00	537
	2.5+5.0+6.0	1.67	3.33	4.00	---	---	3.39	9.00	9.47	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520	A++	6.18	9.00	510
	2.5+5.0+7.1	1.54	3.08	4.38	---	---	3.55	9.00	9.49	0.71	2.97	3.39	3.1	13.2	15.0	98	3.03	B	1485	A++	6.19	9.00	509
	2.5+6.0+6.0	1.56	3.72	3.72	---	---	3.54	9.00	9.93	0.71	2.75	3.46	3.1	12.2	15.4	98	3.27	A	1375	A++	6.39	9.00	493
	2.5+6.0+7.1	1.44	3.46	4.10	---	---	3.70	9.00	10.40	0.71	2.68	4.00	3.1	11.9	17.7	98	3.36	A	1340	A++	6.40	9.00	493
	3.5+3.5+3.5	2.77	2.77	2.77	---	---	2.95	8.31	8.60	0.64	3.07	3.26	2.8	13.6	14.5	98	2.71	D	1535	A+	5.92	8.31	491
	3.5+3.5+4.2	2.67	2.67	3.20	---	---	3.05	8.54	8.66	0.64	3.20	3.26	2.8	14.2	14.5	98	2.67	D	1600	A+	5.91	8.45	501
	3.5+3.5+5.0	2.57	2.57	3.68	---	---	3.17	8.82	8.84	0.67	3.29	3.32	3.0	14.6	14.7	98	2.68	D	1645	A+	5.81	8.82	532
	3.5+3.5+6.0	2.42	2.42	4.16	---	---	3.32	9.00	9.30	0.68	3.08	3.36	3.0	13.7	14.9	98	2.92	C	1540	A++	6.12	9.00	515
	3.5+3.5+7.1	2.23	2.23	4.54	---	---	3.48	9.00	9.32	0.71	3.02	3.36	3.1	13.4	14.9	98	2.98	C	1510	A++	6.18	9.00	510
	3.5+4.2+4.2	2.59	3.10	3.10	---	---	3.16	8.79	8.79	0.67	3.26	3.26	3.0	14.5	14.5	98	2.70	D	1630	A+	5.91	8.46	501
	3.5+4.2+5.0	2.48	2.98	3.54	---	---	3.27	9.00	9.00	0.67	3.29	3.29	3.0	14.6	14.6	98	2.74	D	1645	A+	5.83	8.83	531
	3.5+4.2+6.0	2.30	2.76	3.94	---	---	3.42	9.00	9.31	0.71	3.15	3.36	3.1	14.0	14.9	98	2.86	C	1575	A++	6.13	9.00	515
	3.5+4.2+7.1	2.13	2.55	4.32	---	---	3.58	9.00	9.81	0.75	3.15	3.95	3.3	14.0	17.5	98	2.86	C	1575	A++	6.21	9.00	508
	3.5+5.0+5.0	2.34	3.33	3.33	---	---	3.39	9.00	9.02	0.71	3.32	3.35	3.1	14.7	14.9	98	2.71	D	1660	A+	5.83	9.00	541
	3.5+5.0+6.0	2.18	3.10	3.72	---	---	3.54	9.00	9.48	0.71	3.04	3.39	3.1	13.5	15.0	98	2.96	C	1520	A++	6.12	9.00	515
	3.5+5.0+7.1	2.02	2.88	4.10	---	---	3.70	9.00	9.94	0.75	2.97	3.91	3.3	13.2	17.3	98	3.03	B	1485	A++	6.20	9.00	508
	3.5+6.0+6.0	2.04	3.48	3.48	---	---	3.69	9.00	10.38	0.71	2.75	4.00	3.1	12.2	17.7	98	3.27	A	1375	A++	6.33	9.00	498
	4.2+4.2+4.2	3.00	3.00	3.00	---	---	3.26	9.00	9.00	0.71	3.27	3.27	3.1	14.5	14.5	98	2.75	D	1635	A+	5.92	8.47	501
	4.2+4.2+5.0	2.82	2.82	3.36	---	---	3.38	9.00	9.08	0.71	3.29	3.29	3.1	14.6	14.6	98	2.74	D	1645	A+	5.84	8.84	530
	4.2+4.2+6.0	2.63	2.63	3.74	---	---	3.52	9.00	9.32	0.71	3.15	3.36	3.1	14.0	14.9	98	2.86	C	1575	A++	6.13	9.00	514
	4.2+4.2+7.1	2.44	2.44	4.12	---	---	3.69	9.00	9.82	0.75	3.16	3.95	3.3	14.0	17.5	98	2.85	C	1580	A++	6.21	9.00	508
	4.2+5.0+5.0	2.66	3.17	3.17	---	---	3.49	9.00	9.03	0.74	3.32	3.32	3.3	14.7	14.7	98	2.71	D	1660	A+	5.83	9.00	541
	4.2+5.0+6.0	2.49	2.96	3.55	---	---	3.64	9.00	9.98	0.75	3.04	3.98	3.3	13.5	17.7	98	2.96	C	1520	A++	6.13	9.00	514
	5.0+5.0+5.0	3.00	3.00	3.00	---	---	3.61	9.00	9.78	0.75	3.21	4.07	3.3	14.2	18.1	98	2.80	C	1605	A+	5.80	9.00	544
	1.5+1.5+1.5+1.5	1.50	1.50	1.50	1.50	---	2.33	6.00	6.60	0.48	1.39	1.62	2.1	6.2	7.2	98	4.32	A	695	A++	6.20	6.00	339
	1.5+1.5+1.5+2.0	1.50	1.50	1.50	2.00	---	2.38	6.50	6.97	0.51	1.58	1.82	2.3	7.0	8.1	98	4.11	A	790	A++	6.27	6.50	363
	1.5+1.5+1.5+2.5	1.50	1.50	1.50	2.50	---	2.44	7.00	7.31	0.51	1.82	1.98	2.3	8.1	8.8	98	3.85	A	910	A++	6.32	7.00	388
	1.5+1.5+1.5+3.5	1.39	1.39	1.39	3.25	---	2.58	7.42	7.96	0.54	2.04	2.32	2.4	9.1	10.3	98	3.64	A	1020	A++	6.26	7.42	415
	1.5+1.5+1.5+4.2	1.32	1.32	1.32	3.70	---	2.69	7.66	8.36	0.54	2.26	2.69	2.4	10.0	11.9	98	3.39	A	1130	A++	6.27	7.66	428
	1.5+1.5+1.5+5.0	1.25	1.25	1.25	4.18	---	2.80	7.94	8.78	0.58	2.33	2.90	2.6	10.3	12.9	98	3.41	A	1165	A++	6.20	7.94	449
	1.5+1.5+1.5+6.0	1.19	1.19	1.19	4.74	---	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180	A++	6.39	8.30	455
	1.5+1.5+1.5+7.1	1.12	1.12	1.12	5.31	---	3.11	8.68	9.67	0.61	2.62	3.24	2.7	11.6	14.4	98	3.31	A	1310	A++	6.37	8.68	477
	1.5+1.5+2.0+2.0	1.50	1.50	2.00	2.00	---	2.44	7.00	7.31	0.51	1.82	1.98	2.3	8.1	8.8	98	3.85	A	910	A++	6.35	7.00	386
	1.5+1.5+2.0+2.5	1.45	1.45	1.93	2.41	---	2.51	7.24	7.64	0.51	1.93	2.15	2.3	8.6	9.5	98	3.75	A	965	A++	6.37	7.24	398
	1.5+1.5+2.0+3.5	1.34	1.34	1.79	3.13	---	2.66	7.59	8.25	0.54	2.09	2.50	2.4	9.3	11.1	98	3.63	A	1045	A++	6.28	7.59	424
	1.5+1.5+2.0+4.2	1.28	1.28	1.70	3.58	---	2.76	7.84	8.63	0.58	2.38	2.88	2.6	10.6	12.8	98	3.29	A	1190	A++	6.28	7.84	438
	1.5+1.5+2.0+5.0	1.22	1.22	1.62	4.06	---	2.88	8.12	9.03	0.58	2.45	3.11	2.6	10.9	13.8	98	3.31	A	1225	A++	6.22	8.12	457
	1.5+1.5+2.0+6.0	1.16	1.16	1.54	4.62	---	3.02	8.47	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245	A++	6.39	8.47	464
	1.5+1.5+2.0+7.1	1.10	1.10	1.46	5.20	---	3.19	8.86	9.84	0.65	2.68	3.39	2.9	11.9	15.0	98	3.31	A	1340	A++	6.37	8.86	487
	1.5+1.5+2.5+2.5	1.39	1.39	2.32	2.32	---	2.58	7.42	7.96	0.54	2.04	2.32	2.4	9.1	10.3	98	3.64	A	1020	A++	6.36	7.42	409
	1.5+1.5+2.5+3.5	1.30	1.30	2.16	3.02	---	2.73	7.77	8.53	0.58	2.32	2.82	2.6	10.3	12.5	98	3.35	A	1160	A++	6.24	7.78	437
	1.5+1.5+2.5+4.2	1.24	1.24	2.06	3.47	---	2.83	8.01	8.88	0.58	2.50	3.08	2.6	11.1	13.7	98	3.20	A	1250	A++	6.28	8.01	447
	1.5+1.5+2.5+5.0	1.19	1.19	1.98	3.95	---	2.95	8.30	9.25	0.61	2.58	3.25	2.7	11.4	14.4	98	3.22	A	1290	A++	6.22	8.30	468
	1.5+1.5+2.5+6.0	1.13	1.13	1.88	4.51	---	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275	A++	6.37	8.65	475
	1.5+1.5+2.5+7.1	1.07	1.07	1.79	5.07	---	3.26	9.00	9.96	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405	A++	6.36	9.00	496
	1.5+1.5+3.5+3.5	1.22	1.22	2.84	2.84	---	2.88	8.12	9.03	0.58	2.56	3.15	2.6	11.4	14.0	98	3.17	B	1280	A++	6.21	8.12	458
	1.5+1.5+3.5+4.2	1.17	1.17	2.74	3.29	---	2.98	8.37	9.14	0.61	2.69	3.22	2.7	11.9	14.3	98	3.11	B	1345	A++	6.18	8.37	475
	1.5+1.5+3.5+5.0	1.13	1.13	2.63	3.76	---	3.10	8.65	9.49	0.64	2.84	3.39	2.8	12.6	15.0	98	3.05	B	1420	A++	6.13	8.65	494
	1.5+1.5+3.5+6.0	1.08	1.08	2.52	4.32	---	3.24	9.00	9.95	0.64	2.75	3.46	2.8	12.2	15.4	98	3.27	A	1375	A++	6.30	9.00	501
	1.5+1.5+3.5+7.1	0.99	0.99	2.32	4.70	---	3.41	9.00	9.97	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340	A++	6.30	9.00	501
	1.5+1.5+4.2+4.2	1.13	1.13	3.17	3.17	---	3.08	8.61	9.33	0.64	2.89	3.36	2.8	12.8	14.9	98	2.98	C	1445	A++	6.13	8.61	492
	1.5+1.5+4.2+5.0	1.09	1.09	3.06	3.64	---	3.20	8.89	9.50	0.64	2.97	3.39	2.8	13.2	15.0	98	2.99	C	1485	A++	6.11	8.89	510

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
5MXS90E	1.5+1.5+4.2+6.0	1.02	1.02	2.86	4.09	---	3.35	9.00	9.96	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405	A++	6.30	9.00	501
	1.5+1.5+4.2+7.1	0.94	0.94	2.64	4.47	---	3.51	9.00	9.98	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375	A++	6.30	9.00	501
	1.5+1.5+5.0+5.0	1.04	1.04	3.46	3.46	---	3.32	9.00	9.68	0.68	2.92	3.42	3.0	13.0	15.2	98	3.08	B	1460	A+	6.09	9.00	518
	1.5+1.5+5.0+6.0	0.96	0.96	3.21	3.86	---	3.46	9.00	10.14	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350	A++	6.30	9.00	501
	1.5+1.5+5.0+7.1	0.89	0.89	2.98	4.23	---	3.63	9.00	10.46	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350	A++	6.30	9.00	501
	1.5+1.5+6.0+6.0	0.90	0.90	3.60	3.60	---	3.61	9.00	10.45	0.68	2.46	3.48	3.0	10.9	15.4	98	3.66	A	1230	A++	6.32	9.00	499
	1.5+2.0+2.0+2.0	1.45	1.93	1.93	1.93	---	2.51	7.24	7.64	0.51	1.93	2.15	2.3	8.6	9.5	98	3.75	A	965	A++	6.42	7.24	395
	1.5+2.0+2.0+2.5	1.39	1.86	1.86	2.32	---	2.58	7.42	7.96	0.54	2.04	2.32	2.4	9.1	10.3	98	3.64	A	1020	A++	6.41	7.42	406
	1.5+2.0+2.0+3.5	1.30	1.73	1.73	3.02	---	2.73	7.77	8.53	0.58	2.21	2.63	2.6	9.8	11.7	98	3.52	A	1105	A++	6.29	7.78	433
	1.5+2.0+2.0+4.2	1.24	1.65	1.65	3.47	---	2.83	8.01	8.88	0.58	2.50	3.08	2.6	11.1	13.7	98	3.20	A	1250	A++	6.29	8.01	447
	1.5+2.0+2.0+5.0	1.19	1.58	1.58	3.95	---	2.95	8.30	9.25	0.61	2.58	3.25	2.7	11.4	14.4	98	3.22	A	1290	A++	6.28	8.30	463
	1.5+2.0+2.0+6.0	1.13	1.50	1.50	4.51	---	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275	A++	6.38	8.65	475
	1.5+2.0+2.0+7.1	1.07	1.43	1.43	5.07	---	3.26	9.00	9.96	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405	A++	6.37	9.00	495
	1.5+2.0+2.5+2.5	1.34	1.79	2.23	2.23	---	2.66	7.59	8.25	0.54	2.09	2.50	2.4	9.3	11.1	98	3.63	A	1045	A++	6.40	7.59	415
	1.5+2.0+2.5+3.5	1.25	1.67	2.09	2.93	---	2.80	7.94	8.78	0.58	2.44	3.02	2.6	10.8	13.4	98	3.25	A	1220	A++	6.31	7.94	441
	1.5+2.0+2.5+4.2	1.20	1.61	2.01	3.37	---	2.91	8.19	9.12	0.61	2.63	3.22	2.7	11.7	14.3	98	3.11	B	1315	A++	6.30	8.19	455
	1.5+2.0+2.5+5.0	1.16	1.54	1.93	3.85	---	3.02	8.47	9.30	0.61	2.71	3.25	2.7	12.0	14.4	98	3.13	B	1355	A++	6.26	8.47	474
	1.5+2.0+2.5+6.0	1.10	1.47	1.84	4.41	---	3.17	8.82	9.81	0.64	2.68	3.38	2.8	11.9	15.0	98	3.29	A	1340	A++	6.39	8.82	484
	1.5+2.0+2.5+7.1	1.03	1.37	1.72	4.88	---	3.33	9.00	9.96	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405	A++	6.37	9.00	495
	1.5+2.0+3.5+3.5	1.19	1.58	2.77	2.77	---	2.95	8.30	9.13	0.61	2.69	3.22	2.7	11.9	14.3	98	3.09	B	1345	A++	6.21	8.30	468
	1.5+2.0+3.5+4.2	1.14	1.53	2.67	3.20	---	3.05	8.54	9.32	0.61	2.82	3.36	2.7	12.5	14.9	98	3.03	B	1410	A++	6.21	8.54	482
	1.5+2.0+3.5+5.0	1.10	1.47	2.57	3.68	---	3.17	8.82	9.49	0.64	2.90	3.39	2.8	12.9	15.0	98	3.04	B	1450	A++	6.13	8.82	504
	1.5+2.0+3.5+6.0	1.04	1.38	2.42	4.15	---	3.32	9.00	9.95	0.64	2.75	3.46	2.8	12.2	15.4	98	3.27	A	1375	A++	6.30	9.00	501
	1.5+2.0+3.5+7.1	0.96	1.28	2.23	4.53	---	3.48	9.00	9.97	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340	A++	6.32	9.00	499
	1.5+2.0+4.2+4.2	1.11	1.48	3.10	3.10	---	3.16	8.79	9.33	0.64	3.02	3.36	2.8	13.4	14.9	98	2.91	C	1510	A++	6.16	8.79	500
	1.5+2.0+4.2+5.0	1.06	1.42	2.98	3.54	---	3.27	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520	A++	6.12	9.00	515
	1.5+2.0+4.2+6.0	0.99	1.31	2.76	3.94	---	3.42	9.00	9.96	0.68	2.81	3.46	3.0	12.5	15.4	98	3.20	A	1405	A++	6.30	9.00	500
	1.5+2.0+4.2+7.1	0.91	1.22	2.55	4.32	---	3.58	9.00	10.42	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6.32	9.00	499
	1.5+2.0+5.0+5.0	1.00	1.33	3.33	3.33	---	3.39	9.00	9.68	0.68	2.92	3.42	3.0	13.0	15.2	98	3.08	B	1460	A++	6.12	9.00	515
	1.5+2.0+5.0+6.0	0.93	1.24	3.10	3.72	---	3.54	9.00	10.14	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350	A++	6.30	9.00	500
	1.5+2.0+5.0+7.1	0.87	1.15	2.88	4.10	---	3.70	9.00	10.50	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350	A++	6.32	9.00	499
	1.5+2.0+6.0+6.0	0.87	1.16	3.48	3.48	---	3.69	9.00	10.49	0.71	2.46	3.48	3.1	10.9	15.4	98	3.66	A	1230	A++	6.31	9.00	500
	1.5+2.5+2.5+2.5	1.30	2.16	2.16	2.16	---	2.73	7.77	8.53	0.58	2.21	2.69	2.6	9.8	11.9	98	3.52	A	1105	A++	6.37	7.78	428
	1.5+2.5+2.5+3.5	1.22	2.03	2.03	2.84	---	2.88	8.12	9.03	0.58	2.56	3.22	2.6	11.4	14.3	98	3.17	B	1280	A++	6.29	8.12	452
	1.5+2.5+2.5+4.2	1.17	1.96	1.96	3.29	---	2.98	8.37	9.13	0.61	2.69	3.22	2.7	11.9	14.3	98	3.11	B	1345	A++	6.28	8.37	467
	1.5+2.5+2.5+5.0	1.13	1.88	1.88	3.76	---	3.10	8.65	9.49	0.64	2.84	3.39	2.8	12.6	15.0	98	3.05	B	1420	A++	6.21	8.65	488
	1.5+2.5+2.5+6.0	1.08	1.80	1.80	4.32	---	3.24	9.00	9.94	0.64	2.75	3.46	2.8	12.2	15.4	98	3.27	A	1375	A++	6.37	9.00	495
	1.5+2.5+2.5+7.1	0.99	1.65	1.65	4.70	---	3.41	9.00	9.96	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340	A++	6.38	9.00	494
	1.5+2.5+3.5+3.5	1.16	1.93	2.70	2.70	---	3.02	8.47	9.13	0.61	2.75	3.22	2.7	12.2	14.3	98	3.08	B	1375	A++	6.20	8.47	479
	1.5+2.5+3.5+4.2	1.12	1.86	2.61	3.13	---	3.13	8.72	9.32	0.64	2.95	3.36	2.8	13.1	14.9	98	2.96	C	1475	A++	6.16	8.72	496
	1.5+2.5+3.5+5.0	1.08	1.80	2.52	3.60	---	3.24	9.00	9.49	0.64	3.04	3.39	2.8	13.5	15.0	98	2.96	C	1520	A++	6.12	9.00	515
	1.5+2.5+3.5+6.0	1.00	1.67	2.33	4.00	---	3.39	9.00	9.95	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375	A++	6.30	9.00	500
	1.5+2.5+3.5+7.1	0.92	1.54	2.16	4.38	---	3.55	9.00	9.97	0.71	2.68	3.46	3.1	11.9	15.4	98	3.36	A	1340	A++	6.32	9.00	499
	1.5+2.5+4.2+4.2	1.08	1.81	3.03	3.03	---	3.23	8.96	9.33	0.64	3.09	3.36	2.8	13.7	14.9	98	2.90	C	1545	A++	6.14	8.96	511
	1.5+2.5+4.2+5.0	1.02	1.70	2.86	3.41	---	3.35	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520	A++	6.12	9.00	515
	1.5+2.5+4.2+6.0	0.95	1.58	2.66	3.80	---	3.49	9.00	9.96	0.68	2.81	3.46	3.0	12.5	15.4	98	3.20	A	1405	A++	6.32	9.00	499
	1.5+2.5+4.2+7.1	0.88	1.47	2.47	4.18	---	3.66	9.00	10.47	0.71	2.75	4.09	3.1	12.2	18.1	98	3.27	A	1375	A++	6.32	9.00	499
	1.5+2.5+5.0+5.0	0.96	1.60	3.20	3.20	---	3.23	8.96	9.33	0.64	3.09	3.36	2.8	13.7	14.9	98	2.90	C	1545	A++	6.12	9.00	515
	1.5+2.5+5.0+6.0	0.90	1.50	3.00	3.60	---	3.35	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520	A++	6.30	9.00	500
	1.5+3.5+3.5+3.5	1.10	2.57	2.57	2.57	---	3.17	8.82	9.32	0.64	3.02	3.36	2.8	13.4	14.9	98	2.92	C	1510	A+	6.07	8.82	509
	1.5+3.5+3.5+4.2	1.06	2.48	2.48	2.98	---	3.27	9.00	9.33	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A+	6.08	9.00	518
	1.5+3.5+3.5+5.0	1.00	2.33	2.33	3.33	---	3.39	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520	A+	6.08	9.00	518
	1.5+3.5+3.5+6.0	0.93	2.17	2.17	3.72	---	3.54	9.00	9.96	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375	A++	6.25	9.00	505
	1.5+3.5+3.5+7.1	0.87	2.02	2.02	4.10	---	3.70	9.00	10.50	0.71	2.75	4.17	3.1	12.2	18.5	98	3.27	A	1375	A++	6.26	9.00	504
	1.5+3.5+4.2+4.2	1.01	2.35	2.82	2.82	---	3.38	9.00	9.33	0.68	3.16	3.37	3.0	14.0	15.0	98	2.85	C	1580	A++	6.12	9.00	515
	1.5+3.5+4.2+5.0	0.95	2.22	2.66	3.17	---	3.49	9.00	9.51	0.71	3.04	3.39	3.1	13.5	15.0	98	2.96	C	1520	A+	6.08	9.00	518
	1.5+3.5+4.2+6.0	0.89	2.07	2.49	3.55	---	3.64	9.00	10.47	0.71	2.82	4.17	3.1	12.5	18.5	98	3.19	B	1410	A++	6.25	9.00	504
	1.5+3.5+5.0+5.0	0.90	2.10	3.00	3.00	---	3.61	9.00	10.26	0.71	2.92	4.19	3.1	13.0	18.6	98	3.08	B	1460	A+	6.08	9.00	518
	1.5+4.2+4.2+4.2	0.96	2.68	2.68	2.68	---	3.48	9.00	9.34	0.71	3.16	3.37	3.1	14.0	15.0	98	2.85	C	1580	A++	6.13	9.00	514
	1.5+4.2+4.2+5.0	0.91	2.54	2.54	3.02	---	3.60	9.00	10.09	0.71	3.04	4.15	3.1	13.5	18.4	98	2.96	C	1520	A++	6.12	9.00	515
	2.0+2.0+2.0+2.0	1.86	1.86	1.86	1.86	---	2.58	7.44	7.96	0.54	2.04	2.32	2.4	9.1	10.3	98	3.65	A	1020	A++	6.45	7.44	404
	2.0+2.0+2.0+2.5	1.79	1.79	1.79	2.22	---	2.66	7.59	8.25	0.54	2.09	2.50	2.4	9.3	11.1	98	3.63	A	1045	A++	6.42	7.59	415
	2.0+2.0+2.0+3.5	1.67	1.67	1.67	2.93	---	2.80	7.94	8.78	0.58	2.32	2.82	2.6	10.3	12.5	98	3.42	A	1160	A++	6.37	7.94	437
	2.0+2.0+2.0+4.2	1.61	1.61	1.61	3.36	---	2.91	8.19	9.12	0.61	2.63	3.22	2.7	11.7	14.3	98	3.11	B	1315	A++	6.33	8.19	453
	2.0+2.0+2.0+5.0	1.54	1.54	1.54	3.85	---	3.02	8.47	9.30	0.61	2.71	3.25	2.7	12.0	14.4	98	3.13	B	1355	A++	6.27	8.47	473
	2.0+2.0+2.0+6.0	1.47	1.47	1.47	4.41	---	3.17	8.82	9.81	0.65	2.68	3.38	2.9	11.9	15.0	98	3.29	A	1340	A++	6.41	8.82	482
	2.0+2.0+2.0+7.1	1.37	1.37	1.37	4.89	---	3.33	9.00	9.96	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410	A++	6.39	9.00	493
	2.0+2.0+2.5+2.5	1.73	1.73	2.16	2.16	---	2.73	7.78	8.53	0.58	2.21	2.69	2.6	9.8	11.9	98	3.52	A	1105	A++	6.43	7.78	424
	2.0+2.0+2.5+3.5	1.62	1.62	2.03	2.85	---	2.88	8.12	9.03	0.58	2.56	3.22	2.6	11.4	14.3	98	3.17	B	1280	A++	6.35	8.12	448
	2.0+2.0+2.5+4.2	1.56	1.56	1.96	3.29	---	2.98	8.37	9.13	0.61	2.69	3.22	2.7	11.9	14.3	98	3.11	B	1345	A++	6.31	8.37	465
	2.0+2.0+2.5+5.0	1.50	1.50	1.88	3.77	---	3.10	8.65	9.49	0.64	2.84	3.39	2.8	12.6	15.0	98	3.05	B	1420	A++	6.24	8.65	486
	2.0+2.0+2.5+6.0	1.44	1.44	1.80	4.32	---	3.24	9.00	9.94	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405	A++	6.38	9.00	494
	2.0+2.0+2.5+7.1	1.32	1.32	1.65	4.71	---	3.41	9.00	9.96	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6.39	9.00	493
	2.0+2.0+3.5+3.5	1.54	1.54	2.70	2.70	---	3.02	8.48	9.13	0.61	2.82	3.22	2.7	12.5	14.3	98	3.01	B	1410	A++	6.23	8.48	477
	2.0+2.0+3.5+4.2	1.49	1.49	2.61	3.13	---	3.13	8.72	9.32	0.64	2.95	3.36	2.8	13.1	14.9	98	2.96	C	1475	A++	6.22	8.72	491
	2.0+2.0+3.5+5.0	1.44	1.44	2.52	3.60	---	3.24	9.00	9.49	0.64	3.04	3.39	2.8	13.5	15.0	98	2.96	C	1520	A++	6.18	9.00	510
	2.0+2.0+3.5+6.0	1.33	1.33	2.34	4.00	---	3.39	9.00	9.95	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375	A++	6.32	9.00	499
	2.0+2.0+3.5+7.1	1.23	1.23	2.16	4.38	---	3.55	9.00	9.97	0.71	2.68	3.46	3.1	11.9	15.4	98	3.36	A	1340	A++	6.32	9.00	499
	2.0+2.0+4.2+4.2	1.45	1.45	3.03	3.03	---	3.23	8.96	9.33	0.64	3.09	3.36	2.8	13.7	14.9	98	2.90	C	1545	A++	6.19	8.96	507
	2.0+2.0+4.2+5.0	1.36	1.36	2.87	3.41	---	3.35	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520	A++	6.20	9.00	509
	2.0+2.0+4.2+6.0	1.27	1.27	2.66	3.80	---	3.49	9.00	9.96	0.68	2.81	3.46	3.0	12.5	15.4	98	3.20	A	1405	A++	6.32	9.00	499
	2.0+2.0+4.2+7.1	1.18	1.18	2.47	4.17	---	3.66	9.00	10.47	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6.32	9.00	499
	2.0+2.0+5.0+5.0	1.29	1.29	3.21	3.21	---	3.46	9.00	9.68	0.68	2.92	3.42	3.0	13.0	15.2	98	3.08	B	1460	A++	6.20	9.00	509

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
5MXS90E	2.0+2.0+5.0+6.0	1.20	1.20	3.00	3.60	---	3.61	9.00	10.45	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350	A++	6.32	9.00	499
	2.0+2.5+2.5+2.5	1.67	2.09	2.09	2.09	---	2.80	7.94	8.78	0.58	2.32	2.82	2.6	10.3	12.5	98	3.42	A	1160	A++	6.45	7.94	432
	2.0+2.5+2.5+3.5	1.57	1.98	1.98	2.77	---	2.95	8.30	9.12	0.61	2.69	3.22	2.7	11.9	14.3	98	3.09	B	1345	A++	6.29	8.30	462
	2.0+2.5+2.5+4.2	1.53	1.91	1.91	3.19	---	3.05	8.54	9.31	0.61	2.82	3.36	2.7	12.5	14.9	98	3.03	B	1410	A++	6.28	8.54	476
	2.0+2.5+2.5+5.0	1.46	1.84	1.84	3.68	---	3.17	8.82	9.49	0.64	2.90	3.39	2.8	12.9	15.0	98	3.04	B	1450	A++	6.22	8.82	497
	2.0+2.5+2.5+6.0	1.39	1.73	1.73	4.15	---	3.32	9.00	9.94	0.65	2.75	3.46	2.9	12.2	15.4	98	3.27	A	1375	A++	6.39	9.00	494
	2.0+2.5+2.5+7.1	1.27	1.60	1.60	4.53	---	3.48	9.00	9.96	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340	A++	6.39	9.00	493
	2.0+2.5+3.5+3.5	1.50	1.89	2.63	2.63	---	3.10	8.65	9.31	0.64	2.88	3.36	2.8	12.8	14.9	98	3.00	B	1440	A++	6.22	8.65	487
	2.0+2.5+3.5+4.2	1.46	1.82	2.55	3.06	---	3.20	8.89	9.32	0.64	3.08	3.36	2.8	13.7	14.9	98	2.89	C	1540	A++	6.20	8.89	502
	2.0+2.5+3.5+5.0	1.39	1.73	2.42	3.46	---	3.32	9.00	9.49	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520	A++	6.20	9.00	509
	2.0+2.5+3.5+6.0	1.28	1.61	2.25	3.86	---	3.46	9.00	9.95	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375	A++	6.32	9.00	499
	2.0+2.5+3.5+7.1	1.19	1.49	2.09	4.23	---	3.63	9.00	10.42	0.71	2.68	4.01	3.1	11.9	17.8	98	3.36	A	1340	A++	6.32	9.00	499
	2.0+2.5+4.2+4.2	1.40	1.74	2.93	2.93	---	3.30	9.00	9.33	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.20	9.00	508
	2.0+2.5+4.2+5.0	1.32	1.64	2.76	3.28	---	3.42	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520	A++	6.20	9.00	509
	2.0+2.5+4.2+6.0	1.23	1.53	2.57	3.67	---	3.57	9.00	10.41	0.71	2.81	4.00	3.1	12.5	17.7	98	3.20	A	1405	A++	6.33	9.00	498
	2.0+2.5+5.0+5.0	1.25	1.55	3.10	3.10	---	3.54	9.00	9.68	0.71	2.92	3.42	3.1	13.0	15.2	98	3.08	B	1460	A++	6.20	9.00	509
	2.0+2.5+5.0+6.0	1.17	1.45	2.90	3.48	---	3.69	9.00	10.49	0.71	2.70	3.96	3.1	12.0	17.6	98	3.33	A	1350	A++	6.32	9.00	499
	2.0+3.5+3.5+3.5	1.44	2.52	2.52	2.52	---	3.24	9.00	9.32	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.14	9.00	514
	2.0+3.5+3.5+4.2	1.36	2.39	2.39	2.86	---	3.35	9.00	9.33	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.14	9.00	514
	2.0+3.5+3.5+5.0	1.29	2.25	2.25	3.21	---	3.46	9.00	9.50	0.71	3.04	3.39	3.1	13.5	15.0	98	2.96	C	1520	A++	6.14	9.00	514
	2.0+3.5+3.5+6.0	1.20	2.10	2.10	3.60	---	3.61	9.00	10.40	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6.26	9.00	504
	2.0+3.5+4.2+4.2	1.29	2.27	2.72	2.72	---	3.45	9.00	9.33	0.71	3.16	3.37	3.1	14.0	15.0	98	2.85	C	1580	A++	6.15	9.00	513
	2.0+3.5+4.2+5.0	1.23	2.14	2.57	3.06	---	3.57	9.00	10.00	0.71	3.04	3.99	3.1	13.5	17.7	98	2.96	C	1520	A++	6.14	9.00	513
	2.0+3.5+5.0+5.0	1.17	2.03	2.90	2.90	---	3.69	9.00	10.26	0.75	2.92	4.19	3.3	13.0	18.6	98	3.08	B	1460	A++	6.14	9.00	514
	2.0+4.2+4.2+4.2	1.23	2.59	2.59	2.59	---	3.55	9.00	9.34	0.71	3.16	3.37	3.1	14.0	15.0	98	2.85	C	1580	A++	6.15	9.00	513
	2.0+4.2+4.2+5.0	1.18	2.45	2.45	2.92	---	3.67	9.00	10.01	0.75	3.04	3.99	3.3	13.5	17.7	98	2.96	C	1520	A++	6.15	9.00	513
	2.5+2.5+2.5+2.5	2.03	2.03	2.03	2.03	---	2.88	8.12	9.03	0.58	2.56	3.22	2.6	11.4	14.3	98	3.17	B	1280	A++	6.43	8.12	443
	2.5+2.5+2.5+3.5	1.93	1.93	1.93	2.68	---	3.02	8.47	9.12	0.61	2.82	3.22	2.7	12.5	14.3	98	3.00	B	1410	A++	6.29	8.47	472
	2.5+2.5+2.5+4.2	1.87	1.86	1.86	3.13	---	3.13	8.72	9.31	0.64	2.95	3.36	2.8	13.1	14.9	98	2.96	C	1475	A++	6.29	8.72	486
	2.5+2.5+2.5+5.0	1.80	1.80	1.80	3.60	---	3.24	9.00	9.49	0.64	3.04	3.39	2.8	13.5	15.0	98	2.96	C	1520	A++	6.21	9.00	508
	2.5+2.5+2.5+6.0	1.67	1.67	1.67	3.99	---	3.39	9.00	9.94	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375	A++	6.39	9.00	493
	2.5+2.5+2.5+7.1	1.54	1.54	1.54	4.38	---	3.55	9.00	9.96	0.71	2.68	3.46	3.1	11.9	15.4	98	3.36	A	1340	A++	6.39	9.00	493
	2.5+2.5+3.5+3.5	1.84	1.84	2.57	2.57	---	3.17	8.82	9.31	0.64	3.02	3.36	2.8	13.4	14.9	98	2.92	C	1510	A++	6.22	8.82	497
	2.5+2.5+3.5+4.2	1.77	1.77	2.48	2.98	---	3.27	9.00	9.32	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.20	9.00	509
	2.5+2.5+3.5+5.0	1.67	1.67	2.33	3.33	---	3.39	9.00	9.49	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520	A++	6.20	9.00	509
	2.5+2.5+3.5+6.0	1.55	1.55	2.18	3.72	---	3.54	9.00	9.95	0.71	2.75	3.46	3.1	12.2	15.4	98	3.27	A	1375	A++	6.32	9.00	499
	2.5+2.5+3.5+7.1	1.44	1.44	2.02	4.10	---	3.70	9.00	10.42	0.71	2.68	4.01	3.1	11.9	17.8	98	3.36	A	1340	A++	6.32	9.00	499
	2.5+2.5+4.2+4.2	1.68	1.68	2.82	2.82	---	3.38	9.00	9.33	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.20	9.00	508
	2.5+2.5+4.2+5.0	1.58	1.58	2.67	3.17	---	3.49	9.00	9.50	0.71	3.04	3.39	3.1	13.5	15.0	98	2.96	C	1520	A++	6.20	9.00	508
	2.5+2.5+4.2+6.0	1.48	1.48	2.49	3.55	---	3.64	9.00	10.47	0.71	2.81	4.00	3.1	12.5	17.7	98	3.20	A	1405	A++	6.32	9.00	499
	2.5+2.5+5.0+5.0	1.50	1.50	3.00	3.00	---	3.61	9.00	10.25	0.71	2.92	4.18	3.1	13.0	18.5	98	3.08	B	1460	A++	6.20	9.00	509
	2.5+3.5+3.5+3.5	1.74	2.42	2.42	2.42	---	3.32	9.00	9.34	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575	A++	6.14	9.00	514
	2.5+3.5+3.5+4.2	1.64	2.30	2.30	2.76	---	3.42	9.00	9.33	0.71	3.15	3.36	3.1	14.0	14.9	98	2.86	C	1575	A++	6.14	9.00	513
	2.5+3.5+3.5+5.0	1.56	2.17	2.17	3.10	---	3.54	9.00	9.50	0.71	3.04	3.39	3.1	13.5	15.0	98	2.96	C	1520	A++	6.14	9.00	514
	2.5+3.5+3.5+6.0	1.46	2.03	2.03	3.48	---	3.69	9.00	10.40	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6.26	9.00	504
	2.5+3.5+4.2+4.2	1.56	2.18	2.63	2.63	---	3.52	9.00	9.33	0.71	3.16	3.37	3.1	14.0	15.0	98	2.85	C	1580	A++	6.15	9.00	513
	2.5+3.5+4.2+5.0	1.48	2.07	2.49	2.96	---	3.64	9.00	10.00	0.75	3.04	3.99	3.3	13.5	17.7	98	2.96	C	1520	A++	6.15	9.00	513
	2.5+4.2+4.2+4.2	1.50	2.50	2.50	2.50	---	3.63	9.00	9.83	0.75	3.16	3.95	3.3	14.0	17.5	98	2.85	C	1580	A++	6.15	9.00	513
	3.5+3.5+3.5+3.5	2.25	2.25	2.25	2.25	---	3.46	9.00	9.32	0.71	3.15	3.36	3.1	14.0	14.9	98	2.86	C	1575	A+	6.08	9.00	518
	3.5+3.5+3.5+4.2	2.14	2.14	2.14	2.58	---	3.57	9.00	9.82	0.75	3.16	3.95	3.3	14.0	17.5	98	2.85	C	1580	A+	6.08	9.00	518
	3.5+3.5+3.5+5.0	2.03	2.03	2.03	2.91	---	3.69	9.00	9.95	0.75	3.04	3.91	3.3	13.5	17.3	98	2.96	C	1520	A+	6.08	9.00	518
	3.5+3.5+4.2+4.2	2.05	2.05	2.45	2.45	---	3.67	9.00	9.83	0.75	3.16	3.95	3.3	14.0	17.5	98	2.85	C	1580	A+	6.08	9.00	518
	1.5+1.5+1.5+1.5+1.5	1.45	1.45	1.45	1.45	1.45	2.51	7.24	7.64	0.52	1.79	2.01	2.3	7.9	8.9	98	4.04	A	895	A++	6.39	7.24	397
	1.5+1.5+1.5+1.5+2.0	1.39	1.39	1.39	1.39	1.86	2.58	7.42	7.96	0.52	1.90	2.18	2.3	8.4	9.7	98	3.91	A	950	A++	6.40	7.42	407
	1.5+1.5+1.5+1.5+2.5	1.34	1.34	1.34	1.34	2.23	2.66	7.59	8.25	0.55	2.01	2.36	2.4	8.9	10.5	98	3.78	A	1005	A++	6.41	7.59	415
	1.5+1.5+1.5+1.5+3.5	1.25	1.25	1.25	1.25	2.93	2.80	7.94	8.78	0.58	2.18	2.68	2.6	9.7	11.9	98	3.64	A	1090	A++	6.29	7.94	442
	1.5+1.5+1.5+1.5+4.2	1.20	1.20	1.20	1.20	3.37	2.91	8.19	9.12	0.58	2.30	2.88	2.6	10.2	12.8	98	3.56	A	1150	A++	6.29	8.19	456
	1.5+1.5+1.5+1.5+5.0	1.16	1.16	1.16	1.16	3.85	3.02	8.47	9.45	0.61	2.37	2.97	2.7	10.5	13.2	98	3.57	A	1185	A++	6.29	8.47	472
	1.5+1.5+1.5+1.5+6.0	1.10	1.10	1.10	1.10	4.41	3.17	8.82	9.81	0.62	2.40	3.02	2.8	10.6	13.4	98	3.68	A	1200	A++	6.27	8.82	493
	1.5+1.5+1.5+1.5+7.1	1.03	1.03	1.03	1.03	4.88	3.33	9.00	10.12	0.65	2.47	3.17	2.9	11.0	14.1	98	3.64	A	1235	A++	6.25	9.00	505
	1.5+1.5+1.5+2.0+2.0	1.34	1.34	1.34	1.79	1.79	2.66	7.59	8.25	0.55	2.01	2.36	2.4	8.9	10.5	98	3.78	A	1005	A++	6.42	7.59	414
	1.5+1.5+1.5+2.0+2.5	1.30	1.30	1.30	1.73	2.16	2.73	7.77	8.53	0.55	2.06	2.49	2.4	9.1	11.0	98	3.77	A	1030	A++	6.42	7.78	425
	1.5+1.5+1.5+2.0+3.5	1.22	1.22	1.22	1.62	2.84	2.88	8.12	9.03	0.58	2.24	2.81	2.6	9.9	12.5	98	3.63	A	1120	A++	6.31	8.12	451
	1.5+1.5+1.5+2.0+4.2	1.17	1.17	1.17	1.56	3.29	2.98	8.37	9.33	0.58	2.42	3.02	2.6	10.7	13.4	98	3.46	A	1210	A++	6.31	8.37	465
	1.5+1.5+1.5+2.0+5.0	1.13	1.13	1.13	1.50	3.76	3.10	8.65	9.64	0.61	2.50	3.12	2.7	11.1	13.8	98	3.46	A	1250	A++	6.27	8.65	483
	1.5+1.5+1.5+2.0+6.0	1.08	1.08	1.08	1.44	4.32	3.24	9.00	9.96	0.62	2.46	3.09	2.8	10.9	13.7	98	3.66	A	1230	A++	6.25	9.00	505
	1.5+1.5+1.5+2.0+7.1	0.99	0.99	0.99	1.32	4.70	3.41	9.00	10.23	0.65	2.47	3.33	2.9	11.0	14.8	98	3.64	A	1235	A++	6.25	9.00	505
	1.5+1.5+1.5+2.5+2.5	1.25	1.25	1.25	2.09	2.09	2.80	7.94	8.78	0.58	2.18	2.68	2.6	9.7	11.9	98	3.64	A	1090	A++	6.39	7.94	436
	1.5+1.5+1.5+2.5+3.5	1.19	1.19	1.19	1.98	2.77	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180	A++	6.31	8.30	461
	1.5+1.5+1.5+2.5+4.2	1.14	1.14	1.14	1.91	3.20	3.05	8.54	9.53	0.61	2.49	3.17	2.7	11.0	14.1	98	3.43	A	1245	A++	6.30	8.54	475
	1.5+1.5+1.5+2.5+5.0	1.10	1.10	1.10	1.84	3.68	3.17	8.82	9.81	0.61	2.56	3.26	2.7	11.4	14.5	98	3.45	A	1280	A++	6.24	8.82	495
	1.5+1.5+1.5+2.5+6.0	1.04	1.04	1.04	1.73	4.15	3.32	9.00	10.09	0.65	2.46	3.17	2.9	10.9	14.1	98	3.66	A	1230	A++	6.25	9.00	505
	1.5+1.5+1.5+2.5+7.1	0.96	0.96	0.96	1.60	4.53	3.48	9.00	10.32	0.65	2.47	3.33	2.9	11.0	14.8	98	3.64	A	1235	A++	6.25	9.00	505
	1.5+1.5+1.5+3.5+3.5	1.13	1.13	1.13	2.63	2.63	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275	A++	6.20	8.65	489
	1.5+1.5+1.5+3.5+4.2	1.09	1.09	1.09	2.55	3.06	3.20	8.89	9.87	0.65	2.68	3.39	2.9	11.9	15.0	98	3.32	A	1340	A++	6.18	8.89	504
	1.5+1.5+1.5+3.5+5.0	1.04	1.04	1.04	2.42	3.46	3.32	9.00	10.09	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350	A++	6.18	9.00	511
	1.5+1.5+1.5+3.5+6.0	0.96	0.96	0.96	2.25	3.86	3.46	9.00	10.31	0.65	2.46	3.32	2.9	10.9	14.7	98	3.66	A	1230	A++	6.18	9.00	510
	1.5+1.5+1.5+3.5+7.1	0.89	0.89	0.89	2.09	4.23	3.63	9.00	10.46	0.68	2.47	3.48	3.0	11.0	15.4	98	3.64	A	1235	A++	6.18	9.00	511
	1.5+1.5+1.5+4.2+4.2	1.05	1.05	1.05	2.93	2.93	3.30	9.00	9.99	0.65	2.75	3.47	2.9	12.2	15.4	98	3.27	A	1375	A++	6.18	9.00	510
	1.5+1.5+1.5+4.2+5.0	0.99	0.99	0.99	2.76	3.28	3.42	9.00	10.16	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350	A++	6.18	9.00	510
	1.5+1.5+1.5+4.2+6.0	0.92	0.92	0.92	2.57	3.67	3.57	9.00	10.41	0.68	2.47	3.40	3.0	11.0	15.1	98	3.64	A	1235	A++	6.18	9.00	510
	1.5+1.5+1.5+5.0+5.0	0.93	0.93	0.93	3.10	3.10	3.54	9.00	10.34	0.68	2.58	3.52	3.0	11.4	15.6	98	3.49	A	1290	A++	6.18	9.00	511
	1.5+1.5+1.5+5.0+6.0	0.87	0.87	0.87	2.90	3.48	3.69	9.00	10.49	0.68	2.41	3.35	3.0	10.7	14.9	98	3.73	A	1205	A++	6.18	9.00	510

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
5MXS90E	1.5+1.5+2.0+2.0+2.0	1.30	1.30	1.73	1.73	1.73	2.73	7.77	8.53	0.55	2.06	2.49	2.4	9.1	11.0	98	3.77	A	1030	A++	6,42	7,78	424
	1.5+1.5+2.0+2.0+2.5	1.25	1.25	1.67	1.67	2.09	2.80	7.94	8.78	0.58	2.18	2.68	2.6	9.7	11.9	98	3.64	A	1090	A++	6,39	7,94	435
	1.5+1.5+2.0+2.0+3.5	1.19	1.19	1.58	1.58	2.77	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180	A++	6,32	8,30	460
	1.5+1.5+2.0+2.0+4.2	1.14	1.14	1.53	1.53	3.20	3.05	8.54	9.53	0.61	2.49	3.17	2.7	11.0	14.1	98	3.43	A	1245	A++	6,31	8,54	474
	1.5+1.5+2.0+2.0+5.0	1.10	1.10	1.47	1.47	3.68	3.17	8.82	9.81	0.61	2.56	3.26	2.7	11.4	14.5	98	3.45	A	1280	A++	6,25	8,82	495
	1.5+1.5+2.0+2.0+6.0	1.04	1.04	1.38	1.38	4.15	3.32	9.00	10.09	0.65	2.46	3.17	2.9	10.9	14.1	98	3.66	A	1230	A++	6,24	9,00	505
	1.5+1.5+2.0+2.0+7.1	0.96	0.96	1.28	1.28	4.53	3.48	9.00	10.32	0.65	2.47	3.33	2.9	11.0	14.8	98	3.64	A	1235	A++	6,24	9,00	506
	1.5+1.5+2.0+2.5+2.5	1.22	1.22	1.62	2.03	2.03	2.88	8.12	9.03	0.58	2.24	2.81	2.6	9.9	12.5	98	3.63	A	1120	A++	6,39	8,12	445
	1.5+1.5+2.0+2.5+3.5	1.16	1.16	1.54	1.93	2.70	3.02	8.47	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245	A++	6,30	8,47	471
	1.5+1.5+2.0+2.5+4.2	1.12	1.12	1.49	1.86	3.13	3.13	8.72	9.71	0.61	2.62	3.31	2.7	11.6	14.7	98	3.33	A	1310	A++	6,29	8,72	486
	1.5+1.5+2.0+2.5+5.0	1.08	1.08	1.44	1.80	3.60	3.24	9.00	9.96	0.65	2.70	3.41	2.9	12.0	15.1	98	3.33	A	1350	A++	6,25	9,00	505
	1.5+1.5+2.0+2.5+6.0	1.00	1.00	1.33	1.67	4.00	3.39	9.00	10.21	0.65	2.46	3.32	2.9	10.9	14.7	98	3.66	A	1230	A++	6,24	9,00	505
	1.5+1.5+2.0+2.5+7.1	0.92	0.92	1.23	1.54	4.38	3.55	9.00	10.40	0.68	2.47	3.40	3.0	11.0	15.1	98	3.64	A	1235	A++	6,24	9,00	506
	1.5+1.5+2.0+3.5+3.5	1.10	1.10	1.47	2.57	2.57	3.17	8.82	9.81	0.61	2.68	3.39	2.7	11.9	15.0	98	3.29	A	1340	A++	6,20	8,82	498
	1.5+1.5+2.0+3.5+4.2	1.06	1.06	1.42	2.48	2.98	3.27	9.00	9.98	0.65	2.75	3.46	2.9	12.2	15.4	98	3.27	A	1375	A++	6,18	9,00	510
	1.5+1.5+2.0+3.5+5.0	1.00	1.00	1.33	2.33	3.33	3.39	9.00	10.16	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350	A++	6,18	9,00	510
	1.5+1.5+2.0+3.5+6.0	0.93	0.93	1.24	2.17	3.72	3.54	9.00	10.38	0.68	2.46	3.40	3.0	10.9	15.1	98	3.66	A	1230	A++	6,18	9,00	511
	1.5+1.5+2.0+3.5+7.1	0.87	0.87	1.15	2.02	4.10	3.70	9.00	10.50	0.71	2.47	3.48	3.1	11.0	15.4	98	3.64	A	1235	A++	6,17	9,00	511
	1.5+1.5+2.0+4.2+4.2	1.01	1.01	1.34	2.82	2.82	3.38	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375	A++	6,18	9,00	510
	1.5+1.5+2.0+4.2+5.0	0.95	0.95	1.27	2.66	3.17	3.49	9.00	10.16	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350	A++	6,18	9,00	510
	1.5+1.5+2.0+4.2+6.0	0.89	0.89	1.18	2.49	3.55	3.64	9.00	10.47	0.68	2.47	3.48	3.0	11.0	15.4	98	3.64	A	1235	A++	6,17	9,00	511
	1.5+1.5+2.0+5.0+5.0	0.90	0.90	1.20	3.00	3.00	3.61	9.00	10.45	0.68	2.58	3.68	3.0	11.4	16.3	98	3.49	A	1290	A++	6,18	9,00	510
	1.5+1.5+2.5+2.5+2.5	1.19	1.19	1.98	1.98	1.98	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180	A++	6,39	8,30	455
	1.5+1.5+2.5+2.5+3.5	1.13	1.13	1.88	1.88	2.63	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275	A++	6,30	8,65	481
	1.5+1.5+2.5+2.5+4.2	1.09	1.09	1.82	1.82	3.06	3.20	8.89	9.87	0.65	2.68	3.39	2.9	11.9	15.0	98	3.32	A	1340	A++	6,24	8,89	499
	1.5+1.5+2.5+2.5+5.0	1.04	1.04	1.73	1.73	3.46	3.32	9.00	10.09	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350	A++	6,25	9,00	505
	1.5+1.5+2.5+2.5+6.0	0.96	0.96	1.61	1.61	3.86	3.46	9.00	10.31	0.65	2.46	3.40	2.9	10.9	15.1	98	3.66	A	1230	A++	6,24	9,00	505
	1.5+1.5+2.5+2.5+7.1	0.89	0.89	1.49	1.49	4.23	3.63	9.00	10.46	0.68	2.47	3.48	3.0	11.0	15.4	98	3.64	A	1235	A++	6,24	9,00	506
	1.5+1.5+2.5+3.5+3.5	1.08	1.08	1.80	2.52	2.52	3.24	9.00	9.96	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410	A++	6,18	9,00	510
	1.5+1.5+2.5+3.5+4.2	1.02	1.02	1.70	2.39	2.86	3.35	9.00	9.98	0.65	2.75	3.46	2.9	12.2	15.4	98	3.27	A	1375	A++	6,18	9,00	510
	1.5+1.5+2.5+3.5+5.0	0.96	0.96	1.61	2.25	3.21	3.46	9.00	10.16	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350	A++	6,18	9,00	510
	1.5+1.5+2.5+3.5+6.0	0.90	0.90	1.50	2.10	3.60	3.61	9.00	10.45	0.68	2.46	3.48	3.0	10.9	15.4	98	3.66	A	1230	A++	6,17	9,00	511
	1.5+1.5+2.5+4.2+4.2	0.97	0.97	1.62	2.72	2.72	3.45	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375	A++	6,18	9,00	510
	1.5+1.5+2.5+4.2+5.0	0.92	0.92	1.53	2.57	3.06	3.57	9.00	10.41	0.68	2.70	3.81	3.0	12.0	16.9	98	3.33	A	1350	A++	6,18	9,00	510
	1.5+1.5+2.5+5.0+5.0	0.87	0.87	1.45	2.90	2.90	3.69	9.00	10.49	0.71	2.58	3.68	3.1	11.4	16.3	98	3.49	A	1290	A++	6,18	9,00	510
	1.5+1.5+3.5+3.5+3.5	1.00	1.00	2.33	2.33	2.33	3.39	9.00	9.98	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6,12	9,00	515
	1.5+1.5+3.5+3.5+4.2	0.95	0.95	2.22	2.22	2.66	3.49	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375	A++	6,12	9,00	515
	1.5+1.5+3.5+3.5+5.0	0.90	0.90	2.10	2.10	3.00	3.61	9.00	10.45	0.71	2.70	3.80	3.1	12.0	16.9	98	3.33	A	1350	A++	6,12	9,00	515
	1.5+1.5+3.5+4.2+4.2	0.91	0.91	2.11	2.54	2.54	3.60	9.00	10.44	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6,12	9,00	515
	1.5+2.0+2.0+2.0+2.0	1.25	1.67	1.67	1.67	1.67	2.80	7.94	8.78	0.58	2.18	2.68	2.6	9.7	11.9	98	3.64	A	1090	A++	6,41	7,94	434
	1.5+2.0+2.0+2.0+2.5	1.22	1.62	1.62	1.62	2.03	2.88	8.12	9.03	0.58	2.24	2.81	2.6	9.9	12.5	98	3.63	A	1120	A++	6,39	8,12	445
	1.5+2.0+2.0+2.0+3.5	1.16	1.54	1.54	1.54	2.70	3.02	8.47	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245	A++	6,32	8,47	470
	1.5+2.0+2.0+2.0+4.2	1.12	1.49	1.49	1.49	3.13	3.13	8.72	9.71	0.61	2.62	3.31	2.7	11.6	14.7	98	3.33	A	1310	A++	6,29	8,72	486
	1.5+2.0+2.0+2.0+5.0	1.08	1.44	1.44	1.44	3.60	3.24	9.00	9.96	0.65	2.70	3.41	2.9	12.0	15.1	98	3.33	A	1350	A++	6,24	9,00	505
	1.5+2.0+2.0+2.0+6.0	1.00	1.33	1.33	1.33	4.00	3.39	9.00	10.21	0.65	2.46	3.32	2.9	10.9	14.7	98	3.66	A	1230	A++	6,24	9,00	506
	1.5+2.0+2.0+2.0+7.1	0.92	1.23	1.23	1.23	4.38	3.55	9.00	10.40	0.68	2.47	3.40	3.0	11.0	15.1	98	3.64	A	1235	A++	6,23	9,00	506
	1.5+2.0+2.0+2.5+2.5	1.19	1.58	1.58	1.98	1.98	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180	A++	6,39	8,30	455
	1.5+2.0+2.0+2.5+3.5	1.13	1.50	1.50	1.88	2.63	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275	A++	6,30	8,65	481
	1.5+2.0+2.0+2.5+4.2	1.09	1.46	1.46	1.82	3.06	3.20	8.89	9.87	0.65	2.68	3.39	2.9	11.9	15.0	98	3.32	A	1340	A++	6,24	8,89	499
	1.5+2.0+2.0+2.5+5.0	1.04	1.38	1.38	1.73	3.46	3.32	9.00	10.09	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350	A++	6,25	9,00	505
	1.5+2.0+2.0+2.5+6.0	0.96	1.29	1.29	1.61	3.86	3.46	9.00	10.31	0.65	2.46	3.40	2.9	10.9	15.1	98	3.66	A	1230	A++	6,23	9,00	506
	1.5+2.0+2.0+2.5+7.1	0.89	1.19	1.19	1.49	4.23	3.63	9.00	10.46	0.68	2.47	3.48	3.0	11.0	15.4	98	3.64	A	1235	A++	6,23	9,00	506
	1.5+2.0+2.0+3.5+3.5	1.08	1.44	1.44	2.52	2.52	3.24	9.00	9.96	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410	A++	6,18	9,00	510
	1.5+2.0+2.0+3.5+4.2	1.02	1.36	1.36	2.39	2.86	3.35	9.00	9.98	0.65	2.75	3.46	2.9	12.2	15.4	98	3.27	A	1375	A++	6,18	9,00	510
	1.5+2.0+2.0+3.5+5.0	0.96	1.29	1.29	2.25	3.21	3.46	9.00	10.16	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350	A++	6,18	9,00	510
	1.5+2.0+2.0+3.5+6.0	0.90	1.20	1.20	2.10	3.60	3.61	9.00	10.45	0.68	2.46	3.48	3.0	10.9	15.4	98	3.66	A	1230	A++	6,17	9,00	511
	1.5+2.0+2.0+4.2+4.2	0.97	1.29	1.29	2.72	2.72	3.45	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375	A++	6,18	9,00	510
	1.5+2.0+2.0+4.2+5.0	0.92	1.22	1.22	2.57	3.06	3.57	9.00	10.41	0.68	2.70	3.81	3.0	12.0	16.9	98	3.33	A	1350	A++	6,18	9,00	510
	1.5+2.0+2.0+5.0+5.0	0.87	1.16	1.16	2.90	2.90	3.69	9.00	10.49	0.71	2.58	3.68	3.1	11.4	16.3	98	3.49	A	1290	A++	6,18	9,00	510
	1.5+2.0+2.5+2.5+2.5	1.16	1.54	1.93	1.93	1.93	3.02	8.47	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245	A++	6,39	8,47	465
	1.5+2.0+2.5+2.5+3.5	1.10	1.47	1.84	1.84	2.57	3.17	8.82	9.81	0.61	2.68	3.39	2.7	11.9	15.0	98	3.29	A	1340	A++	6,27	8,82	493
	1.5+2.0+2.5+2.5+4.2	1.06	1.42	1.77	1.77	2.98	3.27	9.00	9.97	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410	A++	6,25	9,00	505
	1.5+2.0+2.5+2.5+5.0	1.00	1.33	1.67	1.67	3.33	3.39	9.00	10.15	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350	A++	6,25	9,00	505
	1.5+2.0+2.5+2.5+6.0	0.93	1.24	1.55	1.55	3.72	3.54	9.00	10.38	0.68	2.46	3.40	3.0	10.9	15.1	98	3.66	A	1230	A++	6,23	9,00	506
	1.5+2.0+2.5+2.5+7.1	0.87	1.15	1.44	1.44	4.10	3.70	9.00	10.50	0.71	2.47	3.48	3.1	11.0	15.4	98	3.64	A	1235	A++	6,23	9,00	506
	1.5+2.0+2.5+3.5+3.5	1.04	1.38	1.73	2.42	2.42	3.32	9.00	9.97	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410	A++	6,18	9,00	510
	1.5+2.0+2.5+3.5+4.2	0.99	1.31	1.64	2.30	2.76	3.42	9.00	9.98	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375	A++	6,18	9,00	510
	1.5+2.0+2.5+3.5+5.0	0.93	1.24	1.55	2.17	3.10	3.54	9.00	10.16	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350	A++	6,18	9,00	510
	1.5+2.0+2.5+3.5+6.0	0.87	1.16	1.45	2.03	3.48	3.69	9.00	10.49	0.71	2.46	3.48	3.1	10.9	15.4	98	3.66	A	1230	A++	6,17	9,00	511
	1.5+2.0+2.5+4.2+4.2	0.94	1.25	1.56	2.63	2.63	3.52	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375	A++	6,18	9,00	510
	1.5+2.0+2.5+4.2+5.0	0.89	1.18	1.48	2.49	2.96	3.64	9.00	10.47	0.71	2.70	3.89	3.1	12.0	17.3	98	3.33	A	1350	A++	6,18	9,00	510
	1.5+2.0+3.5+3.5+3.5	0.96	1.29	2.25	2.25	2.25	3.46	9.00	9.98	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6,12	9,00	515
	1.5+2.0+3.5+3.5+4.2	0.92	1.22	2.14	2.14	2.57	3.57	9.00	10.41	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6,12	9,00	515
	1.5+2.0+3.5+3.5+5.0	0.87	1.16	2.03	2.03	2.90	3.69	9.00	10.49	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350	A++	6,12	9,00	515
	1.5+2.0+3.5+4.2+4.2	0.88	1.17	2.05	2.45	2.45	3.67	9.00	10.48	0.71	2.75	4.09	3.1	12.2	18.1	98	3.27	A	1375	A++	6,12	9,00	515
	1.5+2.5+2.5+2.5+2.5	1.13	1.88	1.88	1.88	1.88	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275	A++	6,37	8,65	476
	1.5+2.5+2.5+2.5+3.5	1.08	1.80	1.80	1.80	2.52	3.24	9.00	9.96	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405	A++	6,25	9,00	505
	1.5+2.5+2.5+2.5+4.2	1.02	1.70	1.70	1.70	2.86	3.35	9.00	9.97	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410	A++	6,25	9,00	505
	1.5+2.5+2.5+2.5+5.0	0.96	1.61	1.61	1.61	3.21	3.46	9.00	10.15	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350	A++	6,25	9,00	505
	1.5+2.5+2.5+2.5+6.0	0.90	1.50	1.50	1.50	3.60	3.61	9.00	10.45	0.68	2.46	3.48	3.0	10.9	15.4	98	3.66	A	1230	A++	6,23	9,00	506
	1.5+2.5+2.5+3.5+3.5	1.00	1.67	1.67	2.33	2.33	3.39	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6,18	9,00	510
	1.5+2.5+2.5+3.5+4.2	0.95	1.58	1.58	2.22	2.66	3.49	9.00	9.98	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375	A++	6,18	9,00	510
	1.5+2.5+2.5+3.5+5.0	0.90	1.50	1.50	2.10	3.00	3.61	9.00	10.45	0.71	2.70	3.80	3.1	12.0	16.9	98	3.33	A	1350	A++	6,18	9,00	510

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Cooling

Outdoor unit	Indoor unit	Cooling capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	EER	Energy label	AEC (kWh)	Seasonal data			
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					Label	SEER	Pdesign	AEC
5MXS90E	1.5+2.5+2.5+4.2+4.2	0.91	1.51	1.51	2.54	2.54	3.60	9.00	10.44	0.71	2.75	4.09	3.1	12.2	18.1	98	3.27	A	1375	A++	6.18	9.00	510
	1.5+2.5+3.5+3.5+3.5	0.93	1.55	2.17	2.17	2.17	3.54	9.00	9.98	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6.12	9.00	515
	1.5+2.5+3.5+3.5+4.2	0.89	1.48	2.07	2.07	2.49	3.64	9.00	10.47	0.71	2.75	4.09	3.1	12.2	18.1	98	3.27	A	1375	A++	6.12	9.00	515
	1.5+3.5+3.5+3.5+3.5	0.87	2.03	2.03	2.03	2.03	3.69	9.00	10.49	0.71	2.75	4.17	3.1	12.2	18.5	98	3.27	A	1375	A+	6.06	9.00	521
	2.0+2.0+2.0+2.0+2.0	1.63	1.63	1.63	1.63	1.63	2.88	8.15	9.03	0.58	2.30	2.81	2.6	10.2	12.5	98	3.54	A	1150	A++	6.40	8.15	446
	2.0+2.0+2.0+2.0+2.5	1.58	1.58	1.58	1.58	1.98	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180	A++	6.39	8.30	455
	2.0+2.0+2.0+2.0+3.5	1.50	1.50	1.50	1.50	2.65	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275	A++	6.30	8.65	481
	2.0+2.0+2.0+2.0+4.2	1.46	1.46	1.46	1.46	3.05	3.20	8.89	9.87	0.65	2.68	3.39	2.9	11.9	15.0	98	3.32	A	1340	A++	6.24	8.89	499
	2.0+2.0+2.0+2.0+5.0	1.38	1.38	1.38	1.38	3.48	3.32	9.00	10.09	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350	A++	6.25	9.00	505
	2.0+2.0+2.0+2.0+6.0	1.29	1.29	1.29	1.29	3.84	3.46	9.00	10.31	0.65	2.50	3.40	2.9	11.1	15.1	98	3.60	A	1250	A++	6.23	9.00	506
	2.0+2.0+2.0+2.0+7.1	1.19	1.19	1.19	1.19	4.24	3.63	9.00	10.46	0.68	2.47	3.48	3.0	11.0	15.4	98	3.64	A	1235	A++	6.21	9.00	508
	2.0+2.0+2.0+2.5+2.5	1.54	1.54	1.54	1.92	1.92	3.02	8.46	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245	A++	6.38	8.46	464
	2.0+2.0+2.0+2.5+3.5	1.47	1.47	1.47	1.84	2.57	3.17	8.82	9.81	0.61	2.68	3.39	2.7	11.9	15.0	98	3.29	A	1340	A++	6.27	8.82	493
	2.0+2.0+2.0+2.5+4.2	1.42	1.42	1.42	1.77	2.97	3.27	9.00	9.97	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410	A++	6.25	9.00	505
	2.0+2.0+2.0+2.5+5.0	1.33	1.33	1.33	1.67	3.34	3.39	9.00	10.15	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350	A++	6.25	9.00	505
	2.0+2.0+2.0+2.5+6.0	1.24	1.24	1.24	1.55	3.73	3.54	9.00	10.38	0.68	2.50	3.40	3.0	11.1	15.1	98	3.60	A	1250	A++	6.22	9.00	507
	2.0+2.0+2.0+2.5+7.1	1.15	1.15	1.15	1.44	4.11	3.70	9.00	10.50	0.71	2.47	3.48	3.1	11.0	15.4	98	3.64	A	1235	A++	6.21	9.00	508
	2.0+2.0+2.0+3.5+3.5	1.54	1.54	1.54	1.92	1.92	3.02	8.46	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245	A++	6.24	8.46	475
	2.0+2.0+2.0+3.5+4.2	1.31	1.31	1.31	2.31	2.76	3.42	9.00	9.98	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375	A++	6.18	9.00	510
	2.0+2.0+2.0+3.5+5.0	1.24	1.24	1.24	2.17	3.11	3.54	9.00	10.16	0.68	2.74	3.49	3.0	12.2	15.5	98	3.28	A	1370	A++	6.18	9.00	510
	2.0+2.0+2.0+3.5+6.0	1.16	1.16	1.16	2.03	3.49	3.69	9.00	10.49	0.71	2.46	3.48	3.1	10.9	15.4	98	3.66	A	1230	A++	6.15	9.00	513
	2.0+2.0+2.0+4.2+4.2	1.24	1.24	1.24	2.64	2.64	3.52	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375	A++	6.18	9.00	510
	2.0+2.0+2.0+4.2+5.0	1.18	1.18	1.18	2.50	2.96	3.64	9.00	10.47	0.71	2.70	3.89	3.1	12.0	17.3	98	3.33	A	1350	A++	6.18	9.00	510
	2.0+2.0+2.5+2.5+2.5	1.51	1.51	1.88	1.88	1.88	3.10	8.66	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.40	A	1275	A++	6.37	8.66	477
	2.0+2.0+2.5+2.5+3.5	1.44	1.44	1.80	1.80	2.52	3.24	9.00	9.96	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410	A++	6.25	9.00	505
	2.0+2.0+2.5+2.5+4.2	1.37	1.37	1.70	1.70	2.86	3.35	9.00	9.66	0.65	2.86	3.46	2.9	12.7	15.4	98	3.15	B	1430	A++	6.25	9.00	505
	2.0+2.0+2.5+2.5+5.0	1.29	1.29	1.61	1.61	3.20	3.46	9.00	10.15	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350	A++	6.25	9.00	505
	2.0+2.0+2.5+2.5+6.0	1.20	1.20	1.50	1.50	3.60	3.61	9.00	10.45	0.68	2.46	3.48	3.0	10.9	15.4	98	3.66	A	1230	A++	6.22	9.00	507
	2.0+2.0+2.5+3.5+3.5	1.33	1.33	1.68	2.33	2.33	3.39	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6.18	9.00	510
	2.0+2.0+2.5+3.5+4.2	1.27	1.27	1.58	2.22	2.66	3.49	9.00	9.66	0.68	2.79	3.46	3.0	12.4	15.4	98	3.23	A	1395	A++	6.18	9.00	510
	2.0+2.0+2.5+3.5+5.0	1.20	1.20	1.50	2.10	3.00	3.61	9.00	10.45	0.71	2.70	3.80	3.1	12.0	16.9	98	3.33	A	1350	A++	6.18	9.00	510
	2.0+2.0+2.5+4.2+4.2	1.21	1.21	1.50	2.54	2.54	3.60	9.00	10.44	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6.18	9.00	510
	2.0+2.0+3.5+3.5+3.5	1.23	1.23	2.18	2.18	2.18	3.54	9.00	9.98	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6.12	9.00	515
	2.0+2.0+3.5+3.5+4.2	1.18	1.18	2.07	2.07	2.50	3.64	9.00	10.47	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6.12	9.00	515
	2.0+2.5+2.5+2.5+2.5	1.46	1.84	1.84	1.84	1.84	3.17	8.82	9.81	0.61	2.68	3.39	2.7	11.9	15.0	98	3.29	A	1340	A++	6.34	8.82	488
	2.0+2.5+2.5+2.5+3.5	1.39	1.73	1.73	1.73	2.42	3.32	9.00	9.96	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410	A++	6.25	9.00	505
	2.0+2.5+2.5+2.5+4.2	1.32	1.64	1.64	1.64	2.76	3.42	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6.25	9.00	505
	2.0+2.5+2.5+2.5+5.0	1.25	1.55	1.55	1.55	3.10	3.54	9.00	10.15	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350	A++	6.25	9.00	505
	2.0+2.5+2.5+2.5+6.0	1.17	1.45	1.45	1.45	3.48	3.69	9.00	10.49	0.71	2.46	3.48	3.1	10.9	15.4	98	3.66	A	1230	A++	6.22	9.00	507
	2.0+2.5+2.5+3.5+3.5	1.28	1.61	1.61	2.25	2.25	3.46	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6.18	9.00	510
	2.0+2.5+2.5+3.5+4.2	1.23	1.53	1.53	2.14	2.57	3.57	9.00	10.41	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6.18	9.00	510
	2.0+2.5+2.5+3.5+5.0	1.17	1.45	1.45	2.03	2.90	3.69	9.00	10.49	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350	A++	6.18	9.00	510
	2.0+2.5+2.5+4.2+4.2	1.18	1.46	1.46	2.45	2.45	3.64	9.00	10.47	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6.18	9.00	510
	2.0+2.5+3.5+3.5+3.5	1.20	1.50	2.10	2.10	2.10	3.61	9.00	10.42	0.71	2.82	4.01	3.1	12.5	17.8	98	3.19	B	1410	A++	6.12	9.00	515
	2.5+2.5+2.5+2.5+2.5	1.80	1.80	1.80	1.80	1.80	3.24	9.00	9.95	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405	A++	6.31	9.00	499
	2.5+2.5+2.5+2.5+3.5	1.67	1.67	1.67	1.67	2.32	3.39	9.00	9.96	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375	A++	6.25	9.00	505
	2.5+2.5+2.5+2.5+4.2	1.58	1.58	1.58	1.58	2.68	3.49	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6.25	9.00	505
	2.5+2.5+2.5+2.5+5.0	1.50	1.50	1.50	1.50	3.00	3.61	9.00	10.45	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350	A++	6.25	9.00	505
	2.5+2.5+2.5+3.5+3.5	1.56	1.56	1.56	2.16	2.16	3.54	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410	A++	6.18	9.00	510
	2.5+2.5+2.5+3.5+4.2	1.48	1.48	1.48	2.07	2.49	3.64	9.00	10.47	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6.18	9.00	510
	2.5+2.5+3.5+3.5+3.5	1.44	1.44	2.04	2.04	2.04	3.69	9.00	10.42	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375	A++	6.12	9.00	515

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
5MXS90E	1.5+1.5	1.83	1.83	---	---	---	1.48	3.66	5.75	0.39	0.91	1.48	1.7	4.0	6.6	98	4.02	A	A	3.85	3.41	1239	0.63
	1.5+2.0	1.83	2.44	---	---	---	1.54	4.27	5.75	0.37	1.04	1.48	1.6	4.6	6.6	98	4.11	A	A	3.85	3.47	1262	0.62
	1.5+2.5	1.83	3.05	---	---	---	1.69	4.88	7.46	0.39	1.21	2.09	1.7	5.4	9.3	98	4.03	A	A	3.86	3.50	1269	0.64
	1.5+3.5	1.83	4.26	---	---	---	1.98	6.09	7.46	0.47	1.71	2.29	2.1	7.6	10.2	98	3.56	B	A	3.82	3.82	1399	0.68
	1.5+4.2	1.83	5.12	---	---	---	2.19	6.95	8.53	0.45	2.09	2.81	2.0	9.3	12.5	98	3.33	C	A	3.84	3.86	1409	0.72
	1.5+5.0	1.83	6.09	---	---	---	2.43	7.92	9.09	0.47	2.16	2.66	2.1	9.6	11.8	98	3.67	A	A	3.84	3.78	1377	0.71
	1.5+6.0	1.79	7.14	---	---	---	2.72	8.93	9.88	0.51	2.47	2.96	2.3	11.0	13.1	98	3.62	A	A	3.84	4.30	1567	0.81
	1.5+7.1	1.69	8.00	---	---	---	3.03	9.69	9.90	0.55	2.83	2.94	2.4	12.6	13.0	98	3.42	B	A	3.86	4.53	1643	0.84
	2.0+2.0	2.44	2.44	---	---	---	1.69	4.88	6.85	0.39	1.21	1.87	1.7	5.4	8.3	98	4.03	A	A	3.85	3.54	1289	0.68
	2.0+2.5	2.44	3.05	---	---	---	1.84	5.49	7.25	0.41	1.40	2.05	1.8	6.2	9.1	98	3.92	A	A	3.84	3.57	1303	0.64
	2.0+3.5	2.44	4.26	---	---	---	2.13	6.70	7.74	0.50	1.99	2.44	2.2	8.8	10.8	98	3.37	C	A	3.82	3.91	1432	0.70
	2.0+4.2	2.44	5.11	---	---	---	2.34	7.55	8.53	0.62	2.33	2.81	2.8	10.3	12.5	98	3.24	C	A	3.83	3.95	1446	0.74
	2.0+5.0	2.44	6.09	---	---	---	2.57	8.53	9.09	0.63	2.45	2.66	2.8	10.9	11.8	98	3.48	B	A	3.84	3.87	1412	0.73
	2.0+6.0	2.32	6.95	---	---	---	2.86	9.27	9.88	0.65	2.63	2.96	2.9	11.7	13.1	98	3.52	B	A	3.85	4.42	1606	0.87
	2.0+7.1	2.20	7.83	---	---	---	3.17	10.03	10.37	0.69	3.01	3.18	3.1	13.4	14.1	98	3.33	C	A	3.88	4.66	1684	0.90
	2.5+2.5	3.04	3.04	---	---	---	1.98	6.08	7.46	0.47	1.76	2.35	2.1	7.8	10.4	98	3.45	B	A	3.84	3.60	1312	0.67
	2.5+3.5	3.05	4.26	---	---	---	2.28	7.31	8.53	0.60	2.34	2.94	2.7	10.4	13.0	98	3.12	D	A	3.87	3.96	1434	0.75
	2.5+4.2	3.04	5.12	---	---	---	2.49	8.16	9.02	0.65	2.76	3.18	2.9	12.2	14.1	98	2.96	D	A	3.82	4.00	1465	0.72
	2.5+5.0	2.98	5.95	---	---	---	2.72	8.93	9.70	0.66	2.61	2.99	2.9	11.6	13.3	98	3.42	B	A	3.83	3.92	1435	0.71
	2.5+6.0	2.83	6.79	---	---	---	3.00	9.62	9.88	0.67	2.86	3.03	3.0	12.7	13.4	98	3.36	C	A	3.85	4.48	1629	0.86
	2.5+7.1	2.70	7.68	---	---	---	3.31	10.38	10.77	0.72	3.22	3.46	3.2	14.3	15.4	98	3.22	C	A	3.89	4.73	1701	0.91
	3.5+3.5	4.27	4.27	---	---	---	2.57	8.54	9.02	0.65	2.91	3.15	2.9	12.9	14.0	98	2.93	D	A	3.84	4.42	1610	0.87
	3.5+4.2	4.12	4.94	---	---	---	2.77	9.06	9.60	0.70	3.21	3.53	3.1	14.2	15.7	98	2.82	D	A	3.84	4.47	1630	0.85
	3.5+5.0	3.96	5.66	---	---	---	3.00	9.62	9.70	0.71	2.93	2.98	3.1	13.0	13.2	98	3.28	C	A	3.83	4.36	1595	0.81
	3.5+6.0	3.80	6.51	---	---	---	3.28	10.31	10.75	0.72	3.19	3.43	3.2	14.2	15.2	98	3.23	C	A	3.87	5.06	1830	0.97
	3.5+7.1	3.43	6.97	---	---	---	3.59	10.40	10.78	0.77	3.11	3.35	3.4	13.8	14.9	98	3.34	C	A	3.91	5.35	1917	1.00
	4.2+4.2	4.77	4.77	---	---	---	2.97	9.54	9.61	0.72	3.47	3.53	3.2	15.4	15.7	98	2.75	E	A	3.85	4.52	1644	0.83
	4.2+5.0	4.61	5.49	---	---	---	3.20	10.10	10.12	0.73	3.22	3.28	3.2	14.3	14.6	98	3.14	D	A	3.84	4.41	1607	0.86
	4.2+6.0	4.28	6.12	---	---	---	3.48	10.40	10.76	0.75	3.24	3.42	3.3	14.4	15.2	98	3.21	C	A	3.89	5.12	1845	0.97
	4.2+7.1	3.87	6.53	---	---	---	3.79	10.40	10.78	0.79	3.11	3.34	3.5	13.8	14.8	98	3.34	C	A	3.91	5.41	1940	1.00
	5.0+5.0	5.20	5.20	---	---	---	3.42	10.40	10.64	0.76	3.28	3.40	3.4	14.6	15.1	98	3.17	D	A	3.84	4.31	1573	0.82
	5.0+6.0	4.73	5.67	---	---	---	3.70	10.40	10.88	0.75	3.08	3.31	3.3	13.7	14.7	98	3.38	C	A	3.87	4.99	1806	0.97
	5.0+7.1	4.30	6.10	---	---	---	4.01	10.40	10.51	0.83	3.01	3.06	3.7	13.4	13.6	98	3.46	B	A	3.89	5.28	1900	1.00
	6.0+6.0	5.20	5.20	---	---	---	3.99	10.40	10.71	0.76	2.88	3.04	3.4	12.8	13.5	98	3.61	A	A	3.92	5.83	2080	1.10
	6.0+7.1	4.76	5.64	---	---	---	4.30	10.40	10.74	0.84	2.86	3.03	3.7	12.7	13.4	98	3.64	A	A	3.95	6.17	2187	1.20
	7.1+7.1	5.20	5.20	---	---	---	4.61	10.40	10.77	0.89	2.85	3.02	3.9	12.6	13.4	98	3.65	A	A	3.95	6.46	2289	1.26
	1.5+1.5+1.5	1.83	1.83	1.83	---	---	1.84	5.50	7.52	0.47	1.24	1.92	2.1	5.5	8.5	98	4.44	A	A	3.85	4.40	1599	0.85
	1.5+1.5+2.0	1.83	1.83	2.44	---	---	1.98	6.10	7.52	0.49	1.39	1.92	2.2	6.2	8.5	98	4.39	A	A	3.84	4.52	1648	0.83
	1.5+1.5+2.5	1.83	1.83	3.05	---	---	2.13	6.71	7.52	0.51	1.63	1.92	2.3	7.2	8.5	98	4.12	A	A	3.85	4.58	1667	0.89
	1.5+1.5+3.5	1.83	1.83	4.27	---	---	2.43	7.93	9.22	0.55	2.04	2.57	2.4	9.1	11.4	98	3.89	A	A	3.87	5.18	1874	0.96
	1.5+1.5+4.2	1.82	1.82	5.09	---	---	2.63	8.73	9.22	0.60	2.37	2.57	2.7	10.5	11.4	98	3.68	A	A	3.88	5.24	1890	1.02
	1.5+1.5+5.0	1.74	1.74	5.80	---	---	2.86	9.28	9.99	0.60	2.53	2.84	2.7	11.2	12.6	98	3.67	A	A	3.88	5.11	1842	0.96
	1.5+1.5+6.0	1.66	1.66	6.65	---	---	3.14	9.97	10.71	0.61	2.65	3.04	2.7	11.8	13.5	98	3.76	A	A	3.90	5.97	2143	1.12
	1.5+1.5+7.1	1.55	1.55	7.32	---	---	3.45	10.41	10.75	0.65	2.86	3.03	2.9	12.7	13.4	98	3.64	A	A	3.93	6.32	2252	1.23
	1.5+2.0+2.0	1.83	2.44	2.44	---	---	2.13	6.71	7.52	0.51	1.63	1.92	2.3	7.2	8.5	98	4.12	A	A	3.85	4.65	1693	0.89
	1.5+2.0+2.5	1.83	2.44	3.05	---	---	2.28	7.32	8.67	0.53	1.83	2.32	2.4	8.1	10.3	98	4.00	A	A	3.85	4.72	1718	0.90
	1.5+2.0+3.5	1.83	2.44	4.27	---	---	2.58	8.54	9.22	0.57	2.27	2.57	2.5	10.1	11.4	98	3.76	A	A	3.87	5.34	1931	0.99
	1.5+2.0+4.2	1.77	2.36	4.95	---	---	2.77	9.07	9.89	0.62	2.47	2.89	2.8	11.0	12.8	98	3.67	A	A	3.90	5.40	1937	1.05
	1.5+2.0+5.0	1.70	2.27	5.66	---	---	3.00	9.63	9.99	0.62	2.68	2.84	2.8	11.9	12.6	98	3.59	B	A	3.87	5.27	1906	0.99
	1.5+2.0+6.0	1.63	2.17	6.52	---	---	3.28	10.32	10.71	0.64	2.82	3.04	2.8	12.5	13.5	98	3.66	A	A	3.94	6.16	2189	1.19
	1.5+2.0+7.1	1.47	1.96	6.97	---	---	3.59	10.41	10.75	0.68	2.86	3.03	3.0	12.7	13.4	98	3.64	A	A	3.94	6.46	2297	1.26
	1.5+2.5+2.5	1.83	3.05	3.05	---	---	2.43	7.93	9.21	0.55	2.05	2.58	2.4	9.1	11.4	98	3.87	A	A	3.86	4.78	1734	0.89
	1.5+2.5+3.5	1.79	2.98	4.17	---	---	2.72	8.94	9.89	0.60	2.42	2.89	2.7	10.7	12.8	98	3.69	A	A	3.89	5.42	1951	1.01
	1.5+2.5+4.2	1.72	2.87	4.82	---	---	2.91	9.42	9.89	0.64	2.62	2.89	2.8	11.6	12.8	98	3.60	B	A	3.90	5.48	1967	1.07
	1.5+2.5+5.0	1.66	2.77	5.54	---	---	3.14	9.97	10.48	0.65	2.84	3.07	2.9	12.6	13.6	98	3.51	B	A	3.87	5.34	1931	0.99
	1.5+2.5+6.0	1.56	2.60	6.25	---	---	3.42	10.41	10.71	0.66	2.87	3.04	2.9	12.7	13.5	98	3.63	A	A	3.92	6.25	2233	1.16
	1.5+2.5+7.1	1.41	2.34	6.66	---	---	3.73	10.41	10.75	0.70	2.86	3.03	3.1	12.7	13.4	98	3.64	A	A	3.94	6.46	2298	1.26
	1.5+3.5+3.5	1.70	3.97	3.97	---	---	3.00	9.63	9.89	0.64	2.73	2.89	2.8	12.1	12.8	98	3.53	B	A	3.93	6.16	2193	1.19
	1.5+3.5+4.2	1.65	3.85	4.62	---	---	3.20	10.11	10.37	0.69	3.01	3.12	3.1	13.4	13.8	98	3.36	C	A	3.92	6.23	2224	1.20
	1.5+3.5+5.0	1.56	3.64	5.21	---	---	3.42	10.41	10.49	0.70	3.07	3.07	3.1	13.6	13.6	98	3.39	C	A	3.94	6.07	2157	1.16
	1.5+3.5+6.0	1.42	3.31	5.68	---	---	3.70	10.41	10.72	0.71	2.87	3.04	3.1	12.7	13.5	98	3.63	A	A	3.97	6.46	2280	1.25
	1.5+3.5+7.1	1.29	3.01	6.11	---	---	4.01	10.41	10.75	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A	A+	4.03	6.46	2245	1.25
	1.5+4.2+4.2	1.58	4.42	4.42	---	---	3.39	10.41	10.48	0.72	3.17	3.17	3.2	14.1	14.1	98	3.28	C	A	3.92	6.31	2255	1.22
	1.5+4.2+5.0	1.46	4.09	4.86	---	---	3.62	10.41	10.61	0.75	3.07	3.07	3.3	13.6	13.6	98	3.39	C	A	3.93	6.14	2187	1.17
	1.5+4.2+6.0	1.33	3.74	5.34	---	---	3.90	10.41	10.84	0.76	2.87	3.04	3.4	12.7	13.5	98	3.63	A	A	3.99	6.46	2267	1.25
	1.5+4.2+7.1	1.22	3.42	5.77	---	---	4.21	10.41	10.87	0.81	2.86	3.02	3.6	12.7	13.4	98	3.64	A	A+	4.04	6.46	2241	1.25
	1.5+5.0+5.0	1.36	4.53	4.53	---	---	3.84	10.41	10.74	0.75	2.96	3.08	3.3	13.1	13.7	98	3.52	B	A	3.90	5.98	2150	1.13
	1.5+5.0+6.0	1.25	4.16	5.00	---	---	4.13	10.41	10.97	0.76	2.77	2.99	3.4	12.3	13.3	98	3.76	A	A	3.97	6.46	2279	1.25
	1.5+5.0+7.1	1.15	3.83	5.43	---	---	4.44	10.41	11.00	0.84	2.75	2.97	3.7	12.2	13.2	98	3.79	A	A+	4.03	6.46	2246	1.25
	1.5+6.0+6.0	1.16	4.63	4.63	---	---	4.41	10.41	11.20	0.77	2.62	2.90	3.4	11.6	12.9	98	3.97	A	A+	4.07	6.46	2224	1.24
	1.5+6.0+7.1	1.07	4.28	5.06	---	---	4.72	10.41	11.23	0.84	2.61	2.89	3.7	11.6	12.8	98	3.99	A	A+	4.10	6.46	2204	1.24
	2.0+2.0+2.0	2.44	2.44	2.44	---	---	2.28	7.32	8.67	0.53	1.84	2.32	2.4	8.2	10.3	98	3.98	A	A	3.86	4.79	1736	0.90
	2.0+2.0+2.5	2.44	2.44	3.04	---	---	2.43	7.92	9.21	0.55	2.05	2.58	2.4	9.1	11.4	98	3.86	A	A	3.86	4.86	1763	0.90
	2.0+2.0+3.5	2.38	2.38	4.17	---	---	2.72	8.93	9.89	0.60	2.42	2.89	2.7	10.7	12.8	98	3.69	A	A	3.89	5.50	1979	1.02
	2.0+2.0+4.2	2.30	2.30	4.81	---	---	2.91	9.41	9.89	0.64	2.62	2.89	2.8	11.6	12.8	98	3.59	B	A	3.89	5.57	2004	1.03
	2.0+2.0+5.0	2.21	2.21	5.54	---	---	3.14	9.96	10.48	0.65	2.84	3.07	2.9	12.6	13.6	98	3.51	B	A	3.89	5.43	1953	1.02
	2.0+2.0+6.0	2.08	2.08	6.24	---	---	3.42	10.40	10.71	0.66	2.87	3.04	2.9	12.7	13.5	98	3.62	A	A	3.92	6.35	2269	1.21
	2.0+2.0+7.1	1.87	1.87	6.66	---	---	3.73	10.40	10.75	0.70	2.86	3.03	3.1	12.7	13.4	98	3.64	A	A	3.94	6.46	2297	1.26
	2.0+2.5+2.5	2.43	3.05	3.05	---	---	2.57	8.53	9.21	0.57	2.28	2.58	2.5	10.1	11.4	98	3.74	A	A	3.86	4.93	1789	0.91
	2.0+2.5+3.5	2.31	2.90	4.06	---	---	2.86	9.27	9.89	0.62	2.57	2.89	2.8	11.4	12.8	98	3.61	A	A	3.89	5.59	2014	1.05
	2.0+2.5+4.2	2.24	2.80	4.71	---	---	3.06	9.75	10.36	0.67	2.78	3.12	3.0	12.3	13.8	98	3.51	B	A	3.88	5.65	2038	1.05
	2.0+2.5+5.0	2.17	2.71	5.43	---	---	3.28	10.31	10.48	0.67	3.02	3.07	3.0	13.4	13.6	98	3.41	B	A	3.89	5.51	1983	1.03
	2.0+2.5+6.0	1.98	2.48	5.94	---	---	3.56	10.40	10.71	0.68	2.87	3.04	3.0	12.7	13.5	98	3.62	A	A	3.94	6.45	2295	1.25

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
5MXS90E	2.0+2.5+7.1	1.79	2.24	6.37	---	---	3.87	10.40	10.75	0.73	2.86	3.03	3.2	12.7	13.4	98	3.64	A	A	3.97	6.46	2278	1.25
	2.0+3.5+3.5	2.22	3.87	3.87	---	---	3.14	9.96	10.36	0.69	2.89	3.12	3.1	12.8	13.8	98	3.45	B	A	3.91	6.35	2273	1.21
	2.0+3.5+4.2	2.14	3.75	4.51	---	---	3.34	10.40	10.55	0.72	3.18	3.23	3.2	14.1	14.3	98	3.27	C	A	3.93	6.43	2293	1.23
	2.0+3.5+5.0	1.98	3.47	4.95	---	---	3.56	10.40	10.90	0.72	3.07	3.30	3.2	13.6	14.6	98	3.39	C	A	3.91	6.26	2240	1.17
	2.0+3.5+6.0	1.80	3.17	5.43	---	---	3.84	10.40	10.72	0.73	2.87	3.04	3.2	12.7	13.5	98	3.62	A	A+	4.02	6.46	2248	1.25
	2.0+3.5+7.1	1.65	2.89	5.86	---	---	4.15	10.40	10.75	0.81	2.86	3.03	3.6	12.7	13.4	98	3.64	A	A+	4.04	6.46	2241	1.25
	2.0+4.2+4.2	2.00	4.20	4.20	---	---	3.53	10.40	10.56	0.74	3.12	3.23	3.3	13.8	14.3	98	3.33	C	A	3.93	6.46	2301	1.26
	2.0+4.2+5.0	1.86	3.90	4.64	---	---	3.76	10.40	10.91	0.77	3.07	3.30	3.4	13.6	14.6	98	3.39	C	A	3.91	6.34	2270	1.20
	2.0+4.2+6.0	1.70	3.58	5.12	---	---	4.04	10.40	10.73	0.78	2.87	3.04	3.5	12.7	13.5	98	3.62	A	A+	4.03	6.46	2246	1.25
	2.0+4.2+7.1	1.56	3.28	5.56	---	---	4.35	10.40	10.76	0.83	2.86	3.02	3.7	12.7	13.4	98	3.64	A	A+	4.06	6.46	2228	1.25
	2.0+5.0+5.0	1.74	4.33	4.33	---	---	3.99	10.40	10.63	0.80	2.96	3.08	3.5	13.1	13.7	98	3.51	B	A	3.94	6.17	2194	1.20
	2.0+5.0+6.0	1.60	4.00	4.80	---	---	4.27	10.40	10.86	0.79	2.77	2.99	3.5	12.3	13.3	98	3.75	A	A	3.99	6.46	2267	1.25
	2.0+5.0+7.1	1.47	3.69	5.24	---	---	4.58	10.40	10.89	0.86	2.75	2.97	3.8	12.2	13.2	98	3.78	A	A+	4.04	6.46	2240	1.25
	2.0+6.0+6.0	1.48	4.46	4.46	---	---	4.55	10.40	11.09	0.82	2.62	2.90	3.6	11.6	12.9	98	3.97	A	A+	4.09	6.46	2209	1.24
	2.0+6.0+7.1	1.38	4.13	4.89	---	---	4.86	10.40	11.12	0.87	2.61	2.89	3.9	11.6	12.8	98	3.98	A	A+	4.12	6.46	2194	1.24
	2.5+2.5+2.5	2.98	2.98	2.98	---	---	2.72	8.94	9.88	0.60	2.42	2.89	2.7	10.7	12.8	98	3.69	A	A	3.87	5.00	1810	0.98
	2.5+2.5+3.5	2.83	2.83	3.96	---	---	3.00	9.62	9.89	0.67	2.73	2.89	3.0	12.1	12.8	98	3.52	B	A	3.89	5.67	2043	1.07
	2.5+2.5+4.2	2.74	2.74	4.62	---	---	3.20	10.10	10.36	0.69	3.01	3.12	3.1	13.4	13.8	98	3.36	C	A	3.91	5.74	2056	1.08
	2.5+2.5+5.0	2.60	2.60	5.20	---	---	3.42	10.40	10.89	0.70	3.07	3.30	3.1	13.6	14.6	98	3.39	C	A	3.89	5.59	2014	1.05
	2.5+2.5+6.0	2.36	2.36	5.68	---	---	3.70	10.40	10.71	0.71	2.87	3.04	3.1	12.7	13.5	98	3.62	A	A	3.94	6.46	2297	1.26
	2.5+2.5+7.1	2.15	2.15	6.10	---	---	4.01	10.40	10.75	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A	A	3.97	6.46	2277	1.25
	2.5+3.5+3.5	2.71	3.80	3.80	---	---	3.28	10.31	10.76	0.72	3.12	3.35	3.2	13.8	14.9	98	3.30	C	A	3.93	6.44	2296	1.24
	2.5+3.5+4.2	2.55	3.57	4.28	---	---	3.48	10.40	10.77	0.74	3.18	3.35	3.3	14.1	14.9	98	3.27	C	A	3.93	6.46	2301	1.26
	2.5+3.5+5.0	2.36	3.31	4.73	---	---	3.70	10.40	10.90	0.75	3.07	3.30	3.3	13.6	14.6	98	3.39	C	A	3.91	6.35	2273	1.21
	2.5+3.5+6.0	2.17	3.03	5.20	---	---	3.99	10.40	10.72	0.76	2.87	3.04	3.4	12.7	13.5	98	3.62	A	A+	4.03	6.46	2246	1.25
	2.5+3.5+7.1	1.98	2.78	5.64	---	---	4.30	10.40	10.75	0.83	2.86	3.03	3.7	12.7	13.4	98	3.64	A	A+	4.06	6.46	2226	1.25
	2.5+4.2+4.2	2.38	4.01	4.01	---	---	3.68	10.40	10.77	0.77	3.12	3.35	3.4	13.8	14.9	98	3.33	C	A	3.93	6.46	2302	1.26
	2.5+4.2+5.0	2.23	3.73	4.44	---	---	3.90	10.40	10.91	0.80	3.07	3.30	3.5	13.6	14.6	98	3.39	C	A	3.93	6.43	2293	1.23
	2.5+4.2+6.0	2.05	3.44	4.91	---	---	4.18	10.40	10.73	0.81	2.87	3.04	3.6	12.7	13.5	98	3.62	A	A+	4.03	6.46	2245	1.25
	2.5+4.2+7.1	1.88	3.17	5.35	---	---	4.49	10.40	10.76	0.86	2.86	3.02	3.8	12.7	13.4	98	3.64	A	A+	4.06	6.46	2226	1.25
	2.5+5.0+5.0	2.08	4.16	4.16	---	---	4.13	10.40	10.63	0.83	2.96	3.08	3.7	13.1	13.7	98	3.51	B	A	3.91	6.26	2240	1.17
	2.5+5.0+6.0	1.93	3.85	4.62	---	---	4.41	10.40	10.86	0.84	2.77	2.99	3.7	12.3	13.3	98	3.75	A	A+	4.02	6.46	2248	1.25
	2.5+5.0+7.1	1.78	3.56	5.06	---	---	4.72	10.40	10.89	0.89	2.75	2.97	3.9	12.2	13.2	98	3.78	A	A+	4.04	6.46	2241	1.25
	2.5+6.0+6.0	1.80	4.30	4.30	---	---	4.69	10.40	11.09	0.85	2.62	2.90	3.8	11.6	12.9	98	3.97	A	A+	4.10	6.46	2204	1.24
	2.5+6.0+7.1	1.67	4.00	4.73	---	---	5.00	10.40	11.12	0.90	2.61	2.89	4.0	11.6	12.8	98	3.98	A	A+	4.15	6.46	2181	1.24
	3.5+3.5+3.5	3.46	3.46	3.46	---	---	3.56	10.38	10.76	0.77	3.12	3.35	3.4	13.8	14.9	98	3.33	C	A+	4.02	6.46	2252	1.25
	3.5+3.5+4.2	3.25	3.25	3.90	---	---	3.76	10.40	10.77	0.80	3.12	3.35	3.5	13.8	14.9	98	3.33	C	A+	4.02	6.46	2250	1.25
	3.5+3.5+5.0	3.03	3.03	4.34	---	---	3.99	10.40	10.91	0.83	3.07	3.30	3.7	13.6	14.6	98	3.39	C	A	3.98	6.46	2271	1.25
	3.5+3.5+6.0	2.80	2.80	4.80	---	---	4.27	10.40	10.73	0.84	2.87	3.04	3.7	12.7	13.5	98	3.62	A	A+	4.09	6.46	2213	1.24
	3.5+3.5+7.1	2.58	2.58	5.24	---	---	4.58	10.40	10.76	0.89	2.86	3.02	3.9	12.7	13.4	98	3.64	A	A+	4.12	6.46	2198	1.24
	3.5+4.2+4.2	3.06	3.67	3.67	---	---	3.96	10.40	10.78	0.85	3.11	3.34	3.8	13.8	14.8	98	3.34	C	A+	4.02	6.46	2248	1.25
	3.5+4.2+5.0	2.87	3.44	4.09	---	---	4.18	10.40	10.51	0.85	3.01	3.12	3.8	13.4	13.8	98	3.46	B	A+	4.02	6.46	2252	1.25
	3.5+4.2+6.0	2.66	3.19	4.55	---	---	4.46	10.40	10.74	0.87	2.87	3.03	3.9	12.7	13.4	98	3.62	A	A+	4.09	6.46	2213	1.24
	3.5+4.2+7.1	2.46	2.95	4.99	---	---	4.78	10.40	10.77	0.95	2.85	3.02	4.2	12.6	13.4	98	3.65	A	A+	4.14	6.46	2185	1.24
	3.5+5.0+5.0	2.70	3.85	3.85	---	---	4.41	10.40	10.64	0.89	2.96	3.07	3.9	13.1	13.6	98	3.51	B	A	3.96	6.46	2284	1.25
	3.5+5.0+6.0	2.51	3.59	4.30	---	---	4.69	10.40	10.86	0.90	2.76	2.98	4.0	12.2	13.2	98	3.77	A	A+	4.06	6.46	2228	1.24
	3.5+5.0+7.1	2.34	3.33	4.73	---	---	5.00	10.40	10.90	0.95	2.75	2.97	4.2	12.2	13.2	98	3.78	A	A+	4.10	6.46	2207	1.24
	3.5+6.0+6.0	2.34	4.03	4.03	---	---	4.97	10.40	11.09	0.91	2.62	2.90	4.0	11.6	12.9	98	3.97	A	A+	4.21	6.46	2150	1.23
	4.2+4.2+4.2	3.47	3.47	3.47	---	---	4.15	10.40	10.79	0.88	3.11	3.34	3.9	13.8	14.8	98	3.34	C	A+	4.02	6.46	2249	1.25
	4.2+4.2+5.0	3.26	3.26	3.88	---	---	4.38	10.40	10.52	0.91	3.00	3.12	4.0	13.3	13.8	98	3.47	B	A+	4.02	6.46	2250	1.25
	4.2+4.2+6.0	3.03	3.03	4.34	---	---	4.66	10.40	10.75	0.92	2.86	3.03	4.1	12.7	13.4	98	3.64	A	A+	4.10	6.46	2208	1.24
	4.2+4.2+7.1	2.82	2.82	4.76	---	---	4.97	10.40	10.78	0.98	2.85	3.02	4.3	12.6	13.4	98	3.65	A	A+	4.16	6.46	2172	1.24
	4.2+5.0+5.0	3.08	3.66	3.66	---	---	4.61	10.40	10.64	0.91	2.96	3.07	4.0	13.1	13.6	98	3.51	B	A	3.98	6.46	2271	1.25
	4.2+5.0+6.0	2.87	3.42	4.11	---	---	4.89	10.40	10.87	0.93	2.76	2.98	4.1	12.2	13.2	98	3.77	A	A+	4.09	6.46	2213	1.24
	5.0+5.0+5.0	3.46	3.46	3.46	---	---	4.83	10.38	10.77	0.95	2.85	3.02	4.2	12.6	13.4	98	3.64	A	A	3.96	6.46	2283	1.25
	1.5+1.5+1.5+1.5	1.83	1.83	1.83	1.83	---	2.28	7.32	8.82	0.46	1.72	2.24	2.0	7.6	9.9	98	4.26	A	A	3.98	6.12	2156	1.33
	1.5+1.5+1.5+2.0	1.83	1.83	1.83	2.44	---	2.43	7.93	9.42	0.48	1.93	2.44	2.1	8.6	10.8	98	4.11	A	A	3.93	6.31	2248	1.22
	1.5+1.5+1.5+2.5	1.83	1.83	1.83	3.05	---	2.58	8.54	9.42	0.50	2.10	2.44	2.2	9.3	10.8	98	4.07	A	A	3.95	6.41	2273	1.32
	1.5+1.5+1.5+3.5	1.74	1.74	1.74	4.06	---	2.86	9.28	10.19	0.54	2.39	2.75	2.4	10.6	12.2	98	3.88	A	A+	4.01	6.46	2258	1.25
	1.5+1.5+1.5+4.2	1.68	1.68	1.68	4.71	---	3.06	9.76	10.74	0.59	2.59	3.03	2.6	11.5	13.4	98	3.77	A	A+	4.00	6.46	2260	1.25
	1.5+1.5+1.5+5.0	1.63	1.63	1.63	5.43	---	3.28	10.32	10.86	0.59	2.76	2.98	2.6	12.2	13.2	98	3.74	A	A+	4.00	6.46	2260	1.25
	1.5+1.5+1.5+6.0	1.49	1.49	1.49	5.95	---	3.56	10.41	11.09	0.60	2.62	2.90	2.7	11.6	12.9	98	3.97	A	A+	4.10	6.46	2208	1.24
	1.5+1.5+1.5+7.1	1.35	1.35	1.35	6.37	---	3.87	10.41	11.12	0.66	2.61	2.88	2.9	11.6	12.8	98	3.99	A	A+	4.14	6.46	2182	1.24
	1.5+1.5+2.0+2.0	1.83	1.83	2.44	2.44	---	2.58	8.54	9.42	0.50	2.10	2.44	2.2	9.3	10.8	98	4.07	A	A	3.98	6.46	2270	1.37
	1.5+1.5+2.0+2.5	1.79	1.79	2.38	2.98	---	2.72	8.94	10.18	0.52	2.24	2.76	2.3	9.9	12.2	98	3.99	A	A	3.96	6.46	2286	1.26
	1.5+1.5+2.0+3.5	1.70	1.70	2.27	3.97	---	3.00	9.63	10.19	0.59	2.49	2.75	2.6	11.0	12.2	98	3.87	A	A+	4.01	6.46	2256	1.25
	1.5+1.5+2.0+4.2	1.65	1.65	2.20	4.62	---	3.20	10.11	10.74	0.61	2.75	3.03	2.7	12.2	13.4	98	3.68	A	A+	4.03	6.46	2243	1.25
	1.5+1.5+2.0+5.0	1.56	1.56	2.08	5.21	---	3.42	10.41	10.86	0.64	2.76	2.98	2.8	12.2	13.2	98	3.77	A	A+	4.01	6.46	2258	1.25
	1.5+1.5+2.0+6.0	1.42	1.42	1.89	5.68	---	3.70	10.41	11.09	0.62	2.62	2.90	2.8	11.6	12.9	98	3.97	A	A+	4.11	6.46	2201	1.24
	1.5+1.5+2.0+7.1	1.29	1.29	1.72	6.11	---	4.01	10.41	11.12	0.69	2.61	2.88	3.1	11.6	12.8	98	3.99	A	A+	4.15	6.46	2181	1.24
	1.5+1.5+2.5+2.5	1.74	1.74	2.90	2.90	---	2.86	9.28	10.18	0.57	2.39	2.76	2.5	10.6	12.2	98	3.88	A	A	3.96	6.46	2284	1.26
	1.5+1.5+2.5+3.5	1.66	1.66	2.77	3.88	---	3.14	9.97	10.73	0.61	2.65	3.04	2.7	11.8	13.5	98	3.76	A	A+	4.04	6.46	2241	1.25
	1.5+1.5+2.5+4.2	1.61	1.61	2.68	4.51	---	3.34	10.41	10.74	0.63	2.87	3.03	2.8	12.7	13.4	98	3.63	A	A+	4.06	6.46	2228	1.25
	1.5+1.5+2.5+5.0	1.49	1.49	2.48	4.96	---	3.56	10.41	10.86	0.66	2.76	2.98	2.9	12.2	13.2	98	3.77	A	A+	4.01	6.46	2256	1.25
	1.5+1.5+2.5+6.0	1.36	1.36	2.26	5.43	---	3.84	10.41	11.09	0.67	2.62	2.90	3.0	11.6	12.9	98	3.97	A	A+	4.12	6.46	2196	1.24
	1.5+1.5+2.5+7.1	1.24	1.24	2.07	5.87	---	4.15	10.41	11.12	0.71	2.61	2.88	3.1	11.6	12.8	98	3.99	A	A+	4.17	6.46	2169	1.24
	1.5+1.5+3.5+3.5	1.56	1.56	3.64	3.64	---	3.42	10.41	10.74	0.66	2.87	3.03	2.9	12.7	13.4	98	3.63	A	A+	4.10	6.46	2204	1.24
	1.5+1.5+3.5+4.2	1.46	1.46	3.41	4.09	---	3.62	10.41	10.74	0.68	2.86	3.03	3.0	12.7	13.4	98	3.64	A	A+	4.11	6.46	2200	1.24
	1.5+1.5+3.5+5.0	1.36	1.36	3.17	4.53	---	3.84	10.41	10.87	0.71	2.76	2.98	3.1	12.2	13.2	98	3.77	A	A+	4.09	6.46	2210	1.24
	1.5+1.5+3.5+6.0	1.25	1.25	2.91	5.00	---	4.13	10.41	11.10	0.72	2.61	2.89	3.2	11.6	12.8	98	3.99	A	A+	4.21	6.46	2151	1.23
	1.5+1.5+3.5+7.1	1.15	1.15	2.68	5.43	---	4.44	10.41	11.13	0.79	2.60	2.88	3.5	11.5	12.8	98	4.00	A	A+	4.24	6.46	2133	1.23
	1.5+1.5+4.2+4.2	1.37	1.37	3.84	3.84	---	3.82	10.41	10.75	0.73	2.86	3.03	3.2	12.7	13.4	98	3.64	A	A+	4.14	6.46	2186	1.24
	1.5+1.5+4.2+5.0	1.28	1.28	3.58	4.27	---	4.04	10.41	10.88	0.76	2.76	2.98	3.4	12.2	13.2	98	3.77	A	A+	4.10	6.46	2204	1.24

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
5MXS90E	1.5+1.5+4.2+6.0	1.18	1.18	3.31	4.73	---	4.32	10.41	11.11	0.77	2.61	2.89	3.4	11.6	12.8	98	3.99	A	A+	4.20	6.46	2152	1.23
	1.5+1.5+4.2+7.1	1.09	1.09	3.06	5.17	---	4.63	10.41	11.14	0.81	2.60	2.88	3.6	11.5	12.8	98	4.00	A	A+	4.25	6.46	2131	1.23
	1.5+1.5+5.0+5.0	1.20	1.20	4.00	4.00	---	4.27	10.41	11.01	0.76	2.71	2.93	3.4	12.0	13.0	98	3.84	A	A+	4.09	6.46	2212	1.24
	1.5+1.5+5.0+6.0	1.12	1.12	3.72	4.46	---	4.55	10.41	11.23	0.77	2.56	2.90	3.4	11.4	12.9	98	4.07	A	A+	4.20	6.46	2156	1.23
	1.5+1.5+5.0+7.1	1.03	1.03	3.45	4.89	---	4.86	10.41	11.27	0.84	2.50	2.88	3.7	11.1	12.8	98	4.16	A	A+	4.22	6.46	2146	1.23
	1.5+1.5+6.0+6.0	1.04	1.04	4.16	4.16	---	4.83	10.41	11.46	0.80	2.43	2.81	3.5	10.8	12.5	98	4.28	A	A+	4.30	6.46	2103	1.22
	1.5+2.0+2.0+2.0	1.79	2.38	2.38	2.38	---	2.72	8.94	10.18	0.52	2.24	2.76	2.3	9.9	12.2	98	3.99	A	A	3.96	6.46	2284	1.26
	1.5+2.0+2.0+2.5	1.74	2.32	2.32	2.90	---	2.86	9.28	10.18	0.57	2.39	2.76	2.5	10.6	12.2	98	3.88	A	A	3.97	6.46	2279	1.25
	1.5+2.0+2.0+3.5	1.66	2.22	2.22	3.88	---	3.14	9.97	10.73	0.61	2.65	3.04	2.7	11.8	13.5	98	3.76	A	A+	4.06	6.46	2226	1.25
	1.5+2.0+2.0+4.2	1.61	2.15	2.15	4.51	---	3.34	10.41	10.74	0.63	2.87	3.03	2.8	12.7	13.4	98	3.63	A	A+	4.06	6.46	2226	1.25
	1.5+2.0+2.0+5.0	1.49	1.98	1.98	4.96	---	3.56	10.41	10.86	0.66	2.76	2.98	2.9	12.2	13.2	98	3.77	A	A+	4.04	6.46	2241	1.25
	1.5+2.0+2.0+6.0	1.36	1.81	1.81	5.43	---	3.84	10.41	11.09	0.67	2.62	2.90	3.0	11.6	12.9	98	3.97	A	A+	4.15	6.46	2181	1.24
	1.5+2.0+2.0+7.1	1.24	1.65	1.65	5.87	---	4.15	10.41	11.12	0.71	2.61	2.88	3.1	11.6	12.8	98	3.99	A	A+	4.17	6.46	2169	1.24
	1.5+2.0+2.5+2.5	1.70	2.27	2.83	2.83	---	3.00	9.63	10.18	0.59	2.54	2.76	2.6	11.3	12.2	98	3.79	A	A	3.97	6.46	2278	1.25
	1.5+2.0+2.5+3.5	1.63	2.17	2.72	3.80	---	3.28	10.32	10.73	0.63	2.81	3.04	2.8	12.5	13.5	98	3.67	A	A+	4.06	6.46	2226	1.25
	1.5+2.0+2.5+4.2	1.53	2.04	2.55	4.29	---	3.48	10.41	10.74	0.66	2.87	3.03	2.9	12.7	13.4	98	3.63	A	A+	4.07	6.46	2224	1.25
	1.5+2.0+2.5+5.0	1.42	1.89	2.37	4.73	---	3.70	10.41	10.86	0.68	2.76	2.98	3.0	12.2	13.2	98	3.77	A	A+	4.06	6.46	2226	1.25
	1.5+2.0+2.5+6.0	1.30	1.74	2.17	5.21	---	3.99	10.41	11.09	0.69	2.62	2.90	3.1	11.6	12.9	98	3.97	A	A+	4.15	6.46	2181	1.24
	1.5+2.0+2.5+7.1	1.19	1.59	1.99	5.64	---	4.30	10.41	11.12	0.74	2.61	2.88	3.3	11.6	12.8	98	3.99	A	A+	4.20	6.46	2154	1.23
	1.5+2.0+3.5+3.5	1.49	1.98	3.47	3.47	---	3.56	10.41	10.74	0.68	2.87	3.03	3.0	12.7	13.4	98	3.63	A	A+	4.14	6.46	2184	1.24
	1.5+2.0+3.5+4.2	1.39	1.86	3.25	3.90	---	3.76	10.41	10.74	0.73	2.86	3.03	3.2	12.7	13.4	98	3.64	A	A+	4.14	6.46	2184	1.24
	1.5+2.0+3.5+5.0	1.30	1.74	3.04	4.34	---	3.99	10.41	10.87	0.73	2.76	2.98	3.2	12.2	13.2	98	3.77	A	A+	4.11	6.46	2200	1.24
	1.5+2.0+3.5+6.0	1.20	1.60	2.80	4.80	---	4.27	10.41	11.10	0.74	2.61	2.89	3.3	11.6	12.8	98	3.99	A	A+	4.21	6.46	2148	1.23
	1.5+2.0+3.5+7.1	1.11	1.48	2.58	5.24	---	4.58	10.41	11.13	0.81	2.60	2.88	3.6	11.5	12.8	98	4.00	A	A+	4.27	6.46	2121	1.23
	1.5+2.0+4.2+4.2	1.31	1.75	3.67	3.67	---	3.96	10.41	10.75	0.75	2.86	3.03	3.3	12.7	13.4	98	3.64	A	A+	4.14	6.46	2185	1.24
	1.5+2.0+4.2+5.0	1.23	1.64	3.44	4.10	---	4.18	10.41	10.88	0.78	2.76	2.98	3.5	12.2	13.2	98	3.77	A	A+	4.14	6.46	2184	1.24
	1.5+2.0+4.2+6.0	1.14	1.52	3.19	4.56	---	4.46	10.41	11.11	0.79	2.61	2.89	3.5	11.6	12.8	98	3.99	A	A+	4.22	6.46	2146	1.23
	1.5+2.0+4.2+7.1	1.06	1.41	2.95	4.99	---	4.78	10.41	11.14	0.84	2.60	2.88	3.7	11.5	12.8	98	4.00	A	A+	4.27	6.46	2119	1.23
	1.5+2.0+5.0+5.0	1.16	1.54	3.86	3.86	---	4.41	10.41	11.01	0.79	2.71	2.93	3.5	12.0	13.0	98	3.84	A	A+	4.10	6.46	2204	1.24
	1.5+2.0+5.0+6.0	1.08	1.44	3.59	4.31	---	4.69	10.41	11.23	0.82	2.56	2.90	3.6	11.4	12.9	98	4.07	A	A+	4.20	6.46	2152	1.23
	1.5+2.0+5.0+7.1	1.00	1.33	3.34	4.74	---	5.00	10.41	11.27	0.87	2.50	2.88	3.9	11.1	12.8	98	4.16	A	A+	4.25	6.46	2131	1.23
	1.5+2.0+6.0+6.0	1.01	1.34	4.03	4.03	---	4.97	10.41	11.46	0.83	2.43	2.81	3.7	10.8	12.5	98	4.28	A	A+	4.31	6.46	2098	1.22
	1.5+2.5+2.5+2.5	1.66	2.77	2.77	2.77	---	3.14	9.97	10.72	0.61	2.65	3.04	2.7	11.8	13.5	98	3.76	A	A+	4.00	6.46	2259	1.25
	1.5+2.5+2.5+3.5	1.56	2.60	2.60	3.64	---	3.42	10.41	10.73	0.66	2.87	3.04	2.9	12.7	13.5	98	3.63	A	A+	4.07	6.46	2224	1.25
	1.5+2.5+2.5+4.2	1.46	2.43	2.43	4.09	---	3.62	10.41	10.74	0.68	2.87	3.03	3.0	12.7	13.4	98	3.63	A	A+	4.07	6.46	2222	1.24
	1.5+2.5+2.5+5.0	1.36	2.26	2.26	4.53	---	3.84	10.41	10.86	0.71	2.76	2.98	3.1	12.2	13.2	98	3.77	A	A+	4.07	6.46	2224	1.25
	1.5+2.5+2.5+6.0	1.25	2.08	2.08	5.00	---	4.13	10.41	11.09	0.72	2.62	2.90	3.2	11.6	12.9	98	3.97	A	A+	4.15	6.46	2181	1.24
	1.5+2.5+2.5+7.1	1.15	1.91	1.91	5.43	---	4.44	10.41	11.12	0.79	2.61	2.88	3.5	11.6	12.8	98	3.99	A	A+	4.20	6.46	2152	1.23
	1.5+2.5+3.5+3.5	1.42	2.37	3.31	3.31	---	3.70	10.41	10.74	0.71	2.87	3.03	3.1	12.7	13.4	98	3.63	A	A+	4.14	6.46	2184	1.24
	1.5+2.5+3.5+4.2	1.33	2.22	3.11	3.74	---	3.90	10.41	10.74	0.76	2.86	3.03	3.4	12.7	13.4	98	3.64	A	A+	4.14	6.46	2185	1.24
	1.5+2.5+3.5+5.0	1.25	2.08	2.91	4.16	---	4.13	10.41	10.87	0.76	2.76	2.98	3.4	12.2	13.2	98	3.77	A	A+	4.14	6.46	2184	1.24
	1.5+2.5+3.5+6.0	1.16	1.93	2.70	4.63	---	4.41	10.41	11.10	0.77	2.61	2.89	3.4	11.6	12.8	98	3.99	A	A+	4.22	6.46	2146	1.23
	1.5+2.5+3.5+7.1	1.07	1.78	2.50	5.06	---	4.72	10.41	11.13	0.84	2.60	2.88	3.7	11.5	12.8	98	4.00	A	A+	4.27	6.46	2119	1.23
	1.5+2.5+4.2+4.2	1.26	2.10	3.53	3.53	---	4.10	10.41	10.75	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A	A+	4.16	6.46	2173	1.24
	1.5+2.5+4.2+5.0	1.18	1.97	3.31	3.94	---	4.32	10.41	10.88	0.81	2.76	2.98	3.6	12.2	13.2	98	3.77	A	A+	4.14	6.46	2184	1.24
	1.5+2.5+4.2+6.0	1.10	1.83	3.08	4.40	---	4.61	10.41	11.11	0.82	2.61	2.89	3.6	11.6	12.8	98	3.99	A	A+	4.24	6.46	2133	1.23
	1.5+2.5+4.2+7.1	1.02	1.70	2.86	4.83	---	4.92	10.41	11.14	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A	A+	4.27	6.46	2119	1.23
	1.5+2.5+5.0+5.0	1.12	1.86	3.72	3.72	---	4.10	10.41	10.75	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A	A+	4.11	6.46	2200	1.24
	1.5+2.5+5.0+6.0	1.04	1.74	3.47	4.16	---	4.32	10.41	10.88	0.81	2.76	2.98	3.6	12.2	13.2	98	3.77	A	A+	4.21	6.46	2148	1.23
	1.5+3.5+3.5+3.5	1.30	3.04	3.04	3.04	---	3.99	10.41	10.74	0.76	2.86	3.03	3.4	12.7	13.4	98	3.64	A	A+	4.20	6.46	2152	1.23
	1.5+3.5+3.5+4.2	1.23	2.87	2.87	3.44	---	4.18	10.41	10.75	0.81	2.86	3.03	3.6	12.7	13.4	98	3.64	A	A+	4.21	6.46	2150	1.23
	1.5+3.5+3.5+5.0	1.16	2.70	2.70	3.86	---	4.41	10.41	10.88	0.84	2.76	2.98	3.7	12.2	13.2	98	3.77	A	A+	4.19	6.46	2157	1.23
	1.5+3.5+3.5+6.0	1.08	2.51	2.51	4.31	---	4.69	10.41	11.11	0.85	2.61	2.89	3.8	11.6	12.8	98	3.99	A	A+	4.30	6.46	2102	1.22
	1.5+3.5+3.5+7.1	1.00	2.34	2.34	4.74	---	5.00	10.41	11.14	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A	A+	4.33	6.46	2088	1.22
	1.5+3.5+4.2+4.2	1.17	2.72	3.26	3.26	---	4.38	10.41	10.76	0.83	2.86	3.02	3.7	12.7	13.4	98	3.64	A	A+	4.23	6.46	2136	1.23
	1.5+3.5+4.2+5.0	1.10	2.57	3.08	3.67	---	4.61	10.41	10.89	0.86	2.75	2.98	3.8	12.2	13.2	98	3.79	A	A+	4.20	6.46	2152	1.23
	1.5+3.5+4.2+6.0	1.03	2.40	2.88	4.11	---	4.89	10.41	11.12	0.87	2.61	2.89	3.9	11.6	12.8	98	3.99	A	A+	4.30	6.46	2102	1.22
	1.5+3.5+5.0+5.0	1.04	2.43	3.47	3.47	---	4.83	10.41	11.01	0.90	2.71	2.93	4.0	12.0	13.0	98	3.84	A	A+	4.20	6.46	2155	1.23
	1.5+4.2+4.2+4.2	1.11	3.10	3.10	3.10	---	4.58	10.41	10.77	0.89	2.85	3.02	3.9	12.6	13.4	98	3.65	A	A+	4.23	6.46	2136	1.23
	1.5+4.2+4.2+5.0	1.05	2.93	2.93	3.49	---	4.80	10.41	10.90	0.92	2.75	2.97	4.1	12.2	13.2	98	3.79	A	A+	4.20	6.46	2152	1.23
	2.0+2.0+2.0+2.0	2.32	2.32	2.32	2.32	---	2.86	9.28	10.18	0.57	2.39	2.76	2.5	10.6	12.2	98	3.88	A	A	3.97	6.46	2278	1.25
	2.0+2.0+2.0+2.5	2.26	2.26	2.26	2.84	---	3.00	9.62	10.18	0.59	2.49	2.76	2.6	11.0	12.2	98	3.86	A	A+	4.00	6.46	2259	1.25
	2.0+2.0+2.0+3.5	2.17	2.17	2.17	3.80	---	3.28	10.31	10.73	0.63	2.81	3.04	2.8	12.5	13.5	98	3.67	A	A+	4.07	6.46	2224	1.25
	2.0+2.0+2.0+4.2	2.04	2.04	2.04	4.28	---	3.48	10.40	10.74	0.66	2.87	3.03	2.9	12.7	13.4	98	3.62	A	A+	4.07	6.46	2222	1.24
	2.0+2.0+2.0+5.0	1.89	1.89	1.89	4.73	---	3.70	10.40	10.86	0.68	2.76	2.99	3.0	12.2	13.3	98	3.77	A	A+	4.07	6.46	2224	1.25
	2.0+2.0+2.0+6.0	1.73	1.73	1.73	5.21	---	3.99	10.40	11.09	0.69	2.62	2.90	3.1	11.6	12.9	98	3.97	A	A+	4.15	6.46	2181	1.24
	2.0+2.0+2.0+7.1	1.59	1.59	1.59	5.63	---	4.30	10.40	11.12	0.74	2.61	2.88	3.3	11.6	12.8	98	3.98	A	A+	4.20	6.46	2152	1.23
	2.0+2.0+2.5+2.5	2.21	2.21	2.77	2.77	---	3.14	9.96	10.72	0.61	2.65	3.04	2.7	11.8	13.5	98	3.76	A	A+	4.01	6.46	2257	1.25
	2.0+2.0+2.5+3.5	2.08	2.08	2.60	3.64	---	3.42	10.40	10.73	0.66	2.87	3.04	2.9	12.7	13.5	98	3.62	A	A+	4.07	6.46	2222	1.24
	2.0+2.0+2.5+4.2	1.94	1.94	2.44	4.08	---	3.62	10.40	10.74	0.68	2.87	3.03	3.0	12.7	13.4	98	3.62	A	A+	4.10	6.46	2209	1.24
	2.0+2.0+2.5+5.0	1.81	1.81	2.26	4.52	---	3.84	10.40	10.86	0.71	2.76	2.99	3.1	12.2	13.3	98	3.77	A	A+	4.07	6.46	2224	1.25
	2.0+2.0+2.5+6.0	1.66	1.66	2.08	5.00	---	4.13	10.40	11.09	0.72	2.62	2.90	3.2	11.6	12.9	98	3.97	A	A+	4.17	6.46	2169	1.24
	2.0+2.0+2.5+7.1	1.53	1.53	1.91	5.43	---	4.44	10.40	11.12	0.79	2.61	2.88	3.5	11.6	12.8	98	3.98	A	A+	4.20	6.46	2152	1.23
	2.0+2.0+3.5+3.5	1.89	1.89	3.31	3.31	---	3.70	10.40	10.74	0.71	2.87	3.03	3.1	12.7	13.4	98	3.62	A	A+	4.14	6.46	2185	1.24
	2.0+2.0+3.5+4.2	1.78	1.78	3.11	3.73	---	3.90	10.40	10.74	0.76	2.86	3.03	3.4	12.7	13.4	98	3.64	A	A+	4.16	6.46	2173	1.24
	2.0+2.0+3.5+5.0	1.66	1.66	2.91	4.17	---	4.13	10.40	10.87	0.76	2.76	2.98	3.4	12.2	13.2	98	3.77	A	A+	4.14	6.46	2184	1.24
	2.0+2.0+3.5+6.0	1.54	1.54	2.70	4.62	---	4.41	10.40	11.10	0.77	2.61	2.89	3.4	11.6	12.8	98	3.98	A	A+	4.24	6.46	2133	1.23
	2.0+2.0+3.5+7.1	1.42	1.42	2.49	5.07	---	4.72	10.40	11.13	0.84	2.60	2.88	3.7	11.5	12.8	98	4.00	A	A+	4.27	6.46	2119	1.23
	2.0+2.0+4.2+4.2	1.68	1.68	3.52	3.52	---	4.10	10.40	10.75	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A	A+	4.16	6.46	2173	1.24
	2.0+2.0+4.2+5.0	1.58	1.58	3.31	3.93	---	4.32	10.40	10.88	0.81	2.76	2.98	3.6	12.2	13.2	98	3.77	A	A+	4.14	6.46	2185	1.24
	2.0+2.0+4.2+6.0	1.46	1.46	3.09	4.39	---	4.61	10.40	11.11	0.82	2.61	2.89	3.6	11.6	12.8	98	3.98	A	A+	4.25	6.46	2131	1.23
	2.0+2.0+4.2+7.1	1.36	1.36	2.85	4.83	---	4.92	10.40	11.14	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A	A+	4.27	6.46	2116	1.22
	2.0+2.0+5.0+5.0	1.49	1.49	3.71	3.71	---	4.55	10.40	11.01	0.84	2.71	2.93	3.7	12.0	13.0	98	3.84	A	A+	4.14	6.46	2184	1.24

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
5MXS90E	2.0+2.0+5.0+6.0	1.39	1.39	3.47	4.15	---	4.83	10.40	11.23	0.85	2.51	2.90	3.8	11.1	12.9	98	4.14	A	A+	4.24	6.46	2133	1.23
	2.0+2.5+2.5+2.5	2.18	2.71	2.71	2.71	---	3.28	10.31	10.72	0.64	2.82	3.04	2.8	12.5	13.5	98	3.66	A	A+	4.01	6.46	2255	1.25
	2.0+2.5+2.5+3.5	1.97	2.48	2.48	3.47	---	3.56	10.40	10.73	0.68	2.87	3.04	3.0	12.7	13.5	98	3.62	A	A+	4.10	6.46	2209	1.24
	2.0+2.5+2.5+4.2	1.86	2.32	2.32	3.90	---	3.76	10.40	10.74	0.73	2.87	3.03	3.2	12.7	13.4	98	3.62	A	A+	4.10	6.46	2207	1.24
	2.0+2.5+2.5+5.0	1.73	2.17	2.17	4.33	---	3.99	10.40	10.86	0.73	2.76	2.99	3.2	12.2	13.3	98	3.77	A	A+	4.07	6.46	2222	1.24
	2.0+2.5+2.5+6.0	1.60	2.00	2.00	4.80	---	4.27	10.40	11.09	0.74	2.62	2.90	3.3	11.6	12.9	98	3.97	A	A+	4.17	6.46	2167	1.24
	2.0+2.5+2.5+7.1	1.48	1.84	1.84	5.24	---	4.58	10.40	11.12	0.82	2.61	2.88	3.6	11.6	12.8	98	3.98	A	A+	4.21	6.46	2147	1.23
	2.0+2.5+3.5+3.5	1.80	2.26	3.17	3.17	---	3.84	10.40	10.74	0.73	2.87	3.03	3.2	12.7	13.4	98	3.62	A	A+	4.16	6.46	2173	1.24
	2.0+2.5+3.5+4.2	1.71	2.13	2.98	3.58	---	4.04	10.40	10.74	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A	A+	4.16	6.46	2172	1.24
	2.0+2.5+3.5+5.0	1.60	2.00	2.80	4.00	---	4.27	10.40	10.87	0.78	2.76	2.98	3.5	12.2	13.2	98	3.77	A	A+	4.14	6.46	2185	1.24
	2.0+2.5+3.5+6.0	1.48	1.86	2.60	4.46	---	4.55	10.40	11.10	0.82	2.61	2.89	3.6	11.6	12.8	98	3.98	A	A+	4.25	6.46	2131	1.23
	2.0+2.5+3.5+7.1	1.38	1.72	2.41	4.89	---	4.86	10.40	11.13	0.87	2.60	2.88	3.9	11.5	12.8	98	4.00	A	A+	4.27	6.46	2116	1.22
	2.0+2.5+4.2+4.2	1.61	2.01	3.39	3.39	---	4.24	10.40	10.75	0.81	2.86	3.03	3.6	12.7	13.4	98	3.64	A	A+	4.17	6.46	2171	1.23
	2.0+2.5+4.2+5.0	1.52	1.90	3.19	3.79	---	4.46	10.40	10.88	0.84	2.76	2.98	3.7	12.2	13.2	98	3.77	A	A+	4.16	6.46	2173	1.24
	2.0+2.5+4.2+6.0	1.42	1.77	2.97	4.24	---	4.75	10.40	11.11	0.85	2.61	2.89	3.8	11.6	12.8	98	3.98	A	A+	4.27	6.46	2121	1.23
	2.0+2.5+5.0+5.0	1.43	1.79	3.59	3.59	---	4.69	10.40	11.01	0.87	2.71	2.93	3.9	12.0	13.0	98	3.84	A	A+	4.14	6.46	2184	1.24
	2.0+2.5+5.0+6.0	1.34	1.68	3.35	4.03	---	4.97	10.40	11.23	0.88	2.51	2.90	3.9	11.1	12.9	98	4.14	A	A+	4.24	6.46	2133	1.23
	2.0+3.5+3.5+3.5	1.67	2.91	2.91	2.91	---	4.13	10.40	10.74	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A	A+	4.23	6.46	2136	1.23
	2.0+3.5+3.5+4.2	1.58	2.76	2.76	3.30	---	4.32	10.40	10.75	0.84	2.86	3.03	3.7	12.7	13.4	98	3.64	A	A+	4.24	6.46	2135	1.23
	2.0+3.5+3.5+5.0	1.49	2.60	2.60	3.71	---	4.55	10.40	10.88	0.87	2.76	2.98	3.9	12.2	13.2	98	3.77	A	A+	4.23	6.46	2136	1.23
	2.0+3.5+3.5+6.0	1.38	2.43	2.43	4.16	---	4.83	10.40	11.11	0.87	2.61	2.89	3.9	11.6	12.8	98	3.98	A	A+	4.31	6.46	2100	1.22
	2.0+3.5+4.2+4.2	1.50	2.62	3.14	3.14	---	4.52	10.40	10.76	0.89	2.86	3.02	3.9	12.7	13.4	98	3.64	A	A+	4.26	6.46	2124	1.23
	2.0+3.5+4.2+5.0	1.41	2.48	2.97	3.54	---	4.75	10.40	10.89	0.89	2.75	2.98	3.9	12.2	13.2	98	3.78	A	A+	4.23	6.46	2136	1.23
	2.0+3.5+5.0+5.0	1.35	2.35	3.35	3.35	---	4.97	10.40	11.01	0.92	2.65	2.93	4.1	11.8	13.0	98	3.92	A	A+	4.20	6.46	2152	1.23
	2.0+4.2+4.2+4.2	1.43	2.99	2.99	2.99	---	4.72	10.40	10.77	0.92	2.85	3.02	4.1	12.6	13.4	98	3.65	A	A+	4.26	6.46	2123	1.23
	2.0+4.2+4.2+5.0	1.35	2.84	2.84	3.37	---	4.94	10.40	10.90	0.95	2.75	2.97	4.2	12.2	13.2	98	3.78	A	A+	4.24	6.46	2135	1.23
	2.5+2.5+2.5+2.5	2.60	2.60	2.60	2.60	---	3.42	10.40	10.72	0.66	2.87	3.04	2.9	12.7	13.5	98	3.62	A	A+	4.01	6.46	2255	1.25
	2.5+2.5+2.5+3.5	2.36	2.36	2.36	3.32	---	3.70	10.40	10.73	0.71	2.87	3.04	3.1	12.7	13.5	98	3.62	A	A+	4.10	6.46	2207	1.24
	2.5+2.5+2.5+4.2	2.22	2.22	2.22	3.74	---	3.90	10.40	10.74	0.76	2.87	3.03	3.4	12.7	13.4	98	3.62	A	A+	4.10	6.46	2206	1.24
	2.5+2.5+2.5+5.0	2.08	2.08	2.08	4.16	---	4.13	10.40	10.86	0.76	2.76	2.99	3.4	12.2	13.3	98	3.77	A	A+	4.10	6.46	2209	1.24
	2.5+2.5+2.5+6.0	1.93	1.93	1.93	4.61	---	4.41	10.40	11.09	0.77	2.62	2.90	3.4	11.6	12.9	98	3.97	A	A+	4.20	6.46	2154	1.23
	2.5+2.5+2.5+7.1	1.78	1.78	1.78	5.06	---	4.72	10.40	11.12	0.84	2.61	2.88	3.7	11.6	12.8	98	3.98	A	A+	4.21	6.46	2147	1.23
	2.5+2.5+3.5+3.5	2.17	2.17	3.03	3.03	---	3.99	10.40	10.74	0.76	2.87	3.03	3.4	12.7	13.4	98	3.62	A	A+	4.17	6.46	2171	1.24
	2.5+2.5+3.5+4.2	2.05	2.05	2.87	3.43	---	4.18	10.40	10.74	0.81	2.86	3.03	3.6	12.7	13.4	98	3.64	A	A+	4.19	6.46	2157	1.23
	2.5+2.5+3.5+5.0	1.93	1.93	2.70	3.84	---	4.41	10.40	10.87	0.84	2.76	2.98	3.7	12.2	13.2	98	3.77	A	A+	4.16	6.46	2173	1.24
	2.5+2.5+3.5+6.0	1.79	1.79	2.51	4.31	---	4.69	10.40	11.10	0.85	2.61	2.89	3.8	11.6	12.8	98	3.98	A	A+	4.27	6.46	2121	1.23
	2.5+2.5+3.5+7.1	1.67	1.67	2.33	4.73	---	5.00	10.40	11.13	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A	A+	4.30	6.46	2103	1.22
	2.5+2.5+4.2+4.2	1.94	1.94	3.26	3.26	---	4.38	10.40	10.75	0.84	2.86	3.03	3.7	12.7	13.4	98	3.64	A	A+	4.20	6.46	2155	1.23
	2.5+2.5+4.2+5.0	1.83	1.83	3.08	3.66	---	4.61	10.40	10.88	0.87	2.76	2.98	3.9	12.2	13.2	98	3.77	A	A+	4.16	6.46	2172	1.24
	2.5+2.5+4.2+6.0	1.71	1.71	2.87	4.11	---	4.89	10.40	11.11	0.87	2.61	2.89	3.9	11.6	12.8	98	3.98	A	A+	4.27	6.46	2119	1.23
	2.5+2.5+5.0+5.0	1.73	1.73	3.47	3.47	---	4.83	10.40	11.01	0.90	2.71	2.93	4.0	12.0	13.0	98	3.84	A	A+	4.14	6.46	2185	1.24
	2.5+3.5+3.5+3.5	2.00	2.80	2.80	2.80	---	4.27	10.40	10.74	0.84	2.86	3.03	3.7	12.7	13.4	98	3.64	A	A+	4.24	6.46	2135	1.23
	2.5+3.5+3.5+4.2	1.90	2.66	2.66	3.18	---	4.46	10.40	10.75	0.86	2.86	3.03	3.8	12.7	13.4	98	3.64	A	A+	4.26	6.46	2124	1.23
	2.5+3.5+3.5+5.0	1.79	2.51	2.51	3.59	---	4.69	10.40	10.88	0.89	2.76	2.98	3.9	12.2	13.2	98	3.77	A	A+	4.23	6.46	2136	1.23
	2.5+3.5+3.5+6.0	1.67	2.35	2.35	4.03	---	4.97	10.40	11.11	0.90	2.61	2.89	4.0	11.6	12.8	98	3.98	A	A+	4.33	6.46	2090	1.22
	2.5+3.5+4.2+4.2	1.81	2.53	3.03	3.03	---	4.66	10.40	10.76	0.92	2.86	3.02	4.1	12.7	13.4	98	3.64	A	A+	4.26	6.46	2123	1.23
	2.5+3.5+4.2+5.0	1.72	2.39	2.87	3.42	---	4.89	10.40	10.89	0.92	2.75	2.98	4.1	12.2	13.2	98	3.78	A	A+	4.24	6.46	2135	1.23
	2.5+4.2+4.2+4.2	1.73	2.89	2.89	2.89	---	4.86	10.40	10.77	0.95	2.85	3.02	4.2	12.6	13.4	98	3.65	A	A+	4.26	6.46	2123	1.23
	3.5+3.5+3.5+3.5	2.60	2.60	2.60	2.60	---	4.55	10.40	10.75	0.89	2.86	3.03	3.9	12.7	13.4	98	3.64	A	A+	4.30	6.46	2104	1.22
	3.5+3.5+3.5+4.2	2.48	2.48	2.48	2.96	---	4.75	10.40	10.76	0.92	2.86	3.02	4.1	12.7	13.4	98	3.64	A	A+	4.32	6.46	2094	1.22
	3.5+3.5+3.5+5.0	2.35	2.35	2.35	3.35	---	4.97	10.40	10.89	0.95	2.76	2.98	4.2	12.2	13.2	98	3.77	A	A+	4.30	6.46	2105	1.22
	3.5+3.5+4.2+4.2	2.36	2.36	2.84	2.84	---	4.94	10.40	10.77	0.98	2.85	3.02	4.3	12.6	13.4	98	3.65	A	A+	4.32	6.46	2094	1.22
	1.5+1.5+1.5+1.5+1.5	1.79	1.79	1.79	1.79	1.79	2.72	8.93	10.48	0.45	2.12	2.68	2.0	9.4	11.9	98	4.21	A	A+	4.12	6.46	2194	1.24
	1.5+1.5+1.5+1.5+2.0	1.74	1.74	1.74	1.74	2.32	2.86	9.27	10.48	0.47	2.21	2.68	2.1	9.8	11.9	98	4.19	A	A+	4.13	6.46	2190	1.24
	1.5+1.5+1.5+1.5+2.5	1.70	1.70	1.70	1.70	2.83	3.00	9.62	10.48	0.51	2.31	2.68	2.3	10.2	11.9	98	4.16	A	A+	4.16	6.46	2175	1.24
	1.5+1.5+1.5+1.5+3.5	1.63	1.63	1.63	1.63	3.80	3.28	10.31	11.11	0.55	2.56	2.89	2.4	11.4	12.8	98	4.03	A	A+	4.24	6.46	2132	1.23
	1.5+1.5+1.5+1.5+4.2	1.53	1.53	1.53	1.53	4.28	3.48	10.40	11.11	0.59	2.61	2.89	2.6	11.6	12.8	98	3.98	A	A+	4.24	6.46	2132	1.23
	1.5+1.5+1.5+1.5+5.0	1.42	1.42	1.42	1.42	4.73	3.70	10.40	11.24	0.60	2.51	2.90	2.7	11.1	12.9	98	4.14	A	A+	4.23	6.46	2141	1.23
	1.5+1.5+1.5+1.5+6.0	1.30	1.30	1.30	1.30	5.20	3.99	10.40	11.47	0.60	2.38	2.81	2.7	10.6	12.5	98	4.37	A	A+	4.34	6.46	2084	1.22
	1.5+1.5+1.5+1.5+7.1	1.19	1.19	1.19	1.19	5.64	4.30	10.40	11.50	0.66	2.36	2.79	2.9	10.5	12.4	98	4.41	A	A+	4.37	6.46	2072	1.22
	1.5+1.5+1.5+2.0+2.0	1.70	1.70	1.70	2.26	2.26	3.00	9.62	10.48	0.51	2.31	2.68	2.3	10.2	11.9	98	4.16	A	A+	4.17	6.46	2170	1.24
	1.5+1.5+1.5+2.0+2.5	1.66	1.66	1.66	2.21	2.77	3.14	9.96	11.10	0.53	2.46	2.89	2.4	10.9	12.8	98	4.05	A	A+	4.17	6.46	2169	1.24
	1.5+1.5+1.5+2.0+3.5	1.56	1.56	1.56	2.08	3.64	3.42	10.40	11.11	0.57	2.61	2.89	2.5	11.6	12.8	98	3.98	A	A+	4.27	6.46	2117	1.23
	1.5+1.5+1.5+2.0+4.2	1.46	1.46	1.46	1.94	4.08	3.62	10.40	11.11	0.62	2.61	2.89	2.8	11.6	12.8	98	3.98	A	A+	4.27	6.46	2117	1.23
	1.5+1.5+1.5+2.0+5.0	1.36	1.36	1.36	1.81	4.52	3.84	10.40	11.24	0.62	2.51	2.90	2.8	11.1	12.9	98	4.14	A	A+	4.24	6.46	2132	1.23
	1.5+1.5+1.5+2.0+6.0	1.25	1.25	1.25	1.66	4.99	4.13	10.40	11.47	0.65	2.38	2.81	2.9	10.6	12.5	98	4.37	A	A+	4.35	6.46	2080	1.22
	1.5+1.5+1.5+2.0+7.1	1.15	1.15	1.15	1.53	5.43	4.44	10.40	11.50	0.69	2.36	2.79	3.1	10.5	12.4	98	4.41	A	A+	4.40	6.46	2054	1.22
	1.5+1.5+1.5+2.5+2.5	1.63	1.63	1.63	2.71	2.71	3.28	10.31	11.10	0.55	2.56	2.89	2.4	11.4	12.8	98	4.03	A	A+	4.18	6.46	2162	1.24
	1.5+1.5+1.5+2.5+3.5	1.49	1.49	1.49	2.48	3.47	3.56	10.40	11.11	0.60	2.61	2.89	2.7	11.6	12.8	98	3.98	A	A+	4.28	6.46	2115	1.23
	1.5+1.5+1.5+2.5+4.2	1.39	1.39	1.39	2.32	3.90	3.76	10.40	11.11	0.64	2.61	2.89	2.8	11.6	12.8	98	3.98	A	A+	4.28	6.46	2114	1.23
	1.5+1.5+1.5+2.5+5.0	1.30	1.30	1.30	2.17	4.33	3.99	10.40	11.24	0.66	2.51	2.90	2.9	11.1	12.9	98	4.14	A	A+	4.27	6.46	2117	1.23
	1.5+1.5+1.5+2.5+6.0	1.20	1.20	1.20	2.00	4.80	4.27	10.40	11.47	0.67	2.38	2.81	3.0	10.6	12.5	98	4.37	A	A+	4.37	6.46	2072	1.22
	1.5+1.5+1.5+2.5+7.1	1.11	1.11	1.11	1.84	5.24	4.58	10.40	11.50	0.71	2.36	2.79	3.1	10.5	12.4	98	4.41	A	A+	4.40	6.46	2054	1.22
	1.5+1.5+1.5+3.5+3.5	1.36	1.36	1.36	3.17	3.17	3.84	10.40	11.11	0.66	2.61	2.89	2.9	11.6	12.8	98	3.98	A	A+	4.34	6.46	2083	1.22
	1.5+1.5+1.5+3.5+4.2	1.28	1.28	1.28	2.98	3.58	4.04	10.40	11.12	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.34	6.46	2082	1.22
	1.5+1.5+1.5+3.5+5.0	1.20	1.20	1.20	2.80	4.00	4.27	10.40	11.25	0.71	2.51	2.89	3.1	11.1	12.8	98	4.14	A	A+	4.33	6.46	2088	1.22
	1.5+1.5+1.5+3.5+6.0	1.11	1.11	1.11	2.60	4.46	4.55	10.40	11.48	0.72	2.37	2.80	3.2	10.5	12.4	98	4.39	A	A+	4.43	6.46	2040	1.27
	1.5+1.5+1.5+3.5+7.1	1.03	1.03	1.03	2.41	4.89	4.86	10.40	11.51	0.79	2.36	2.79	3.5	10.5	12.4	98	4.41	A	A+	4.46	6.46	2029	1.26
	1.5+1.5+1.5+4.2+4.2	1.21	1.21	1.21	3.39	3.39	4.24	10.40	11.13	0.73	2.60	2.88	3.2	11.5	12.8	98	4.00	A	A+	4.36	6.46	2076	1.22
	1.5+1.5+1.5+4.2+5.0	1.14	1.14	1.14	3.19	3.80	4.46	10.40	11.26	0.76	2.50	2.89	3.4	11.1	12.8	98	4.16	A	A+	4.34	6.46	2083	1.22
	1.5+1.5+1.5+4.2+6.0	1.06	1.06	1.06	2.97	4.24	4.75	10.40	11.49	0.77	2.37	2.80	3.4	10.5	12.4	98	4.39	A	A+	4.47	6.46	2024	1.26
	1.5+1.5+1.5+5.0+5.0	1.08	1.08	1.08	3.59	3.59	4.69	10.40	11.38	0.76	2.46	2.84	3.4	10.9	12.6	98	4.23	A	A+	4.33	6.46	2088	1.22
	1.5+1.5+1.5+5.0+6.0	1.01	1.01	1.01	3.35	4.03	4.97	10.40	11.61	0.79	2.32	2.75	3.5	10.3	12.2	98	4.48	A	A+	4.43	6.46	2040	1.27

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0. 7.1 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
5MXS90E	1.5+1.5+2.0+2.0+2.0	1.66	1.66	2.21	2.21	2.21	3.14	9.96	11.10	0.53	2.46	2.89	2.4	10.9	12.8	98	4.05	A	A+	4.19	6.46	2161	1.24
	1.5+1.5+2.0+2.0+2.5	1.63	1.63	2.17	2.17	2.71	3.28	10.31	11.10	0.55	2.56	2.89	2.4	11.4	12.8	98	4.03	A	A+	4.19	6.46	2159	1.23
	1.5+1.5+2.0+2.0+3.5	1.49	1.49	1.98	1.98	3.47	3.56	10.40	11.11	0.60	2.61	2.89	2.7	11.6	12.8	98	3.98	A	A+	4.28	6.46	2114	1.23
	1.5+1.5+2.0+2.0+4.2	1.39	1.39	1.86	1.86	3.90	3.76	10.40	11.11	0.64	2.61	2.89	2.8	11.6	12.8	98	3.98	A	A+	4.29	6.46	2110	1.23
	1.5+1.5+2.0+2.0+5.0	1.30	1.30	1.73	1.73	4.33	3.99	10.40	11.24	0.66	2.51	2.90	2.9	11.1	12.9	98	4.14	A	A+	4.28	6.46	2115	1.23
	1.5+1.5+2.0+2.0+6.0	1.20	1.20	1.60	1.60	4.80	4.27	10.40	11.47	0.67	2.38	2.81	3.0	10.6	12.5	98	4.37	A	A+	4.37	6.46	2072	1.22
	1.5+1.5+2.0+2.0+7.1	1.11	1.11	1.48	1.48	5.24	4.58	10.40	11.50	0.71	2.36	2.79	3.1	10.5	12.4	98	4.41	A	A+	4.41	6.46	2052	1.22
	1.5+1.5+2.0+2.5+2.5	1.56	1.56	2.08	2.60	2.60	3.42	10.40	11.10	0.58	2.62	2.89	2.6	11.6	12.8	98	3.97	A	A+	4.22	6.46	2144	1.23
	1.5+1.5+2.0+2.5+3.5	1.42	1.42	1.89	2.36	3.31	3.70	10.40	11.11	0.62	2.61	2.89	2.8	11.6	12.8	98	3.98	A	A+	4.29	6.46	2110	1.23
	1.5+1.5+2.0+2.5+4.2	1.33	1.33	1.78	2.22	3.73	3.90	10.40	11.11	0.66	2.61	2.89	2.9	11.6	12.8	98	3.98	A	A+	4.29	6.46	2110	1.23
	1.5+1.5+2.0+2.5+5.0	1.25	1.25	1.66	2.08	4.16	4.13	10.40	11.24	0.69	2.51	2.90	3.1	11.1	12.9	98	4.14	A	A+	4.28	6.46	2114	1.23
	1.5+1.5+2.0+2.5+6.0	1.16	1.16	1.54	1.93	4.62	4.41	10.40	11.47	0.69	2.38	2.81	3.1	10.6	12.5	98	4.37	A	A+	4.40	6.46	2057	1.22
	1.5+1.5+2.0+2.5+7.1	1.07	1.07	1.42	1.78	5.06	4.72	10.40	11.50	0.76	2.36	2.79	3.4	10.5	12.4	98	4.41	A	A+	4.41	6.46	2052	1.21
	1.5+1.5+2.0+3.5+3.5	1.30	1.30	1.73	3.03	3.03	3.99	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.36	6.46	2076	1.22
	1.5+1.5+2.0+3.5+4.2	1.23	1.23	1.64	2.87	3.44	4.18	10.40	11.12	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.36	6.46	2074	1.22
	1.5+1.5+2.0+3.5+5.0	1.16	1.16	1.54	2.70	3.85	4.41	10.40	11.25	0.74	2.51	2.89	3.3	11.1	12.8	98	4.14	A	A+	4.36	6.46	2076	1.22
	1.5+1.5+2.0+3.5+6.0	1.08	1.08	1.43	2.51	4.30	4.69	10.40	11.48	0.74	2.37	2.80	3.3	10.5	12.4	98	4.39	A	A+	4.47	6.46	2024	1.26
	1.5+1.5+2.0+3.5+7.1	1.00	1.00	1.33	2.33	4.73	5.00	10.40	11.51	0.81	2.36	2.79	3.6	10.5	12.4	98	4.41	A	A+	4.51	6.46	2006	1.26
	1.5+1.5+2.0+4.2+4.2	1.16	1.16	1.55	3.26	3.26	4.38	10.40	11.13	0.76	2.60	2.88	3.4	11.5	12.8	98	4.00	A	A+	4.40	6.46	2058	1.22
	1.5+1.5+2.0+4.2+5.0	1.10	1.10	1.46	3.08	3.66	4.61	10.40	11.26	0.79	2.50	2.89	3.5	11.1	12.8	98	4.16	A	A+	4.36	6.46	2076	1.22
	1.5+1.5+2.0+4.2+6.0	1.03	1.03	1.37	2.87	4.11	4.89	10.40	11.49	0.79	2.37	2.80	3.5	10.5	12.4	98	4.39	A	A+	4.47	6.46	2022	1.26
	1.5+1.5+2.0+5.0+5.0	1.04	1.04	1.39	3.47	3.47	4.83	10.40	11.38	0.82	2.46	2.84	3.6	10.9	12.6	98	4.23	A	A+	4.34	6.46	2083	1.22
	1.5+1.5+2.5+2.5+2.5	1.49	1.49	2.48	2.48	2.48	3.56	10.40	11.10	0.60	2.62	2.89	2.7	11.6	12.8	98	3.97	A	A+	4.23	6.46	2141	1.23
	1.5+1.5+2.5+2.5+3.5	1.36	1.36	2.26	2.26	3.17	3.84	10.40	11.11	0.67	2.61	2.89	3.0	11.6	12.8	98	3.98	A	A+	4.30	6.46	2103	1.23
	1.5+1.5+2.5+2.5+4.2	1.28	1.28	2.13	2.13	3.58	4.04	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.31	6.46	2098	1.22
	1.5+1.5+2.5+2.5+5.0	1.20	1.20	2.00	2.00	4.00	4.27	10.40	11.24	0.71	2.51	2.90	3.1	11.1	12.9	98	4.14	A	A+	4.29	6.46	2110	1.23
	1.5+1.5+2.5+2.5+6.0	1.11	1.11	1.86	1.86	4.46	4.55	10.40	11.47	0.72	2.38	2.81	3.2	10.6	12.5	98	4.37	A	A+	4.40	6.46	2054	1.22
	1.5+1.5+2.5+2.5+7.1	1.03	1.03	1.72	1.72	4.89	4.86	10.40	11.50	0.79	2.36	2.79	3.5	10.5	12.4	98	4.41	A	A+	4.43	6.46	2043	1.21
	1.5+1.5+2.5+3.5+3.5	1.25	1.25	2.08	2.91	2.91	4.13	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.39	6.46	2061	1.22
	1.5+1.5+2.5+3.5+4.2	1.18	1.18	1.97	2.76	3.31	4.32	10.40	11.12	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A	A+	4.40	6.46	2058	1.22
	1.5+1.5+2.5+3.5+5.0	1.11	1.11	1.86	2.60	3.71	4.55	10.40	11.25	0.76	2.51	2.89	3.4	11.1	12.8	98	4.14	A	A+	4.36	6.46	2076	1.22
	1.5+1.5+2.5+3.5+6.0	1.04	1.04	1.73	2.43	4.16	4.83	10.40	11.48	0.79	2.37	2.80	3.5	10.5	12.4	98	4.39	A	A+	4.46	6.46	2029	1.26
	1.5+1.5+2.5+4.2+4.2	1.12	1.12	1.87	3.14	3.14	4.52	10.40	11.13	0.79	2.60	2.88	3.5	11.5	12.8	98	4.00	A	A+	4.40	6.46	2058	1.22
	1.5+1.5+2.5+4.2+5.0	1.06	1.06	1.77	2.97	3.54	4.75	10.40	11.26	0.82	2.50	2.89	3.6	11.1	12.8	98	4.16	A	A+	4.36	6.46	2074	1.22
	1.5+1.5+2.5+5.0+5.0	1.01	1.01	1.68	3.35	3.35	4.97	10.40	11.38	0.84	2.46	2.84	3.7	10.9	12.6	98	4.23	A	A+	4.36	6.46	2076	1.22
	1.5+1.5+3.5+3.5+3.5	1.16	1.16	2.70	2.70	2.70	4.41	10.40	11.12	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A	A+	4.46	6.46	2028	1.26
	1.5+1.5+3.5+3.5+4.2	1.10	1.10	2.56	2.56	3.08	4.61	10.40	11.13	0.81	2.60	2.88	3.6	11.5	12.8	98	4.00	A	A+	4.47	6.46	2025	1.26
	1.5+1.5+3.5+3.5+5.0	1.04	1.04	2.43	2.43	3.47	4.83	10.40	11.26	0.84	2.50	2.89	3.7	11.1	12.8	98	4.16	A	A+	4.46	6.46	2028	1.26
	1.5+1.5+3.5+4.2+4.2	1.05	1.05	2.44	2.93	2.93	4.80	10.40	11.14	0.87	2.60	2.88	3.9	11.5	12.8	98	4.00	A	A+	4.45	6.46	2033	1.26
	1.5+2.0+2.0+2.0+2.0	1.63	2.17	2.17	2.17	2.17	3.28	10.31	11.10	0.55	2.56	2.89	2.4	11.4	12.8	98	4.03	A	A+	4.22	6.46	2144	1.23
	1.5+2.0+2.0+2.0+2.5	1.56	2.08	2.08	2.08	2.60	3.42	10.40	11.10	0.58	2.62	2.89	2.6	11.6	12.8	98	3.97	A	A+	4.23	6.46	2141	1.23
	1.5+2.0+2.0+2.0+3.5	1.42	1.89	1.89	1.89	3.31	3.70	10.40	11.11	0.62	2.61	2.89	2.8	11.6	12.8	98	3.98	A	A+	4.31	6.46	2100	1.23
	1.5+2.0+2.0+2.0+4.2	1.33	1.78	1.78	1.78	3.73	3.90	10.40	11.11	0.66	2.61	2.89	2.9	11.6	12.8	98	3.98	A	A+	4.31	6.46	2098	1.22
	1.5+2.0+2.0+2.0+5.0	1.25	1.66	1.66	1.66	4.16	4.13	10.40	11.24	0.69	2.51	2.90	3.1	11.1	12.9	98	4.14	A	A+	4.29	6.46	2110	1.23
	1.5+2.0+2.0+2.0+6.0	1.16	1.54	1.54	1.54	4.62	4.41	10.40	11.47	0.69	2.38	2.81	3.1	10.6	12.5	98	4.37	A	A+	4.40	6.46	2054	1.22
	1.5+2.0+2.0+2.0+7.1	1.07	1.42	1.42	1.42	5.06	4.72	10.40	11.50	0.76	2.36	2.79	3.4	10.5	12.4	98	4.41	A	A+	4.43	6.46	2043	1.21
	1.5+2.0+2.0+2.5+2.5	1.49	1.98	1.98	2.48	2.48	3.56	10.40	11.10	0.60	2.62	2.89	2.7	11.6	12.8	98	3.97	A	A+	4.23	6.46	2137	1.23
	1.5+2.0+2.0+2.5+3.5	1.36	1.81	1.81	2.26	3.17	3.84	10.40	11.11	0.67	2.61	2.89	3.0	11.6	12.8	98	3.98	A	A+	4.31	6.46	2098	1.22
	1.5+2.0+2.0+2.5+4.2	1.28	1.70	1.70	2.13	3.58	4.04	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.31	6.46	2098	1.22
	1.5+2.0+2.0+2.5+5.0	1.20	1.60	1.60	2.00	4.00	4.27	10.40	11.24	0.71	2.51	2.90	3.1	11.1	12.9	98	4.14	A	A+	4.31	6.46	2100	1.23
	1.5+2.0+2.0+2.5+6.0	1.11	1.49	1.49	1.86	4.46	4.55	10.40	11.47	0.72	2.38	2.81	3.2	10.6	12.5	98	4.37	A	A+	4.41	6.46	2052	1.22
	1.5+2.0+2.0+2.5+7.1	1.03	1.38	1.38	1.72	4.89	4.86	10.40	11.50	0.79	2.36	2.79	3.5	10.5	12.4	98	4.41	A	A+	4.44	6.46	2036	1.27
	1.5+2.0+2.0+3.5+3.5	1.25	1.66	1.66	2.91	2.91	4.13	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.40	6.46	2058	1.22
	1.5+2.0+2.0+3.5+4.2	1.18	1.58	1.58	2.76	3.31	4.32	10.40	11.12	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A	A+	4.40	6.46	2058	1.22
	1.5+2.0+2.0+3.5+5.0	1.11	1.49	1.49	2.60	3.71	4.55	10.40	11.25	0.76	2.51	2.89	3.4	11.1	12.8	98	4.14	A	A+	4.40	6.46	2058	1.22
	1.5+2.0+2.0+3.5+6.0	1.04	1.39	1.39	2.43	4.16	4.83	10.40	11.48	0.79	2.37	2.80	3.5	10.5	12.4	98	4.39	A	A+	4.49	6.46	2015	1.26
	1.5+2.0+2.0+4.2+4.2	1.12	1.50	1.50	3.14	3.14	4.52	10.40	11.13	0.79	2.60	2.88	3.5	11.5	12.8	98	4.00	A	A+	4.40	6.46	2056	1.22
	1.5+2.0+2.0+4.2+5.0	1.06	1.41	1.41	2.97	3.54	4.75	10.40	11.26	0.82	2.50	2.89	3.6	11.1	12.8	98	4.16	A	A+	4.40	6.46	2058	1.22
	1.5+2.0+2.0+5.0+5.0	1.01	1.34	1.34	3.35	3.35	4.97	10.40	11.38	0.84	2.46	2.84	3.7	10.9	12.6	98	4.23	A	A+	4.36	6.46	2074	1.22
	1.5+2.0+2.5+2.5+2.5	1.42	1.89	2.36	2.36	2.36	3.70	10.40	11.10	0.62	2.62	2.89	2.8	11.6	12.8	98	3.97	A	A+	4.24	6.46	2135	1.23
	1.5+2.0+2.5+2.5+3.5	1.30	1.73	2.17	2.17	3.03	3.99	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.34	6.46	2085	1.22
	1.5+2.0+2.5+2.5+4.2	1.23	1.64	2.05	2.05	3.44	4.18	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.34	6.46	2084	1.22
	1.5+2.0+2.5+2.5+5.0	1.16	1.54	1.93	1.93	3.85	4.41	10.40	11.24	0.74	2.51	2.90	3.3	11.1	12.9	98	4.14	A	A+	4.31	6.46	2098	1.22
	1.5+2.0+2.5+2.5+6.0	1.08	1.43	1.79	1.79	4.30	4.69	10.40	11.47	0.74	2.38	2.81	3.3	10.6	12.5	98	4.37	A	A+	4.41	6.46	2052	1.22
	1.5+2.0+2.5+2.5+7.1	1.00	1.33	1.67	1.67	4.73	5.00	10.40	11.50	0.82	2.36	2.79	3.6	10.5	12.4	98	4.41	A	A+	4.47	6.46	2022	1.27
	1.5+2.0+2.5+3.5+3.5	1.20	1.60	2.00	2.80	2.80	4.27	10.40	11.11	0.74	2.61	2.89	3.3	11.6	12.8	98	3.98	A	A+	4.40	6.46	2056	1.22
	1.5+2.0+2.5+3.5+4.2	1.14	1.52	1.90	2.66	3.19	4.46	10.40	11.12	0.79	2.61	2.89	3.5	11.6	12.8	98	3.98	A	A+	4.40	6.46	2056	1.22
	1.5+2.0+2.5+3.5+5.0	1.08	1.43	1.79	2.51	3.59	4.69	10.40	11.25	0.82	2.51	2.89	3.6	11.1	12.8	98	4.14	A	A+	4.40	6.46	2058	1.22
	1.5+2.0+2.5+3.5+6.0	1.01	1.34	1.68	2.35	4.03	4.97	10.40	11.48	0.82	2.37	2.80	3.6	10.5	12.4	98	4.39	A	A+	4.49	6.46	2013	1.26
	1.5+2.0+2.5+4.2+4.2	1.08	1.44	1.81	3.03	3.03	4.66	10.40	11.13	0.81	2.60	2.88	3.6	11.5	12.8	98	4.00	A	A+	4.40	6.46	2056	1.21
	1.5+2.0+2.5+4.2+5.0	1.03	1.37	1.71	2.87	3.42	4.89	10.40	11.26	0.84	2.50	2.89	3.7	11.1	12.8	98	4.16	A	A+	4.40	6.46	2058	1.22
	1.5+2.0+3.5+3.5+3.5	1.11	1.49	2.60	2.60	2.60	4.55	10.40	11.12	0.82	2.61	2.89	3.6	11.6	12.8	98	3.98	A	A+	4.48	6.46	2019	1.26
	1.5+2.0+3.5+3.5+4.2	1.06	1.41	2.48	2.48	2.97	4.75	10.40	11.13	0.84	2.60	2.88	3.7	11.5	12.8	98	4.00	A	A+	4.48	6.46	2019	1.26
	1.5+2.0+3.5+3.5+5.0	1.01	1.34	2.35	2.35	3.35	4.97	10.40	11.26	0.87	2.50	2.89	3.9	11.1	12.8	98	4.16	A	A+	4.45	6.46	2033	1.26
	1.5+2.0+3.5+4.2+4.2	1.01	1.35	2.36	2.84	2.84	4.94	10.40	11.14	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A	A+	4.50	6.46	2010	1.26
	1.5+2.5+2.5+2.5+2.5	1.36	2.26	2.26	2.26	2.26	3.84	10.40	11.10	0.67	2.62	2.89	3.0	11.6	12.8	98	3.97	A	A+	4.25	6.46	2128	1.23
	1.5+2.5+2.5+2.5+3.5	1.25	2.08	2.08	2.08	2.91	4.13	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.34	6.46	2084	1.22
	1.5+2.5+2.5+2.5+4.2	1.18	1.97	1.97	1.97	3.31	4.32	10.40	11.11	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A	A+	4.34	6.46	2084	1.22
	1.5+2.5+2.5+2.5+5.0	1.11	1.86	1.86	1.86	3.71	4.55	10.40	11.24	0.76	2.51	2.90	3.4	11.1	12.9	98	4.14	A	A+	4.34	6.46	2085	1.22
	1.5+2.5+2.5+2.5+6.0	1.04	1.73	1.73	1.73	4.16	4.83	10.40	11.47	0.80	2.38	2.81	3.5	10.6	12.5	98	4.37	A	A+	4.41	6.46	2050	1.21
	1.5+2.5+2.5+3.5+3.5	1.16	1.93	1.93	2.70	2.70	4.41	10.40	11.11	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A	A+	4.40	6.46	2056	1.22
	1.5+2.5+2.5+3.5+4.2	1.10	1.83	1.83	2.56	3.08	4.61	10.40	11.12	0.82	2.61	2.89	3.6	11.6	12.8	98	3.98	A	A+	4.40	6.46	2056	1.21
	1.5+2.5+2.5+3.5+5.0	1.04	1.73	1.73	2.43	3.47	4.83	10.40	11.25	0.84	2.51	2.89	3.7	11.1	12.8	98	4.14	A	A+	4.40	6.46	2056	1.22

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

Combination tables

Heating

Outdoor unit	Indoor unit	Heating capacity (kW)					Total capacity (kW)			Power input (kW)			Total current (A)			Power factor (%)	COP	Energy label	Seasonal data				
		A room	B room	C room	D room	E room	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				Label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
5MXS90E	1.5+2.5+2.5+4.2+4.2	1.05	1.74	1.74	2.93	2.93	4.80	10.40	11.13	0.87	2.60	2.88	3.9	11.5	12.8	98	4.00	A	A+	4.41	6.46	2054	1.21
	1.5+2.5+3.5+3.5+3.5	1.08	1.79	2.51	2.51	2.51	4.69	10.40	11.12	0.84	2.61	2.89	3.7	11.6	12.8	98	3.98	A	A+	4.49	6.46	2017	1.26
	1.5+2.5+3.5+3.5+4.2	1.03	1.71	2.39	2.39	2.87	4.89	10.40	11.13	0.87	2.60	2.88	3.9	11.5	12.8	98	4.00	A	A+	4.50	6.46	2010	1.26
	1.5+3.5+3.5+3.5+3.5	1.01	2.35	2.35	2.35	2.35	4.97	10.40	11.13	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A	A+	4.55	6.46	1986	1.25
	2.0+2.0+2.0+2.0+2.0	2.08	2.08	2.08	2.08	2.08	3.42	10.40	11.10	0.58	2.62	2.89	2.6	11.6	12.8	98	3.97	A	A+	4.23	6.46	2137	1.23
	2.0+2.0+2.0+2.0+2.5	1.98	1.98	1.98	1.98	2.48	3.56	10.40	11.10	0.60	2.62	2.89	2.7	11.6	12.8	98	3.97	A	A+	4.24	6.46	2135	1.23
	2.0+2.0+2.0+2.0+3.5	1.81	1.81	1.81	1.81	3.16	3.84	10.40	11.11	0.67	2.61	2.89	3.0	11.6	12.8	98	3.98	A	A+	4.34	6.46	2085	1.22
	2.0+2.0+2.0+2.0+4.2	1.70	1.70	1.70	1.70	3.60	4.04	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.34	6.46	2084	1.22
	2.0+2.0+2.0+2.0+5.0	1.60	1.60	1.60	1.60	4.00	4.27	10.40	11.24	0.71	2.51	2.90	3.1	11.1	12.9	98	4.14	A	A+	4.31	6.46	2098	1.22
	2.0+2.0+2.0+2.0+6.0	1.49	1.49	1.49	1.49	4.44	4.55	10.40	11.47	0.72	2.38	2.81	3.2	10.6	12.5	98	4.37	A	A+	4.41	6.46	2052	1.22
	2.0+2.0+2.0+2.0+7.1	1.38	1.38	1.38	1.38	4.88	4.86	10.40	11.50	0.79	2.36	2.79	3.5	10.5	12.4	98	4.41	A	A+	4.47	6.46	2022	1.26
	2.0+2.0+2.0+2.5+2.5	1.90	1.90	1.90	2.35	2.35	3.70	10.40	11.10	0.62	2.62	2.89	2.8	11.6	12.8	98	3.97	A	A+	4.25	6.46	2128	1.23
	2.0+2.0+2.0+2.5+3.5	1.73	1.73	1.73	2.17	3.04	3.99	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.34	6.46	2084	1.22
	2.0+2.0+2.0+2.5+4.2	1.64	1.64	1.64	2.05	3.43	4.18	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.34	6.46	2084	1.22
	2.0+2.0+2.0+2.5+5.0	1.54	1.54	1.54	1.93	3.85	4.41	10.40	11.24	0.74	2.51	2.90	3.3	11.1	12.9	98	4.14	A	A+	4.34	6.46	2085	1.22
	2.0+2.0+2.0+2.5+6.0	1.43	1.43	1.43	1.80	4.31	4.69	10.40	11.47	0.74	2.38	2.81	3.3	10.6	12.5	98	4.37	A	A+	4.41	6.46	2050	1.21
	2.0+2.0+2.0+2.5+7.1	1.33	1.33	1.33	1.67	4.74	5.00	10.40	11.50	0.82	2.36	2.79	3.6	10.5	12.4	98	4.41	A	A+	4.48	6.46	2020	1.26
	2.0+2.0+2.0+3.5+3.5	1.90	1.90	1.90	2.35	2.35	3.70	10.40	11.10	0.62	2.62	2.89	2.8	11.6	12.8	98	3.97	A	A+	4.40	6.46	2056	1.22
	2.0+2.0+2.0+3.5+4.2	1.52	1.52	1.52	2.66	3.18	4.46	10.40	11.12	0.79	2.55	2.89	3.5	11.3	12.8	98	4.08	A	A+	4.40	6.46	2056	1.21
	2.0+2.0+2.0+3.5+5.0	1.43	1.43	1.43	2.51	3.60	4.69	10.40	11.25	0.82	2.51	2.89	3.6	11.1	12.8	98	4.14	A	A+	4.40	6.46	2056	1.22
	2.0+2.0+2.0+3.5+6.0	1.34	1.34	1.34	2.35	4.03	4.97	10.40	11.48	0.82	2.37	2.80	3.6	10.5	12.4	98	4.39	A	A+	4.51	6.46	2006	1.26
	2.0+2.0+2.0+4.2+4.2	1.44	1.44	1.44	3.04	3.04	4.66	10.40	11.13	0.81	2.55	2.88	3.6	11.3	12.8	98	4.08	A	A+	4.41	6.46	2054	1.21
	2.0+2.0+2.0+4.2+5.0	1.37	1.37	1.37	2.87	3.42	4.89	10.40	11.26	0.84	2.56	2.95	3.7	11.4	13.1	98	4.06	A	A+	4.40	6.46	2056	1.22
	2.0+2.0+2.5+2.5+2.5	1.81	1.81	2.26	2.26	2.26	3.84	10.40	11.10	0.67	2.62	2.89	3.0	11.6	12.8	98	3.97	A	A+	4.25	6.46	2126	1.23
	2.0+2.0+2.5+2.5+3.5	1.66	1.66	2.08	2.08	2.92	4.13	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A	A+	4.34	6.46	2084	1.22
	2.0+2.0+2.5+2.5+4.2	1.58	1.58	1.97	1.97	3.30	4.32	10.40	11.11	0.74	2.56	2.89	3.3	11.4	12.8	98	4.06	A	A+	4.34	6.46	2083	1.22
	2.0+2.0+2.5+2.5+5.0	1.49	1.49	1.86	1.86	3.70	4.55	10.40	11.24	0.76	2.51	2.90	3.4	11.1	12.9	98	4.14	A	A+	4.34	6.46	2084	1.22
	2.0+2.0+2.5+2.5+6.0	1.39	1.39	1.73	1.73	4.16	4.83	10.40	11.47	0.80	2.38	2.81	3.5	10.6	12.5	98	4.37	A	A+	4.43	6.46	2043	1.21
	2.0+2.0+2.5+3.5+3.5	1.54	1.54	1.92	2.70	2.70	4.41	10.40	11.11	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A	A+	4.41	6.46	2054	1.21
	2.0+2.0+2.5+3.5+4.2	1.46	1.46	1.84	2.56	3.08	4.61	10.40	11.12	0.82	2.55	2.89	3.6	11.3	12.8	98	4.08	A	A+	4.42	6.46	2047	1.21
	2.0+2.0+2.5+3.5+5.0	1.39	1.39	1.72	2.43	3.47	4.83	10.40	11.25	0.84	2.51	2.89	3.7	11.1	12.8	98	4.14	A	A+	4.40	6.46	2056	1.22
	2.0+2.0+2.5+4.2+4.2	1.40	1.40	1.74	2.93	2.93	4.80	10.40	11.13	0.87	2.60	2.94	3.9	11.5	13.0	98	4.00	A	A+	4.44	6.46	2040	1.27
	2.0+2.0+3.5+3.5+3.5	1.44	1.44	2.52	2.50	2.50	4.69	10.40	11.12	0.84	2.61	2.89	3.7	11.6	12.8	98	3.98	A	A+	4.50	6.46	2010	1.26
	2.0+2.0+3.5+3.5+4.2	1.37	1.37	2.40	2.39	2.87	4.89	10.40	11.13	0.87	2.60	2.94	3.9	11.5	13.0	98	4.00	A	A+	4.51	6.46	2008	1.26
	2.0+2.5+2.5+2.5+2.5	1.72	2.17	2.17	2.17	2.17	3.99	10.40	11.10	0.69	2.62	2.89	3.1	11.6	12.8	98	3.97	A	A+	4.28	6.46	2113	1.23
	2.0+2.5+2.5+2.5+3.5	1.60	2.00	2.00	2.00	2.80	4.27	10.40	11.11	0.74	2.61	2.89	3.3	11.6	12.8	98	3.98	A	A+	4.35	6.46	2081	1.22
	2.0+2.5+2.5+2.5+4.2	1.52	1.90	1.90	1.90	3.18	4.46	10.40	11.11	0.79	2.56	2.89	3.5	11.4	12.8	98	4.06	A	A+	4.35	6.46	2079	1.22
	2.0+2.5+2.5+2.5+5.0	1.44	1.79	1.79	1.79	3.59	4.69	10.40	11.24	0.82	2.51	2.90	3.6	11.1	12.9	98	4.14	A	A+	4.34	6.46	2083	1.22
	2.0+2.5+2.5+2.5+6.0	1.33	1.68	1.68	1.68	4.03	4.97	10.40	11.47	0.82	2.38	2.81	3.6	10.6	12.5	98	4.37	A	A+	4.44	6.46	2036	1.27
	2.0+2.5+2.5+3.5+3.5	1.48	1.86	1.86	2.60	2.60	4.55	10.40	11.11	0.82	2.61	2.89	3.6	11.6	12.8	98	3.98	A	A+	4.42	6.46	2047	1.21
	2.0+2.5+2.5+3.5+4.2	1.41	1.77	1.77	2.48	2.97	4.75	10.40	11.12	0.84	2.55	2.89	3.7	11.3	12.8	98	4.08	A	A+	4.44	6.46	2040	1.27
	2.0+2.5+2.5+3.5+5.0	1.34	1.68	1.68	2.35	3.35	4.97	10.40	11.25	0.87	2.51	2.89	3.9	11.1	12.8	98	4.14	A	A+	4.41	6.46	2054	1.21
	2.0+2.5+2.5+4.2+4.2	1.34	1.69	1.69	2.84	2.84	4.94	10.40	11.13	0.90	2.60	2.94	4.0	11.5	13.0	98	4.00	A	A+	4.44	6.46	2039	1.27
	2.0+2.5+3.5+3.5+3.5	1.38	1.73	2.43	2.43	2.43	4.83	10.40	11.12	0.87	2.61	2.89	3.9	11.6	12.8	98	3.98	A	A+	4.51	6.46	2008	1.26
	2.5+2.5+2.5+2.5+2.5	2.08	2.08	2.08	2.08	2.08	4.13	10.40	11.10	0.72	2.62	2.89	3.2	11.6	12.8	98	3.97	A	A+	4.29	6.46	2110	1.23
	2.5+2.5+2.5+2.5+3.5	1.93	1.93	1.93	1.93	2.68	4.41	10.40	11.11	0.77	2.61	2.89	3.4	11.6	12.8	98	3.98	A	A+	4.35	6.46	2079	1.22
	2.5+2.5+2.5+2.5+4.2	1.83	1.83	1.83	1.83	3.08	4.61	10.40	11.11	0.82	2.56	2.89	3.6	11.4	12.8	98	4.06	A	A+	4.37	6.46	2071	1.22
	2.5+2.5+2.5+2.5+5.0	1.73	1.73	1.73	1.73	3.48	4.83	10.40	11.24	0.85	2.51	2.90	3.8	11.1	12.9	98	4.14	A	A+	4.35	6.46	2081	1.22
	2.5+2.5+2.5+3.5+3.5	1.80	1.80	1.80	2.50	2.50	4.69	10.40	11.11	0.85	2.61	2.89	3.8	11.6	12.8	98	3.98	A	A+	4.44	6.46	2040	1.27
	2.5+2.5+2.5+3.5+4.2	1.71	1.71	1.71	2.40	2.87	4.89	10.40	11.12	0.87	2.61	2.89	3.9	11.6	12.8	98	3.98	A	A+	4.47	6.46	2026	1.27
	2.5+2.5+3.5+3.5+3.5	1.69	1.69	2.34	2.34	2.34	4.97	10.40	11.12	0.90	2.61	2.89	4.0	11.6	12.8	98	3.98	A	A+	4.51	6.46	2008	1.26

Notes:
1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
   Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
   1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5, 4.2, 5.0kW: wall mounted FTXS-K series
   6.0, 7.1 kW class; wall mounted G series

R-32 Sky Air range

The most futuristic range of light commercial comfort solutions available in R-32

Packed with new features:

› To **excel** in efficiency, dramatically reducing carbon footprint
› To offer unbeatable **performance** you can rely on for the future
› To deliver the **fastest** and most flexible installation

Sky Air
BLUEVOLUTION
series,
completely redesigned
to your needs!

Full range of bimobjects in 2017!

bimobject

www.daikineurope.com/bim

Sky Air

Light commercial applications

Sky Air the solution for the light commercial sector

Sky Air is Daikin's industry-leading light commercial range, which has been designed for optimum seasonal energy efficiency. Providing the ideal solution for all kinds of small commercial spaces, the Sky Air series offers a complete comfort solution that puts you in total control of your heating and cooling, ventilation and air curtains.

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Sky Air, the solution for the light commercial sector.

7 reasons why Sky Air is unique in the market

1 High energy efficiency

› Top seasonal efficiency
  • A++ label both in cooling and heating for combination FCQHG71F/100F + RZQG71L9V1/100L9V1
  • Variable Refrigerant Temperature that automatically adapts the refrigerant temperature to the load
› First commercial R-32 unit boosting cooling efficiency with 5%
NEW › Auto cleaning filters on the Round flow cassettes and concealed ceiling units leading to 50% savings compared to standard units

Top seasonal efficiency

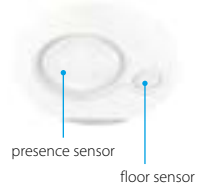
A++

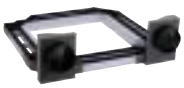
Variable Refrigerant Temperature

BLUEVOLUTION

2 Superior comfort

› Variable Refrigerant Temperature preventing cold draughts
› Quiet indoor and outdoor units
› Presence and floor sensors direct the air flow away from persons, while ensuring an even temperature distribution
› Operation down to -20°C in heat pump operation
› Fresh air intake integrated in indoor unit





Fresh air intake

3 Top reliability

› Gas-cooled PCB keeps critical components safe from ambient temerature fluxtuations
› Extensively factory tested
› Widest support network and after sales service
› All spare parts available in Europe
› For infrastructure cooling on Seasonal Smart series
  › unique boosted capacity indoor unit systems
  › duty rotation control

RELIABLE, CONTINUOUS OPERATION 24/7 365

4 Market leading controls

Intelligent Tablet Controller

› Intelligent Tablet Controller: control your Sky Air site centrally from a touch screen
› Dedicated control solutions
  › for retail applications with retail economizer
  › for infrastructure cooling with standard remote control
› Daikin Cloud Service offers services such as online control of one or multiple sites

5 Unmatched aesthetics

› Fully flat cassette design unit that integrates fully flat into the ceiling
› Auto cleaning cassette ensures dirt-free ceilings with high efficiency filters for regular and dust prone areas

6 Unique installation benefits

FXUQ

AHU

Air curtain

› 4-way blow ceiling suspended cassette (FXUQ) for rooms without false ceiling.
  Now connectable to Seasonal Smart and Classic
› Plug & play Daikin air handling unit with ERQ condensing units
› Total solution for cooling, heating, air curtains and ventilation
› Dedicated assymetric combinations for infrastructure cooling
› Cost-efficiently replace Daikin and non-Daikin R-22 and R-407C systems by keeping the refrigerant piping
› **Use up to 4 indoor units linked to one outdoor unit for long or irregularly shaped rooms**

7 Widest range of outdoor units for small commercial

A product for each type of customer

Pair, twin, triple, double twin systems

Capacity class		25	35	50	60	71	100	125	140	200	250
Range	kW (cooling)	2.4	3.4	5.0	5.7	6.8	9.5	12.0	13.4	20.0	24.1

Multi systems connecting to Sky Air indoors

40	50	52	68	80	90	4HP	5HP	6HP	8HP	10HP	12HP
4.0	5.0	5.2	6.8	8.0	9.0	12.1	14.0	15.5	22.4	28.0	33.5

Seasonal Smart

Industry-leading efficiency that dramatically cuts running costs and repays in <2 years See page 274
› Up to Energy Label A++
› Only dedicated solution for infrastructure cooling
› Available in R-410A and R-32

VRV IV S-series See page 312
Industry-leading efficiency with individual control of up to 9 indoor units
› incorporates VRV IV standards and technologies
› the most compact VRV

Seasonal Classic

Versatile and effective for typical needs of most retail applications. See page 279
› Up to Energy Label A+

Multi model application See page 128
Individual control of up to 5 indoor units

Super Inverter

For large commercial applications See page 280

Siesta INVERTER

Plug and play comfort at minimum up-front cost for busy shop environments See page 281
› Up to Energy Label A+
(SEER A+ for 71 Cass)

Sky air outdoor units meet customers' every need for light commercial applications, from high specification, tailored solutions to primary needs for cooling and heating

BLUEVOLUTION

	Seasonal Smart R-32	**Seasonal Smart**	**Seasonal Classic**	**Super inverter**	**Inverter**
	› Industry-leading technology now available with R-32 refrigerant › Lowest environmental impact reducing CO_2 footprint › 10% lower refrigerant charge › Minimum 5% more efficient in cooling compared to R-410A units	› For all types of commercial applications, including infrastructure cooling › Best efficiency! › Most flexible installation › Widest range of connectable indoor units	› For all types of commercial applications › Good value for money: very efficient and comfortable indoor units	› Packaged system for large commercial applications	› Basic cooling/ heating solution for small shops
Seasonal efficiency	Cooling / Heating Up to A++ / Up to A++	Cooling / Heating Up to A++ / Up to A++	Cooling / Heating Up to A++ / Up to A+	N/A	Cooling / Heating Up to A / Up to A
Max. piping lenght between indoor and outdoor	Up to 75m		Up to 50m	Up to 100m	Up to 50m
Operation range Cooling	-15°C ~ 50°C		-15°C ~ 46°C	-5°C ~ 46°C	-15°C ~ 46°C
Operation range Heating	-20°C ~ 15.5°C		-15°C ~ 15°C		-15°C ~ 15°C
Infrastructure cooling		✓			
1. Variable Refrigerant Temperature	✓	✓	✓		
2. Customizable Variable Refrigerant Temperature	✓	✓			
Connectable indoor units	High COP round flow cassette	Floor standing unit (High) Round flow cassette Ceiling suspended unit Concealed floor standing unit 4-Way blow ceiling suspended cassette Fully flat cassette Wall mounted unit Concealed ceiling unit			NEW Round flow cassette NEW Concealed ceiling unit Concealed ceiling unit Ceiling suspended unit
Pair application	✓	✓	✓	✓	✓
Twin/triple/ double twin		✓	✓	✓	

Which applications?
One system, for comfort cooling / heating and infrastructure cooling applications

Online support

Business portal

› Experience our new extranet that thinks with you at my.daikin.eu
› Access via mobile device or desktop

my.daikin.eu

Comfort heating and cooling

› Extract heat from the outside air, even in cold weather (down to -20°C).
› Electrically powered compressor.
› Extremely effective at heating.
› Silent and discreet,
› State-of-the-art technology to keep energy bills as low as possible.

Top seasonal efficiency

› A++ label both in cooling and heating for combination FCQHG71F/100F + RZQG71L9V1/100L9V1
› Top efficiency by choosing R-32 products (minimum 5% more efficient when compared to R-410A)

BLUEVOLUTION

Reliable infrastructure cooling

› For rooms and enclosures that require round-the-clock cooling
› Boosted capacity indoor units boost cooling capacity and prevent freeze-ups on the indoor side
› Wide operating range envelope: operation range in cooling down to -15°C and up to +50°C

Control systems

User-friendly controls allow your customers to manage their Sky Air system for maximum efficiency:
› From individualised unit control to centralised management via touchscreen options and interfaces, they are in control at all times.
› The DIII-net connection is standard, allowing you to link into the wider building management systems.
› One or multiple buildings can be monitored from a distance using Internet monitoring.

Ventilation

Daikin's ventilation option provides a supply of fresh air to help create a healthy and high quality indoor environment.

Biddle air curtains

› Biddle air curtains can be used in combination with the Sky Air system to provide highly efficient heating at building entrances: Ideal for buildings with open door policies such as retail stores.

› Year round climate control and comfort even on the most demanding days.
› Payback time of less than 12 months compared with electric air curtains.

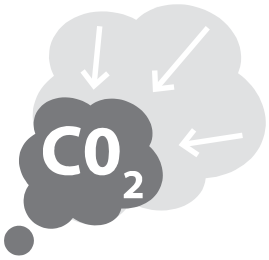
Sky Air Bluevolution

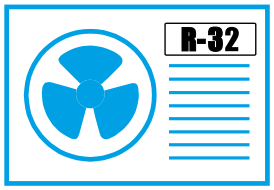
First light commercial product with R-32

Lowest environmental footprint in it's class

More details on page 106

- **Lowest environmental impact**
  - GWP reduced with 68% as compared with R-410A refrigerant
  - 10% lower refrigerant charge
- **Increased energy savings** thanks to R-32 refrigerant (minimum 5% more efficient in cooling when compared to R-410A products)
- **Reduced maintenance cost** as no yearly refrigerant containment leak check is required
- **Replacement technology**
- **Operation range** down to -20°C in heating mode





Pair applications:

- FCAHG71F / RZAG71LV1
- FCAHG100F / RZAG100LV1
- FCAHG125F / RZAG125LV1
- FCAHG140F / RZAG140LV1

RZAG-LV1

FCAHG-F

Be the leader in future technology

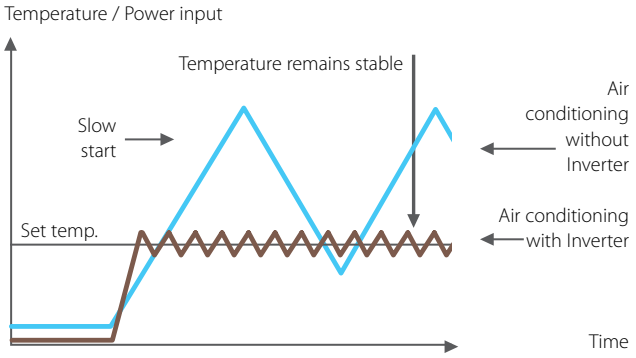
- Technology you can trust and invest for in the future
- Lead the market towards R-32 cutting carbon footprint

Best Seasonal performance in the market

Daikin's **inverter technology** is a **true innovation** in the field of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement - no more, no less! This technology provides two clear benefits:

› Comfort: The inverter repays its investment many times over by improving comfort. An air conditioning system with **an inverter continuously adjusts its cooling and heating output** to suit the temperature in the room, thus **improving comfort levels**. The inverter reduces system start-up time, so the required room temperature is reached more quickly. As soon as the correct temperature is reached, the inverter ensures that it is constantly maintained.

› Energy efficient: Because an inverter **monitors and adjusts** the ambient temperature whenever needed, **energy consumption drops by 30%** compared with a traditional on/off system.

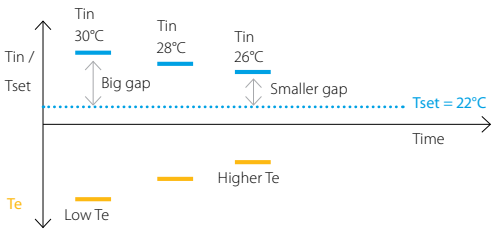


Variable refrigerant temperature

Variable Refrigerant Temperature

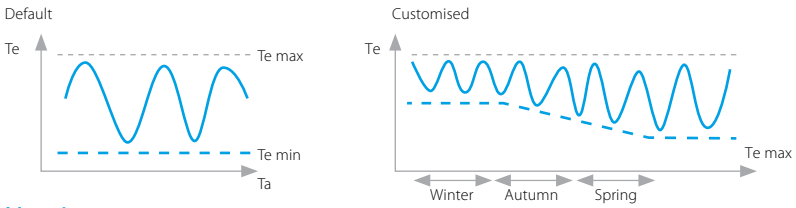
Biggest leap since the inverter compressor

1. Operates with variable refrigerant temperature: all Daikin Sky Air outdoor units are able to adapt their operation to meet your unique cooling and heating requirements, without comprimising efficiency.

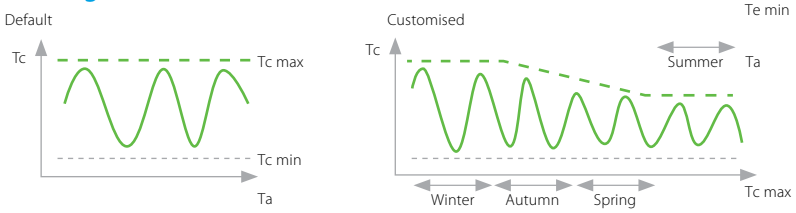


2. Go one step further in improving comfort and efficiency by having the possibility to customize the settings at time of installation. These special settings allow the boundaries of fluctuation of refrigerant's evaporating and condensing temperature to be customized to fit the application.

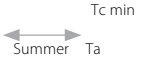
Cooling



Heating



Tin = indoor temperature / Tset = setpoint / Te = evaporating temperature of refrigerant
Tc = condensing temperature of refrigerant / Ta = ambient temperature

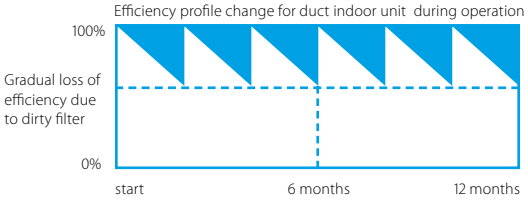


Auto cleaning filter for concealed ceiling units

A unique success story repeated

Reduced runningcosts

› Automatic filter cleaning
› Reduces running costs as the filter is alwas clean



Improved room air quality

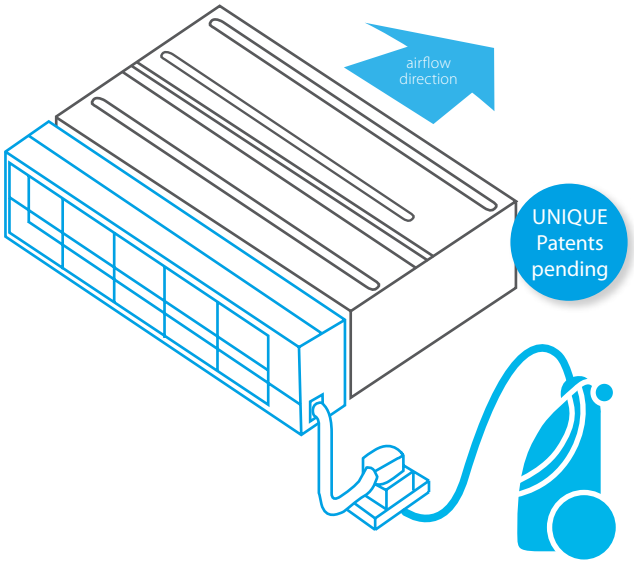
› Ensures optimum airflow at all times eliminating draft or increased sound

Minimal time required for filter cleaning

› Dust can easily be removed with a vacuum cleaner, once the dust box is full
› No more dirty ceilings

Unique technology

› Unique and newly developed filter technology based on experience from Daikin Auto cleaning cassette



How does it work?

› Filter cleaning takes place automatically with the timing set via the remote control
› The dust is collected in a dustbox integrated in the unit
› Once full dust can be removed easily via a vaccuum cleaner without opening the unit

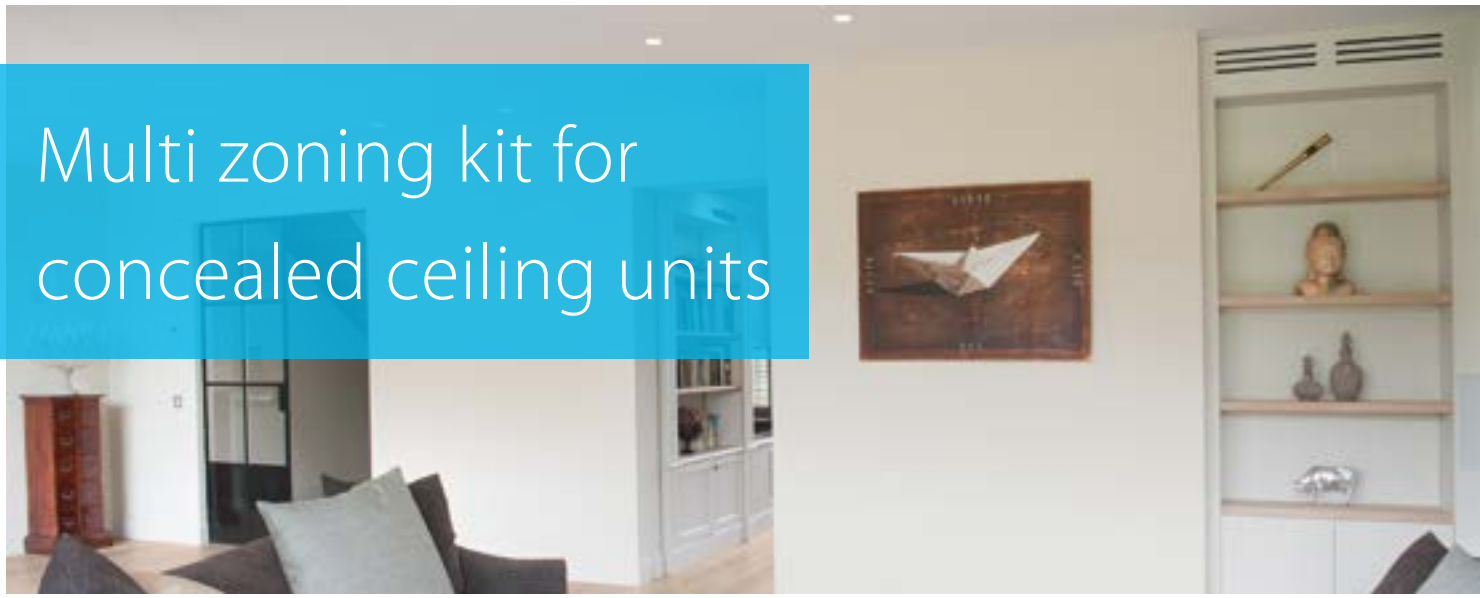
Combination table

	Split / Sky Air				VRV						
	FDXM-F3				FXDQ-A3						
	25	35	50	60	15	20	25	32	40	50	63
BAE20A62	●	●			●	●	●	●			
BAE20A82									●	●	
BAE20A102			●	●							●

*Note: blue cells combination to be confirmed

Specifications

	BAE20A62	BAE20A82	BAE20A102
Heigth (mm)	212		
Width (mm)	764	964	1164
Width (mm) (incl. hanger bracket)	984	1094	1294
Depth (mm)	201		



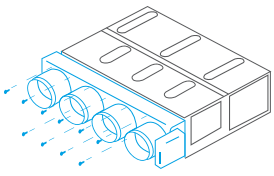
Multi zoning kit for concealed ceiling units

Increase flexiblity: heat or cool multiple rooms with one indoor unit

The zoning kit increases the flexibility of Split, Sky Air and VRV system applications by allowing multiple individually-controlled climate zones to be served by one indoor unit

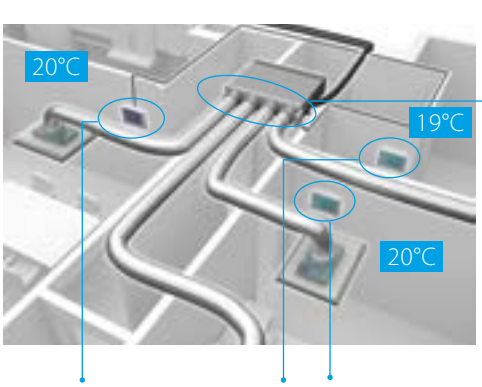
› Increases comfort levels by allowing more individual zone control
  - Up to 8 individual zones can be served thanks to separate modulating dampers
  - Individual thermostat for room-by-room or zone-by-zone control

› Eco-adapt reduces the power consumption thanks to use dynamic setpoint temperatures
› Automatic air flow adjustment according to the demand
› Easy to install, integrates with the Daikin indoor units and system controls
› Promote the all in one package for the multi-zoning
› Time saving as plenum comes fully pre-assembled with dampers, and control boards
› Reduces the amount of refrigerant required in the installation



Plug and play plenum

How does it work?



Zoning box: fully pre-assembled plenum with dampers etc.

Individual zone thermostats

Blueface - Airzone Main Thermostat

› Color graphic interface for controlling zones
› Wired communication

Airzone Zone Thermostat

› Graphic interface with low-energy e-ink screen for controlling zones
› Radio communication

Airzone Zone Thermostat

› Thermostat with buttons for controlling the temperature
› Radio communication

Connectable to: (preliminary)

› FDXM-F3
› FBQ-D
› ADEQ-C
› FXDQ-A3
› FXSQ-A

Replacement technology

The quick and quality way of upgrading

R-22, R-407C and R-410A systems

Benefits that increase your profit

Optimise your business

Less installation time

Tackle more projects in less time thanks to faster installation. It is more profitable than replacing the full system with new piping.

Lower installation costs

Reducing installation costs enables you to offer customers the most cost-effective solution and improve your competitive edge.

Replace any system

NON DAIKIN > DAIKIN

It is a trouble-free replacement solution for Daikin systems and for systems made by other manufacturers.

Easy as one-two-three

A simple solution for replacement technology enables you to handle more projects for more customers in less time and offer them the best price! Everybody gains.

The benefits will convice your customer

- ☑ To prevent unexpected breakdown
- ☑ To lower running costs
- ☑ To protect the environment
- ☑ To improve comfort

Your copper pipes will last for multiple generations

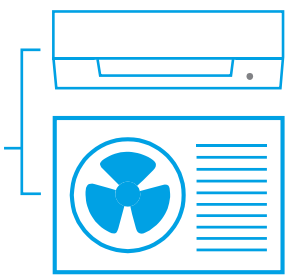
- copper pipes used in air conditioning systems tested by Daikin will last over 60 years after installation.

- Japan/China have replaced systems already 10 years ago!

Umeda Center Building, Japan
- original A/C system: 20 years in use
- replacement with VRV Q-series: 2006 - 2009
- capacity up from 1620HP to 2322HP
- SHASE renewal award:

How does it work?

The Daikin low-cost upgrade solution



! Replace indoor units

Contact your local dealer to check compatibility in case you need to keep the indoor units.

! Replace outdoor units

Learn more about Daikin replacement solutions at www.daikineurope.com/minisite/r22

Infrastructure cooling

› For rooms and enclosures that require round-the-clock cooling
› Where continuous uptime is the absolute requirement for server data protection and equipment protection

Between **20-40%** sensible capacity increase

Reliable

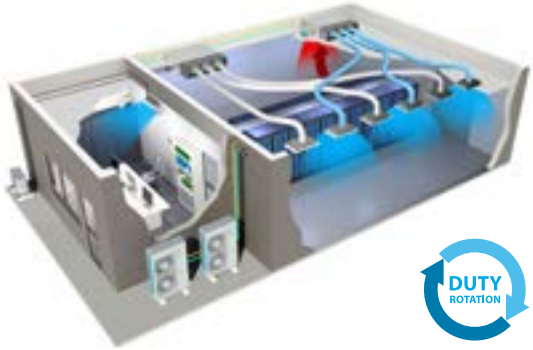
Guaranteed system operation:
› Oversized indoor units boost cooling capacity and prevent freeze-ups on the indoor side
› Wide operating range envelope: operation range in cooling down to -15°C and up to +50°C

Efficient

Optimum return on investment:
› Lowers running costs by using highly efficient direct expansion cooling systems
› Lower running costs compared to other DX systems and water based chillers.
› Minimises environmental impact with A++ energy labels
› Reduces mechanical cooling and energy consumption with the free cooling option for single phase systems

Flexible

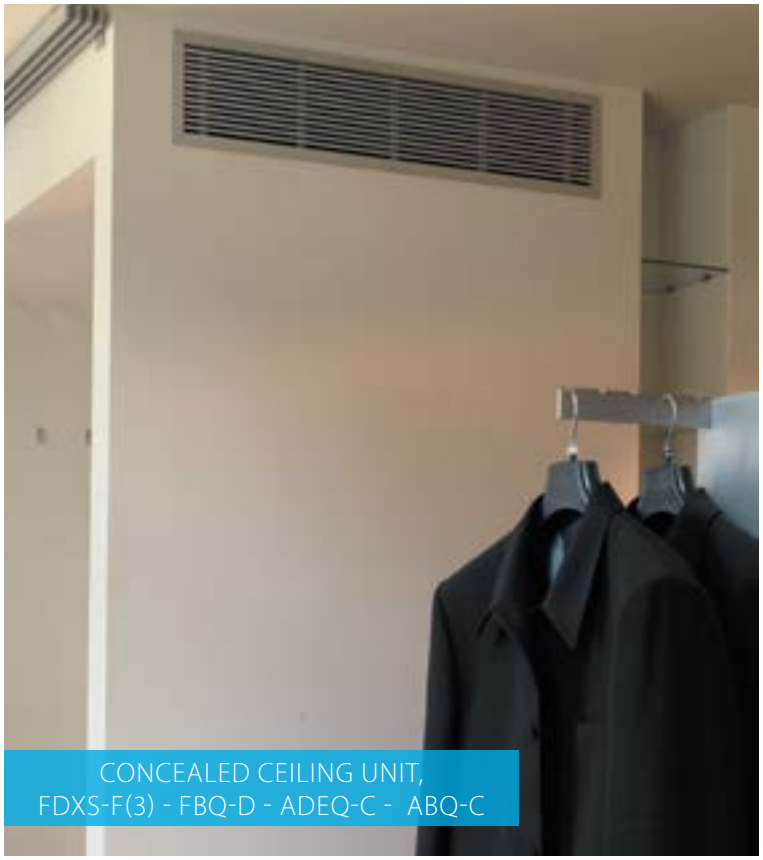
› Scalable in capacity
› Improved infrastructure control and management
› Lower physical footprint since no floor space is occupied
› Wide range of indoor units to suit application preferences (ceiling suspended cassettes, wall mounted indoors, concealed ceiling ducted type indoors)



BRC1E53

Duty rotation compatibility	Modelname
Wired remote control	BRC1E53*
Conceiled ceiling system	FBQ-D
Wall mounted system	FAQ-C9
Ceiling suspended system	FHQ-CB
Seasonal Smart	RZQG-L9V1 RZQG-L(8)Y1

ROUND FLOW CASSETTE,
FCAHG-F - FCQG-F - FCQHG-F



CONCEALED CEILING UNIT,
FDXS-F(3) - FBQ-D - ADEQ-C - ABQ-C

CONCEALED FLOOR
STANDING UNIT , FNQ-A

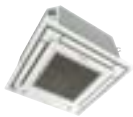
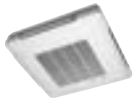
4-WAY BLOW CEILING
SUSPENDED CASSETTE , FUQ-C

WALL MOUNTED UNIT, FAQ-C9

CEILING SUSPENDED CASSETTE, FHQ-C

FULLY FLAT CASSETTE, FFQ-C

Product overview

Type	Model	Product name	
Ceiling mounted cassette	UNIQUE High COP, round flow cassette	FCAHG-F BLUEVOLUTION	1st R-32 commercial unit in the European market
		FCQHG-F	
	UNIQUE Round flow cassette	FCQG-F[1]	
	UNIQUE Fully flat cassette	FFQ-C	
Concealed ceiling	Small concealed ceiling unit	FDBQ-B	
	Slim concealed ceiling unit	FDXS-F3	
	Concealed ceiling unit with medium ESP	FBQ-D[1]	
	Concealed ceiling unit with high ESP	FDQ-C	
	Concealed ceiling unit with high ESP	FDQ-B[1]	
	NEW Concealed ceiling unit	ADEQ-C	
	Concealed ceiling unit	ABQ-C	
Wall mounted	Wall mounted unit	FAQ-C9	
Ceiling suspended	Ceiling suspended unit	FHQ-CB[1]	
	UNIQUE 4-way blow ceiling suspended unit	FUQ-C[1]	
	Ceiling suspended unit	AHQ-C	
Floor standing	Floor standing unit	FVQ-C	
	Concealed floor standing unit	FNQ-A	

1) Twin, triple, double twin application is only possible up to 125 class

Capacity class (kW)

	25	35	50	60	71	100	125	140	200	250
First R-32 BLUEVOLUTION light commercial range available in Europe - Lowest environmental impact: reduced GWP and higher efficiency compared to R-410A products - 5 different fan speeds available - Reduces maintenance costs as no yearly refrigerant containment check is required - Includes all R-410A high COP round flow cassette features	ROUND FLOW				▪	▪	▪	▪		
- 360° air discharge for the highest efficiency and comfort - High COP cassette ensures top performance for commercial applications - Auto cleaning function ensures high efficiency - Intelligent sensors save energy and maximize comfort					▪	▪	▪	▪		
360° air discharge for the highest efficiency and comfort - Auto cleaning function ensures high efficiency - Intelligent sensors save energy and maximize comfort - Flexibility to suit every room layout - Lowest installation height in the market - 27~29 dB(A) on low fan speed	ROUND FLOW		▪	▪	▪	▪	▪	▪		
Unique design in the market that integrates fully flat into the ceiling - Perfect integration in standard architectural ceiling tiles - Blend of iconic design and engineering excellence with a white or silver and white finish - Intelligent sensors save energy and maximize comfort - Flexibility to suit every room layout without changing the location of the unit! - Quietest 600 x 600 cassette on the market	▪	▪	▪	▪						
Designed for hotel bedrooms and ensuring a good night rest - Compact dimensions enable installation in narrow ceiling voids - Easy mounting: drain pan can be located left or right of the unit - Discretely concealed in the ceiling: only the grilles are visible - Flexible installation as the air suction direction can be altered from rear to bottom suction	▪									
Slim design for flexible installation - Medium external static pressure up to 40Pa - Small capacity unit developed for small of well insulated rooms	▪	▪	▪	▪					New auto cleaning filter!	
Slimmest yet most powerfull medium static pressure unit on the market! - Slimmest unit in class, only 245mm - Low operating sound level - Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths - Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort		▪	▪	▪	▪	▪	▪	▪		
ESP up to 200Pa, ideal for large sized buildings - Discretely concealed in the ceiling: only the grilles are visible - Possibility to change ESP via wired remote control allows optimisation of the supply air volume - Flexible installation as the air suction direction can be altered from rear to bottom suction							▪			
ESP up to 250Pa, Ideal for extra large sized spaces - Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible - Up to 26.4kW in heating mode									▪	▪
Slimmest yet most powerfull medium static pressure unit on the market! - Slimmest unit in class, only 245mm - Low operating sound level - Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths - Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort					▪	▪	▪		New combination with AZQS!	
Ideal for medium sized shops with false ceilings - Discretely concealed in the ceiling: only the grilles are visible - Best protection against possible water leakage					▪	▪	▪	▪		
For rooms with no false ceilings nor free floor space - The air is comfortably spread up- and downwards thanks to 5 different discharge angles - Easy maintenance as this can be done from the front of the unit - Easy to install: 100 class is 35% lighter than previous model - Flexible to install: pipe connection can be bottom, left or right					▪	▪				
For wide rooms with no false ceilings nor free floor space - Ideal for comfortable air flow in wide rooms thanks to Coanda effect - Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily! - Can be mounted in corners or narrow spaces without any problem		▪	▪	▪	▪	▪	▪	▪		
Unique Daikin unit for high rooms with no false ceilings nor free floor space - Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily! - Flexibility to suit every room layout without changing the location of the unit! - Optimum comfort guaranteed with automatic air flow adjustment to the required load - The air is comfortably spread up- and downwards thanks to 5 different discharge angles					▪	▪	▪		New combination with Seasonal Classic available!	
For wide rooms with no false ceilings nor free floor space - Guarantees a stable temperature					▪	▪	▪	▪		
For spaces with high ceilings - Ideal solution for commercial spaces with no or narrow false ceilings - Even rooms with very high ceilings can be heated up or cooled down very easily! - Guarantees a stable temperature - Vertical and horizontal outblow					▪	▪	▪	▪		
Designed to be concealed in walls, only grilles remain visible - Slimmest unit on the market with a depth of only 200mm! - Both window sill or ducted installation are possible thanks to sufficient ESP - Whisper quiet operation allows installation in any location	▪	▪	▪	▪						

Benefits overview Sky Air

We care	Seasonal efficiency - Smart use of energy	Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season.
	Inverter technology	In combination with inverter controlled outdoor units
	Home leave operation	During absence, the indoor temperature can be maintained at a certain level.
	Fan only	The air conditioner can be used as fan, blowing air without cooling or heating.
	Auto cleaning filter	The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.
	Floor and presence sensor	The presence sensor directs the air away from any person detected in the room, when the air flow control is on. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor.
Comfort	Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.
	Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neightbourhood.
	Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature.
Air treatment	Air filter	Removes airborne dust particles to ensure a steady supply of clean air.
Humidity control	Dry programme	Allows humidity levels to be reduced without variations in room temperature.
Air flow	Ceiling soiling prevention	A special function prevents air blowing out too long in horizontal position, to prevent ceiling stains.
	Vertical auto swing	Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution.
	Fan speed steps	Allows to select up to the given number of fan speed.
	Individual flap control	Individual flap control via the wired remote controller makes it simple to fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well.
Remote control & timer	Weekly timer	Timer can be set to start operation anytime on a daily or weekly basis
	Infrared remote control	Infrared remote control with LCD to start, stop and regulate the air conditioner from a distance.
	Wired remote control	Wired remote control to start, stop and regulate the air conditioner from a distance.
	Centralised control	Centralised control to start, stop and regulate several air conditioners from one central point.
Other functions	Infrastructure cooling	Remove in a reliable, efficient and flexible way the heat constantly generated by the IT and server equipment to ensure maximum uptime while offering the best return on investment.
	Auto-restart	The unit restarts automatically at the original settings after power failure.
	Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies.
	Drain pump kit	Facilitates condensation draining from the indoor unit.
	Twin/triple/double twin application	2, 3 or 4 indoor units can be connected to only 1 outdoor unit even if they have different capacities. All indoor units operate within the same mode (cooling or heating) from one remote control.
	Multi model application	Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.
	VRV for residential application	Up to 9 indoor units (even different capacities and up to 71 class) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.

Ceiling mounted cassette units				Concealed ceiling units NEW							Ceiling suspended units		4-Way blow ceiling suspended unit	Wall mounted unit	Floor standing units	
FCAHG-F	**FCQHG-F**	**FCQG-F**	**FFQ-C**	**FDBQ-B**	**FDXS-F3**	**FBQ-D**	**FDQ-C**	**FDQ-B**	**ADEQ-C**	**ABQ-C**	**FHQ-C**	**AHQ-C**	**FUQ-C**	**FAQ-C**	**FVQ-C**	**FNQ-A**
R-32																
●	●	●	●	●		●	●		●	●	●	●	●	●	●	●
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FCQG-F/FCQHG-F/FXFQ-A

Auto cleaning cassette

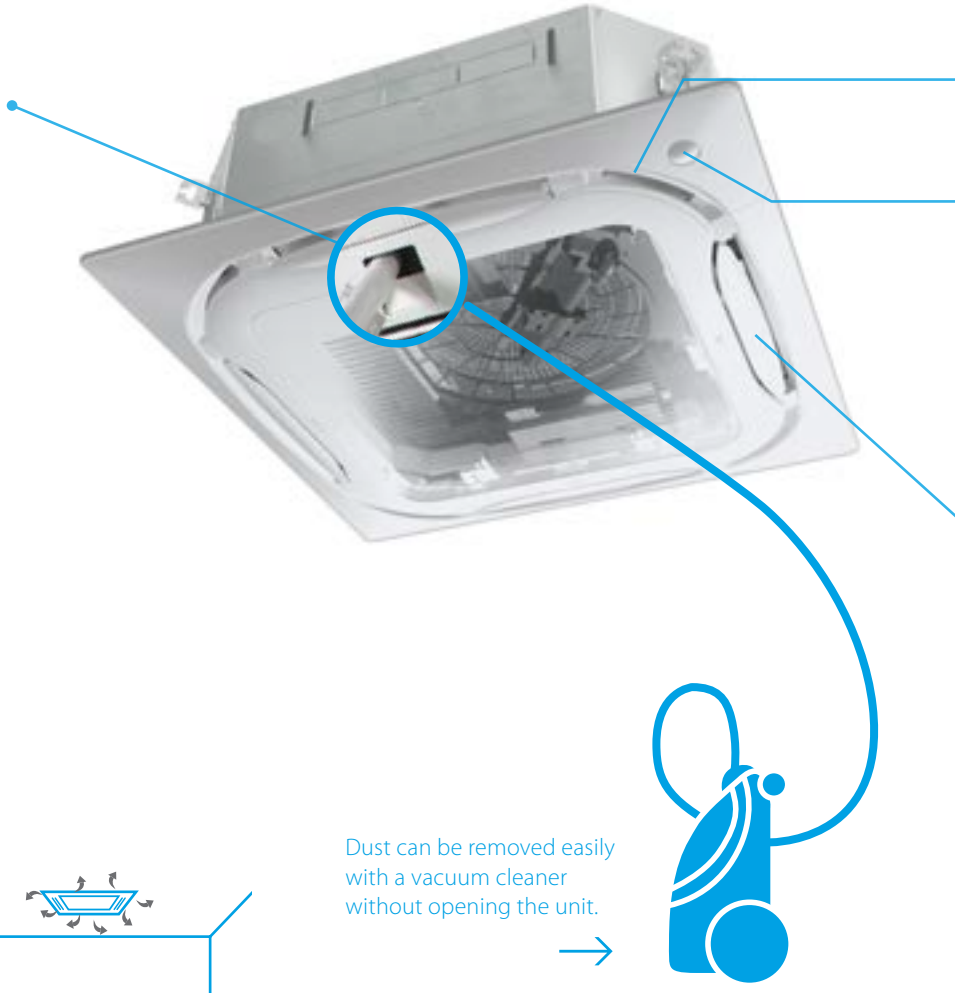
More energy efficient and user-friendly than any other cassette

› Running costs are reduced by 50% compared with standard solutions
› Automatic filter cleaning.
› Less time is required to maintain the filter: dust can be removed easily with a vacuum cleaner without opening the unit.

Finer mesh panel

› For dust prone areas (i.e. clothing and book shops) a finer mesh panel (BYCQ140DGF) ensures consistent performance and optimum air distribution
› Clean ceilings ensured thanks to fine mesh and clean filter

BYCQ140DG	BYCQ140DGF
Auto-cleaning panel	auto-cleaning panel with fine mesh filter
White with grey louvers	White with grey louvers



Dust can be removed easily with a vacuum cleaner without opening the unit.

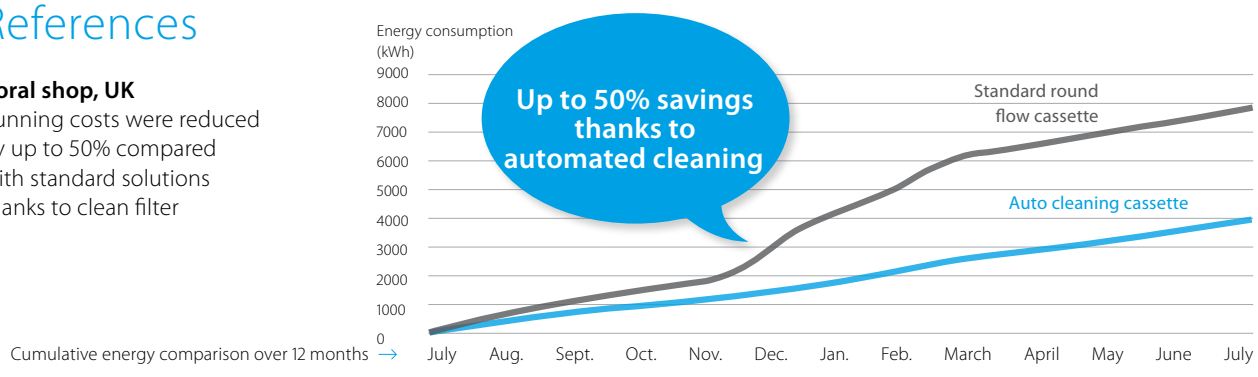
Auto-cleaning cassette for maintaining the optimum store atmosphere

Air distribution with a clean filter

Air distribution with a dusty filter

References

Coral shop, UK
Running costs were reduced by up to 50% compared with standard solutions thanks to clean filter



Why choose a round flow cassette?

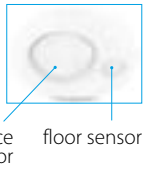
- 360° air discharge for optimum comfort
- Intelligent sensors for maximum efficiency

360° air discharge for improved comfort

› Industry-first and proven design.

Intelligent sensors improve efficiency and comfort even more

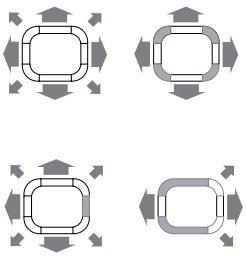
› The presence sensor adjusts the set point if no one is detected in the room leading to up to 27% savings. It also automatically directs air flow away from any person to avoid draught.

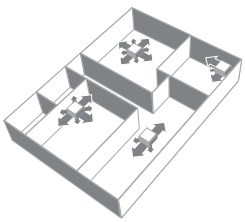


› The infrared floor sensor detects the average floor temperature and ensures even temperature distribution between ceiling and floor to prevent cold feet.

Flexible installation

› Flaps can be individually controlled or closed using the wired remote control, to suit room configuration. Optional closure kits are also available.





Benefits for the installer

› Product with unique functions in this market.
› Less time needed for onsite maintenance.
› Use the controller to individually open or close any of the four flaps to easily adapt to a changing room layout.
› Easy set-up of the sensor option to improve comfort and save energy.

Benefits for the consultant

› Product with unique functions in this market.
› Designed for use in all types and sizes of commercial offices and retail environments.
› Ideal product for improving BREEAM score/EPBD in combination with Sky Air Seasonal Smart or VRV IV heat pump units.

Benefits for the end user

› Designed for use in all types and sizes of commercial offices and retail environments.
› Perfect environment conditions: no more draughts or cold feet.
› Save up to 50% on running costs with the auto-cleaning panel, which also facilitates maintenance.
› Your customers can save up to 27% on their energy bills thanks to the sensor option.
› Flexible use of space thanks to individual flap control.

Marketing tools

› Visit the website: www.daikineurope.com/minisite/round-flow-cassette/

www.youtube.com/DaikinEurope

FIRST LIGHT COMMERCIAL RANGE IN
THE MARKET WITH R-32 REFRIGERANT

R-32

Seasonal Smart
BLUEVOLUTION

High COP, round flow cassette

First R-32 BLUEVOLUTION light commercial range available in Europe

- Industry leading technology extended with R-32
- 68% lower GWP compared to R-410A products
- 10% lower refrigerant charge compared to R-410A equivalent
- Over 5% more efficient in cooling compared to R-410A equivalent
- Duty rotation control (via BRC1E53A/B/C)
- Power saving mode can be set to 70% or 40% of the demand (via BRC1E53A/B/C)
- 5 different fan speeds available
- Includes all R-410A high COP round flow cassette features

FCAHG71-100-125-140F

RZAG71LV1

BRC1E53A-B-C BRC7FA532F

Industry first!

Efficiency data				FCAHG + RZAG	71F + 71LV1	100F + 100LV1	125F + 125LV1	140F + 140LV1
Cooling capacity	Nom.			kW	6.8	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	1.66	2.15	3.00	4.00
	Heating	Nom.		kW	1.56	2.16	3.07	3.77
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A++			-
		Pdesign		kW	6.80	9.50	12.00	-
		SEER			7.35 (1)		6.94 (1)	-
		Annual energy consumption		kWh	324	452	605	-
	Heating (Average climate)	Energy label			A+	A++		-
		Pdesign		kW	5.65	9.13	9.52	-
		SCOP/A			4.54 (1)	4.64 (1)	4.63 (1)	-
		Annual energy consumption		kWh	1,743	2,753	2,879	-
Nominal efficiency	EER				4.09	4.42	4.00	3.35
	COP				4.80	4.99	4.40	4.12
	Annual energy consumption			kWh	830	1,075	1,500	2,000
	Energy label	Cooling/Heating			A/A			

Indoor unit				FCAHG	71F	100F	125F	140F
Dimensions	Unit	HeightxWidthxDepth		mm	288x840x840			
Weight	Unit			kg	25.0	26.0		
Decoration panel	Model				BYCQ140DGF - auto cleaning panel with fine mesh filter / BYCQ140DG - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers			
	Colour				Pure White (RAL 9010)			
	Dimensions	HeightxWidthxDepth		mm	130x950x950 / 130x950x950 / 50x950x950 / 50x950x950			
Weight				kg	10 / 10.3 / 5.4 / 5.4			
Air filter	Type				Resin net			
Fan - Air flow rate	Cooling	High/Low		m^3/min	21.2/12.2	32.3/19.0	33.5/19.9	33.5/21.1
	Heating	High/Low		m^3/min	21.2/12.2	32.3/19.0	33.5/19.9	33.5/21.1
Sound power level	Cooling			dBA	53	61		
	Heating			dBA	53	61		
Sound pressure level	Cooling	High/Low		dBA	36/29	44/33	45/35	45/37
	Heating	High/Low		dBA	36/29	44/33	45/35	45/37
Control systems	Infrared remote control				BRC7FA532F			
	Wired remote control				BRC1D52 / BRC1E53A/B/C			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240			

Outdoor unit				RZAG	71LV1	100LV1	125LV1	140LV1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320		
Weight	Unit			kg	67	93		
Sound power level	Cooling			dBA	64		66	67
Sound pressure level	Cooling	Nom.		dBA	48	49	51	52
	Heating	Nom.		dBA	50	51	52	
	Night quiet mode	Level 1		dBA	43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50			
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5			
Refrigerant	Type				R-32			
	Charge			kg	2.6	3.4		
				TCO_2eq	1.8	2.3		
	GWP				675			
Piping connections	Liquid	OD		mm	9.52			
	Gas	OD		mm	15.9			
	Piping length	OU - IU	Max.	m	55	85		
		System	Equivalent	m	75	100		
			Chargeless	m	30			
	Additional refrigerant charge			kg/m	See installation manual			
	Level difference	IU - OU	Max.	m	30.0			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

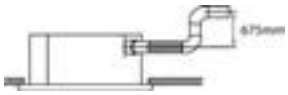
(1) EER/COP according to Eurovent 2012, for use outside EU only (2) Contains fluorinated greenhouse gases

Round flow cassette

360° air discharge for optimum efficiency and comfort

Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance

- Lowest installation height in the market: 204mm for class 71
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Modern style decoration panel is available in 3 different variations: white (RAL9010) with grey louvers, full white (RAL9010) or auto cleaning panel
- Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- Two optional intelligent sensors improve energy efficiency and comfort.
- No optional adapter needed for DIII-connection, link your unit into the wider building management system.
- Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- Optional fresh air intake
- Standard drain pump with 675mm lift increases flexibility and installation speed



Efficiency data				**FCQG + RZQG**	**71F + 71L9V1**	**100F + 100L9V1**	**125F + 125L9V1**	**140F + 140L9V1**	**71F + 71L8Y1**	**100F + 100L8Y1**	**125F + 125L8Y1**	**140F + 140LY1**
Cooling capacity	Nom.			kW	6.8	9.5	12.0	13.4	6.8	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	2.01	2.45	3.22	-	2.01	2.45	3.22	4.17
	Heating	Nom.		kW	1.89	2.60	3.72	-	1.89	2.60	3.72	4.30
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		A+	-	A++		A+	-
		Pdesign		kW	6.80	9.50	12.00	-	6.80	9.5	12	-
		SEER			6.72	6.80	6.00	-	6.72	6.8	6	-
		Annual energy consumption		kWh	355	489	700	-	355	489	700	-
	Heating (Average climate)	Energy efficiency class			A+	A++	A+	-	A+	A++	A+	-
		Pdesign		kW	6.33	11.30	12.66	-	6.33	11.3	12.66	-
		SCOP/A			4.20	4.61	4.10	-	4.20	4.61	4.1	-
		Annual energy consumption		kWh	2,110	3,432	4,323	-	2,110	3,432	4,323	-
Nominal efficiency	EER				3.39	3.87	3.73	3.21	3.39	3.87	3.73	3.21
	COP				3.97	4.15	3.63	3.61	3.97	4.15	3.63	3.61
	Annual energy consumption			kWh	1,005 (1)	1,225 (1)	1,610 (1)	-	1,005 (1)	1,225 (1)	1,610 (1)	-
	Energy labeling Directive	Cooling/Heating			A/A			-/-	A/A			-/-

Indoor unit				**FCQG**	**71F**	**100F**	**125F**	**140F**	**71F**	**100F**	**125F**	**140F**
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840	246x840x840			204x840x840	246x840x840		
Weight	Unit			kg	21	24			21	24		
Decoration panel	Model				BYCQ140DGF - auto cleaning panel with fine mesh filter / BYCQ140DG - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers							
	Colour				Pure White (RAL 9010)							
	Dimensions	HeightxWidthxDepth		mm	130x950x950 / 130x950x950 / 50x950x950 / 50x950x950							
	Weight			kg	10.3 / 10.3 / 5.4 / 5.4							
Air filter	Type				Resin net with mold resistance							
Fan - Air flow rate	Cooling	High/Low		m^3/min	15.0/9.1	22.8/12.4	26.0/12.4		15.0/9.1	22.8/12.4	26.0/12.4	
	Heating	High/Low		m^3/min	15.0/9.1	22.8/12.4	26.0/12.4		15.0/9.1	22.8/12.4	26.0/12.4	
Sound power level	Cooling			dBA	51	54	58		51	54	58	
	Heating			dBA	51	54	58		51	54	58	
Sound pressure level	Cooling	High/Low		dBA	33/28	37/29	41/29		33/28	37/29	41/29	
	Heating	High/Low		dBA	33/28	37/29	41/29		33/28	37/29	41/29	
Control systems	Infrared remote control				BRC7FA532F							
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C							
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240							

Outdoor unit				**RZQG**	**71L9V1**	**100L9V1**	**125L9V1**	**140L9V1**	**71L8Y1**	**100L8Y1**	**125L8Y1**	**140LY1**
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	69	95			80	101		
Sound power level	Cooling			dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA	48	50	51	52	48	50	51	52
	Heating	Nom.		dBA	50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA	43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50							
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5							
Refrigerant	Type				R-410A							
	Charge			kg	2.9	4.0			2.9	4.0		
				TCO_2eq	6.1	8.4			6.1	8.4		
	GWP				2,087.5							
Piping connections	Liquid	OD		mm	9.52							
	Gas	OD		mm	15.9							
	Piping length	OU - IU	Max.	m	50	75			50	75		
		System	Equivalent	m	70	90			70	90		
			Chargeless	m	30							
	Additional refrigerant charge			kg/m	See installation manual							
	Level difference	IU - OU	Max.	m	30.0							
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	25	40			16	25		

(1) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel. (2) EER/COP according to Eurovent 2012, for use outside EU only | The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt. (3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

ROUND FLOW

Seasonal Classic

Round flow cassette

360° air discharge for optimum efficiency and comfort

Combination with Seasonal Classic ensures good value for money for all types of commercial applications

FCQG100-125-140F

RZQG100-125-140L9V1/L(8)Y1

BRC1E53A-B-C, BRC7FA532F

Efficiency data				FCQG + RZQSG	71F + 71L3V1	100F + 100L9V1	125F + 125L9V1	140F + 140L9V1	100F + 100L8Y1	125F + 125L8Y1	140F + 140LY1
Cooling capacity	Nom.			kW	6.8	9.5	12.0	13.4	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	2.12	2.88	3.74	4.45	2.88	3.74	4.45
	Heating	Nom.		kW	2.08	3.05	3.96	4.54	3.05	3.96	4.54
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++	A		-	A++	A	-
		Pdesign		kW	6.80	9.50	12.00	-	9.5	12	-
		SEER			6.10	6.50	5.30	-	6.5	5.3	-
		Annual energy consumption		kWh	390	512	793	-	512	793	-
	Heating (Average climate)	Energy efficiency class			A+	B		-	A+		-
		Pdesign		kW	6.33	7.60	8.03	-	7.6	8.03	-
		SCOP/A			4.10		4.01	-	4.1	4.01	-
		Annual energy consumption		kWh	2,162	2,596	2,804	-	2,596	2,804	-
Nominal efficiency	EER				3.21	3.30	3.21	3.01	3.30	3.21	3.01
	COP				3.61	3.54	3.41		3.54	3.41	
	Annual energy consumption			kWh	1,060 (1)	1,440 (1)	1,870 (1)	-	1,440 (1)	1,870 (1)	2,225 (1)
	Energy labeling Directive	Cooling/Heating			A/A	A/B		-/-	A/A	A/B	-/-

Indoor unit				FCQG	71F	100F	125F	140F	100F	125F	140F
Dimensions	Unit	HeightxWidthxDepth	mm		204x840x840	246x840x840					
Weight	Unit		kg		21	24					
Decoration panel	Model				BYCQ140DGF - auto cleaning panel with fine mesh filter / BYCQ140DG - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers						
	Colour				Pure White (RAL 9010)						
	Dimensions	HeightxWidthxDepth	mm		130x950x950 / 130x950x950 / 50x950x950						
	Weight		kg		10.3 / 10.3 / 5.4 / 5.4						
Air filter	Type				Resin net with mold resistance						
Fan - Air flow rate	Cooling	High/Low	m^3/min		15.0/9.1	22.8/12.4	26.0/12.4		22.8/12.4	26.0/12.4	
	Heating	High/Low	m^3/min		15.0/9.1	22.8/12.4	26.0/12.4		22.8/12.4	26.0/12.4	
Sound power level	Cooling		dBA		51	54	58		54	58	
	Heating		dBA		51	54	58		54	58	
Sound pressure level	Cooling	High/Low	dBA		33/28	37/29	41/29		37/29	41/29	
	Heating	High/Low	dBA		33/28	37/29	41/29		37/29	41/29	
Control systems	Infrared remote control				BRC7FA532F						
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C						
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240						

Outdoor unit					RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth		mm		770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg		67	72	74	95	82		101
Sound power level	Cooling			dBA		65	70		69		70	69
Sound pressure level	Cooling	Nom./Silent operation		dBA		49/47	53/-	54/-	53/-		54/-	53/-
	Heating	Nom.		dBA		51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA		-	49					
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-15.0~46	-15~46					
	Heating	Ambient	Min.~Max.	°CWB		-15~15.5						
Refrigerant	Type					R-410A						
	Charge			kg		2.75	2.9		4.0	2.9		4.0
				TCO_2eq		5.7	6.1		8.4	6.1		8.4
	GWP					2,087.5						
Piping connections	Liquid	OD		mm		9.52						
	Gas	OD		mm		15.9						
	Piping length	OU - IU	Max.	m		50						
		System	Equivalent	m		70						
			Chargeless	m		30						
	Additional refrigerant charge			kg/m		See installation manual						
	Level difference	IU - OU	Max.	m		15	30.0					
Power supply	Phase / Frequency / Voltage			Hz / V		1~ / 50 / 220-240			3N~ / 50 / 380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A		20	32		16			20

(1) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel. (2) EER/COP according to Eurovent 2012, for use outside EU only (3) The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt. (4) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

ROUND FLOW

Round flow cassette

NEW combination!

360° air discharge for optimum efficiency and comfort

Ideal solution for small businesses

Efficiency data				FCQG + AZQS	71F + 71BV1	100F + 100B8V1	125F + 125B8V1	140F + 140B8V1	100F + 100BY1	125F + 125BY1	140F + 140BY1
Cooling capacity	Nom.			kW	6.8	9.5	12.1	13.0	9.5	12.1	13.0
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	2.19	2.96	3.90	4.63	2.96	3.90	4.63
	Heating	Nom.		kW	2.08	3.09	3.96	4.70	3.09	3.96	4.70
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+	A	-		A	-	
		Pdesign		kW	6.80	9.50	-		9.50	-	
		SEER			5.70	5.50	-		5.50	-	
		Annual energy consumption		kWh	418	605	-		605	-	
	Heating (Average climate)	Energy efficiency class			A+	A	-		A	-	
		Pdesign		kW	6.33	7.60	-		7.60	-	
		SCOP/A			4.00	3.85	-		3.85	-	
		Annual energy consumption		kWh	2,216	2,762	-		2,764	-	
Nominal efficiency	EER				3.11	3.21	3.10	2.81	3.21	3.10	2.81
	COP				3.61	3.50	3.41	3.30	3.50	3.41	3.30
	Annual energy consumption			kWh	1,0w93 (1)	1,480 (1)	1,952 (1)	2,313 (1)	1,480 (1)	1,952 (1)	2,313 (1)
	Energy labeling Directive	Cooling/Heating			B/A	A/B	B/B	C/C	A/B	B/B	-/-

Indoor unit				FCQG	71F	100F	125F	140F	100F	125F	140F
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840	246x840x840					
Weight	Unit			kg	21	24					
Decoration panel	Model				BYCQ140DGF - auto cleaning panel with fine mesh filter / BYCQ140DG - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers						
	Colour				Pure White (RAL 9010)						
	Dimensions	HeightxWidthxDepth		mm	130x950x950 / 130x950x950 / 50x950x950 / 50x950x950						
	Weight			kg	10.3 / 10.3 / 5.4 / 5.4						
Air filter	Type				Resin net with mold resistance						
Fan - Air flow rate	Cooling	High/Low		m^3/min	15.0/9.1	22.8/12.4	26.0/12.4		22.8/12.4	26.0/12.4	
	Heating	High/Low		m^3/min	15.0/9.1	22.8/12.4	26.0/12.4		22.8/12.4	26.0/12.4	
Sound power level	Cooling			dBA	51	54	58		54	58	
	Heating			dBA	51	54	58		54	58	
Sound pressure level	Cooling	High/Low		dBA	33/28	37/29	41/29		37/29	41/29	
	Heating	High/Low		dBA	33/28	37/29	41/29		37/29	41/29	
Control systems	Infrared remote control				BRC7FA532F						
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240						

Outdoor unit				AZQS	71BV1	100B8V1	125B8V1	140B8V1	100BY1	125BY1	140BY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	72.8	74.3	94.9	82		101
Sound power level	Cooling			dBA	64	70	71	70		71	70
Sound pressure level	Cooling	Nom.		dBA	48	53	54	53		54	53
	Heating	Nom.		dBA	50	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	43	49					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type				R-410A						
	Charge			kg	2.75	2.9		4.0	2.9		4.0
				TCO_2eq	5.7	6.1		8.4	6.1		8.4
	GWP				2,087.5						
Piping connections	Liquid	OD		mm	9.52						
	Gas	OD		mm	15.9						
	Piping length	OU - IU	Max.	m	30				30		
		System	Equivalent	m	40						
			Chargeless	m	30						
	Additional refrigerant charge			kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	30.0						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	-						

(1) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel. (2) EER/COP according to Eurovent 2012, for use outside EU only (3) The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt.

Round flow cassette

360° air discharge for optimum efficiency and comfort

Combination with Split outdoor units is ideal for small retail, offices or residential applications

FCQG100-125-140F

RXS35L3

BRC1E53A-B-C

BRC7FA532F

Efficiency data				**FCQG + RXS**	**35F + 35L3**	**50F + 50L**	**60F + 60L**
Cooling capacity	Min./Nom./Max.			kW	1.3/3.4/4.0	1.7/5.0/5.3	1.7/5.7/5.7
Heating capacity	Min./Nom./Max.			kW	1.3/4.20/5.2	1.7/6.00/6.0	1.7/7.0/7.0
Power input	Cooling	Min./Nom./Max.		kW	0.400/0.909/1.100	-/1.410/-	-/1.640/-
	Heating	Min./Nom./Max.		kW	0.230/1.200/1.840	-/1.620/-	-/1.990/-
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		
		Pdesign		kW	3.50	5.00	5.70
		SEER			6.35	6.48	6.22
		Annual energy consumption		kWh	193	270	321
	Heating (Average climate)	Energy efficiency class			A++		A+
		Pdesign		kW	3.32	4.36	4.71
		SCOP/A			4.90	4.29	4.00
		Annual energy consumption		kWh	949	1,426	1,646
Nominal efficiency	EER				3.74 (1)	3.55	3.48
	COP				3.50 (1)	3.7	3.52
	Annual energy consumption			kWh	455 (2)	705 (2)	820 (2)
	Energy labeling Directive	Cooling/Heating			A/B	A/A	A/B

Indoor unit				**FCQG**	**35F**	**50F**	**60F**
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840		
Weight	Unit			kg	18	19	
Decoration panel	Model				BYCQ140DGF - auto cleaning panel with fine mesh filter / BYCQ140DG - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers		
	Colour				Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth		mm	130x950x950 / 130x950x950 / 50x950x950 / 50x950x950		
	Weight			kg	10.3 / 10.3 / 5.4 / 5.4		
Air filter	Type				Resin net with mold resistance		
Fan - Air flow rate	Cooling	High/Low		m^3/min	12.5/8.7	12.6/8.7	13.6/8.7
	Heating	High/Low		m^3/min	12.5/8.7	12.6/8.7	13.6/8.7
Sound power level	Cooling			dBA	49		51
	Heating			dBA	49		51
Sound pressure level	Cooling	High/Low		dBA	31/27		33/28
	Heating	High/Low		dBA	31/27		33/28
Control systems	Infrared remote control				BRC7FA532F		
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				**RXS**	**35L3**	**50L**	**60L**
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300	
Weight	Unit			kg	34	47	48
Sound power level	Cooling			dBA	61	62	
	Heating			dBA	61	62	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	48/-/44	48/44/-	49/46/-
	Heating	High/Low/Silent operation		dBA	48/-/45	48/45/-	49/46/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
	Charge			kg	1.2	1.7	1.5
				TCO_2eq	2.5	3.5	3.1
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5	12.70	
	Piping length	OU - IU	Max.	m	20	30	
		System	Chargeless	m	10	-	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	15	20.0	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-230-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	10	20	

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel. (3) The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt. (4) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

ROUND FLOW

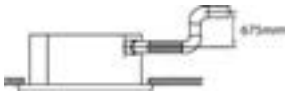
Seasonal Smart

High COP, round flow cassette

360° air discharge for optimum efficiency and comfort

Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance

- High COP cassette ensures top performance, great savings in energy consumption and a comfortable environment for commercial applications
- Lowest installation height in the market: 204mm for class 71
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Modern style decoration panel is available in 3 different variations: white (RAL9010) with grey louvers, full white (RAL9010) or auto cleaning panel
- Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- Two optional intelligent sensors improve energy efficiency and comfort.
- No optional adapter needed for DIII-connection, link your unit into the wider building management system.
- Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- Optional fresh air intake
- Standard drain pump with 675mm lift increases flexibility and installation speed



Efficiency data				FCQHG + RZQG	71F + 71L8Y1	100F + 100L8Y1	125F + 125L8Y1	140F + 140LY1	71F + 71L9V1	100F + 100L9V1	125F + 125L9V1	140F + 140L9V1
Cooling capacity	Nom.			kW	6.80	9.5	12.0	13.4	6.8	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	1.66	2.15	3.00	4.00	1.66	2.15	3.00	4.00
	Heating	Nom.		kW	1.56	2.16	3.07	3.77	1.56	2.16	3.07	3.77
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++			-	A++			-
		Pdesign		kW	6.80	9.5	12	-	6.80	9.50	12.00	-
		SEER			6.91	7	6.61	-	6.91	7.00	6.61	-
		Annual energy consumption		kWh	345	475	636	-	345	475	636	-
	Heating (Average climate)	Energy efficiency class			A+	A++		-	A+	A++		-
		Pdesign		kW	7.60	11.3	12.66	-	7.60	11.30	12.66	-
		SCOP/A			4.54	4.8	4.63	-	4.54	4.80	4.63	-
		Annual energy consumption		kWh	2,344	3,296	3,829	-	2,344	3,296	3,829	-
Nominal efficiency	EER				4.09	4.42	4.00	3.35	4.09	4.42	4.00	3.35
	COP				4.80	4.99	4.40	4.12	4.80	4.99	4.40	4.12
	Annual energy consumption			kWh	830 (1)	1,075 (1)	1,500 (1)	-	830 (1)	1,075 (1)	1,500 (1)	-
	Energy labeling Directive	Cooling/Heating			A/A			-/-	A/A			-/-

Indoor unit				FCQHG	71F	100F	125F	140F	71F	100F	125F	140F
Dimensions	Unit	HeightxWidthxDepth	mm		288x840x840							
Weight	Unit		kg		25	26			25	26		
Decoration panel	Model				BYCQ140DGF - auto cleaning panel with fine mesh filter / BYCQ140DG - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers							
	Colour				Pure White (RAL 9010)							
	Dimensions	HeightxWidthxDepth	mm		130x950x950 / 130x950x950 / 50x950x950 / 50x950x950							
	Weight		kg		10.3 / 10.3 / 5.4 / 5.4							
Air filter	Type				Resin net with mold resistance							
Fan - Air flow rate	Cooling	High/Low	m^3/min		21.2/12.2	32.3/19.0	33.5/19.9	33.5/21.1	21.2/12.2	32.3/19.0	33.5/19.9	33.5/21.1
	Heating	High/Low	m^3/min		21.2/12.2	32.3/19.0	33.5/19.9	33.5/21.1	21.2/12.2	32.3/19.0	33.5/19.9	33.5/21.1
Sound power level	Cooling		dBA		53	61			53	61		
	Heating		dBA		53	61			53	61		
Sound pressure level	Cooling	High/Low	dBA		36/29	44/33	45/35	45/37	36/29	44/33	45/35	45/37
	Heating	High/Low	dBA		36/29	44/33	45/35	45/37	36/29	44/33	45/35	45/37
Control systems	Infrared remote control				BRC7FA532F							
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C							
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240							

Outdoor unit				RZQG	71L8Y1	100L8Y1	125L8Y1	140LY1	71L9V1	100L9V1	125L9V1	140L9V1
Dimensions	Unit	HeightxWidthxDepth	mm		990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit		kg		80	101			69	95		
Sound power level	Cooling		dBA		64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.	dBA		48	50	51	52	48	50	51	52
	Heating	Nom.	dBA		50	52	53		50	52	53	
	Night quiet mode	Level 1	dBA		43	45			43	45		
Operation range	Cooling	Ambient Min.~Max.	°CDB		-15~50							
	Heating	Ambient Min.~Max.	°CWB		-20~15.5							
Refrigerant	Type				R-410A							
	Charge		kg		2.9	4.0			2.9	4.0		
			TCO_2eq		6.1	8.4			6.1	8.4		
	GWP				2,087.5							
Piping connections	Liquid	OD	mm		9.52							
	Gas	OD	mm		15.9							
	Piping length	OU - IU Max.	m		50	75			50	75		
		System Equivalent	m		70	90			70	90		
		Chargeless	m		30							
	Additional refrigerant charge		kg/m		See installation manual							
	Level difference	IU - OU Max.	m		30.0							
Power supply	Phase / Frequency / Voltage		Hz / V		3N~ / 50 / 380-415				1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)		A		16	25			40			

(1) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel. (2) EER/COP according to Eurovent 2012, for use outside EU only (3) The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt. (4) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

ROUND FLOW

Seasonal Classic

High COP, round flow cassette

360° air discharge for optimum efficiency and comfort

Combination with Seasonal Classic ensures good value for money for all types of commercial applications

FCQHG71-100-125-140F

RZQG100-125-140L9V1/L(8)Y1

BRC1E53A-B-C

BRC7FA532F

Efficiency data				FCQHG + RZQSG	71F + 71L3V1	100F + 100L9V1	125F + 125L9V1	140F + 140L9V1	100F + 100L8Y1	125F + 125L8Y1	140F + 140LY1
Cooling capacity	Nom.			kW	6.8	9.5	12.0	13.4	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	1.94	2.57	3.71	4.17	2.57	3.71	4.17
	Heating	Nom.		kW	1.83	2.51	3.60	4.29	2.51	3.60	4.29
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		A	-	A++	A	-
		Pdesign		kW	6.80	9.50	12.00	-	9.5	12	-
		SEER			6.50	6.70	5.40	-	6.7	5.4	-
		Annual energy consumption		kWh	366	497	778	-	497	778	-
	Heating (Average climate)	Energy efficiency class			A+			-	A+		-
		Pdesign		kW	7.60	8.03		-	8.03		-
		SCOP/A			4.15	4.30	4.10	-	4.3	4.1	-
		Annual energy consumption		kWh	2,563	2,615	2,742	-	2,615	2,742	-
Nominal efficiency	EER				3.50	3.70	3.23	3.21	3.70	3.23	3.21
	COP				4.10	4.30	3.75	3.61	4.30	3.75	3.61
	Annual energy consumption			kWh	970 (1)	1,285 (1)	1,855 (1)	-	1,285 (1)	1,855 (1)	-
	Energy labeling Directive	Cooling/Heating			A/A			-/-	A/A		-/-

Indoor unit				FCQHG	71F	100F	125F	140F	100F	125F	140F
Dimensions	Unit	HeightxWidthxDepth		mm	288x840x840						
Weight	Unit			kg	25	26					
Decoration panel	Model				BYCQ140DGF - auto cleaning panel with fine mesh filter / BYCQ140DG - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers						
	Colour				Pure White (RAL 9010)						
	Dimensions	HeightxWidthxDepth		mm	130x950x950 / 130x950x950 / 50x950x950 / 50x950x950						
	Weight			kg	10.3 / 10.3 / 5.4 / 5.4						
Air filter	Type				Resin net with mold resistance						
Fan - Air flow rate	Cooling	High/Low		m^3/min	21.2/12.2	32.3/19.0	33.5/19.9	33.5/21.1	32.3/19.0	33.5/19.9	33.5/21.1
	Heating	High/Low		m^3/min	21.2/12.2	32.3/19.0	33.5/19.9	33.5/21.1	32.3/19.0	33.5/19.9	33.5/21.1
Sound power level	Cooling			dBA	53	61					
	Heating			dBA	53	61					
Sound pressure level	Cooling	High/Low		dBA	36/29	44/33	45/35	45/37	44/33	45/35	45/37
	Heating	High/Low		dBA	36/29	44/33	45/35	45/37	44/33	45/35	45/37
Control systems	Infrared remote control				BRC7FA532F						
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240						

Outdoor unit				RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	72	74	95	82		101
Sound power level	Cooling			dBA	65	70		69		70	69
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	54/-	53/-		54/-	53/-
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-	49					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46	-15~46					
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type				R-410A						
	Charge			kg	2.75	2.9		4.0	2.9		4.0
				TCO_2eq	5.7	6.1		8.4	6.1		8.4
	GWP				2,087.5						
Piping connections	Liquid	OD		mm	9.52						
	Gas	OD		mm	15.9						
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
			Chargeless	m	30						
	Additional refrigerant charge			kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	15	30.0					
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32			16		20

(1) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel. (2) EER/COP according to Eurovent 2012, for use outside EU only (3) The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt.(4) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Fully Flat Cassette

Design & Genius in one

Why choose fully flat cassette

- Unique design in the market that integrates fully flat into the ceiling
- Advanced technology and top efficiency combined
- Most quiet cassette available on the market

FFQ-C / FXZQ-A

Choice between grey or white panel

universal design award 2014

GERMAN DESIGN AWARD SPECIAL 2016

Benefits for the installer

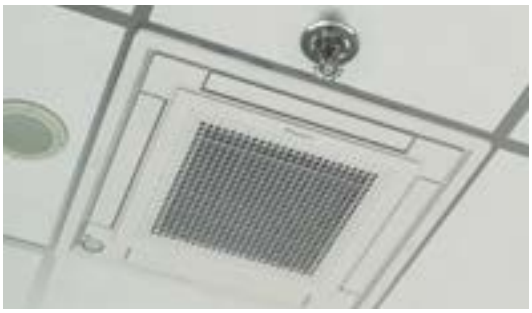
› Unique product in the market!
› Most quiet unit (25dBA)
› The user-friendly remote control, available in several languages, enables the easy set-up of sensor option and control of the individual flap position
› Meeting European design taste.

Benefits for the consultant

› Unique product in the market!
› Blends seamlessly in any modern office interior design
› Ideal product to improve BREEAM score/EPBD in combination with Sky Air Seasonal Smart (FFQ-C) or VRV IV heat pump units (FXZQ-A).

Benefits for the end user

› Engineering excellence and unique design in one
› Most quiet unit (25dBA)
› Perfect working conditions: no more cold draughts
› Save up to 27% on your energy bill thanks to the optional sensors
› Flexible usage of space and suits any room configuration thanks to individual flap control
› User-friendly remote control, available in several languages.



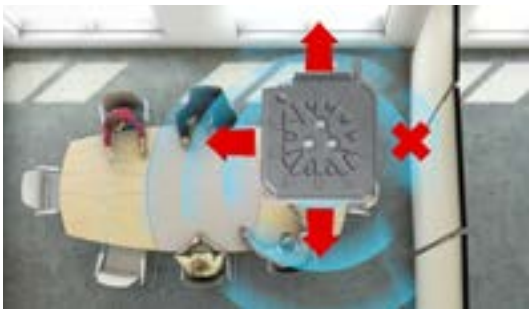
Unique design

› Designed by a European design office to fully meet the European taste.
› Fully flat into the ceiling, leaving only 8mm.
› Fully integrated in the one ceiling tile, enabling lights, speakers and sprinklers to be installed in adjoining ceiling tiles.
› Decoration panel available in 2 colours (white and white-silver).

Differentiating in technology

Optional presence sensor
› When the room is empty, it can adjust the set temperature or switch off the unit – saving energy.
› When people are detected, the direction of the airflow is adapted to avoid cold draughts being directed towards occupants.

Optional floor sensor
› Detects the temperature difference and re-directs the airflow to ensure even temperature distribution.



Top efficiency

› Seasonal labels up to A++*
› When the room is empty, the sensor option can adjust the set temperature or switch off the unit – saving up to 27% energy.

* for FFQ25,35C in combination with RXS25,35L3

Other benefits

› Individual flap control: easily control one or more flaps via the wired remote controller (BRC1E*) when rearranging the room. When fully closing or blocking the flaps, the option "Sealing member of air discharge outlet" is needed.
› Most silent cassette in the market (25dBA), important for office applications.

Marketing tools

› www.daikineurope.com/fullyflat
› www.youtube.com/DaikinEurope

Fully flat cassette

Unique design in the market that integrates fully flat into the ceiling

- Outdoor unit silent operation: „silent" button on the remote control lowers the operation sound of the outdoor unit by 3dBA to ensure a quiet environment for the neighbourhood.
- Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Two optional intelligent sensors improve energy efficiency and comfort.

- No optional adapter needed for DIII-connection, link your unit into the wider building management system.
- Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- Optional fresh air intake
- Standard drain pump with 675mm lift increases flexibility and installation speed

Efficiency data				**FFQ + RXS**	**25C + 25L3**	**35C + 35L3**	**50C + 50L**	**60C + 60L**
Cooling capacity	Min./Nom./Max.			kW	1.4/2.50/4.0	1.4/3.4/4.0	1.7/5.0/5.3	1.7/5.7/6.5
Heating capacity	Min./Nom./Max.			kW	1.3/3.20/5.1	1.3/4.20/5.1	1.7/5.8/6.0	1.7/7.0/8.0
Power input	Cooling	Min./Nom./Max.		kW	0.360/0.551/1.470	0.360/0.899/1.470	-/1.560/-	-/1.890/-
	Heating	Min./Nom./Max.		kW	0.300/0.820/1.650	0.300/1.200/1.650	-/1.660/-	-/2.050/-
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		A+	
		Pdesign		kW	2.50	3.40	5.00	5.70
		SEER			6.11	6.32	5.93	5.71
		Annual energy consumption		kWh	143	188	295	349
	Heating (Average climate)	Energy efficiency class			A+		A	A+
		Pdesign		kW	2.31	3.10	3.84	3.96
		SCOP/A			4.24	4.10	3.90	4.04
		Annual energy consumption		kWh	763	1,059	1,378	1,373
Nominal efficiency	EER				4.53 (1)	3.78 (1)	3.21	3.02
	COP				3.90 (1)	3.50 (1)	3.49	3.41
	Annual energy consumption			kWh	276	450	780	945
	Energy labeling Directive	Cooling/Heating			A/A		A/B	B/B

Indoor unit				**FFQ**	**25C**	**35C**	**50C**	**60C**
Dimensions	Unit	HeightxWidthxDepth		mm	260x575x575			
Weight	Unit			kg	16		17.5	
Decoration panel	Model				BYFQ60CW (white panel) / BYFQ60CS (grey panel) / BYFQ60B3W1 (standard panel)			
	Colour				White (N9.5) / White (N9.5) + Silver / White (RAL9010)			
	Dimensions	HeightxWidthxDepth		mm	46x620x620 / 46x620x620 55x700x700			
	Weight			kg	2.8 / 2.8 / 2.7			
Air filter	Type				Resin net with mold resistance			
Fan - Air flow rate	Cooling	High/Low		m^3/min	9/6.5	10/6.5	12/7.5	14.5/9.5
	Heating	High/Low		m^3/min	9/6.5	10/6.5	12/7.5	14.5/9.5
Sound power level	Cooling			dBA	48	51	56	60
Sound pressure level	Cooling	High/Low		dBA	31/25	34/25	39/27	43/32
	Heating	High/Low		dBA	31/25	34/25	39/27	43/32
Control systems	Infrared remote control				BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel)			
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			

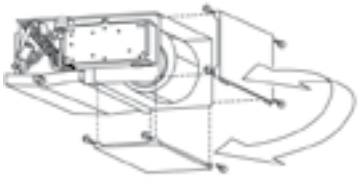
Outdoor unit				**RXS**	**25L3**	**35L3**	**50L**	**60L**
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x825x300	
Weight	Unit			kg	34		47	48
Sound power level	Cooling			dBA	59	61	62	
	Heating			dBA	59	61	62	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	46/-/43	48/-/44	48/44/-	49/46/-
	Heating	High/Low/Silent operation		dBA	47/-/44	48/-/45	48/45/-	49/46/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type				R-410A			
	Charge			kg	1.0	1.2	1.7	1.5
				TCO_2eq	2.1	2.5	3.5	3.1
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.5		12.7	
	Piping length	OU - IU	Max.	m	20		30	
		System	Chargeless	m	10		-	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU	Max.	m	15		20.0	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-230-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	16		20	

(1) EER/COP according to Eurovent 2012, for use outside EU only. (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

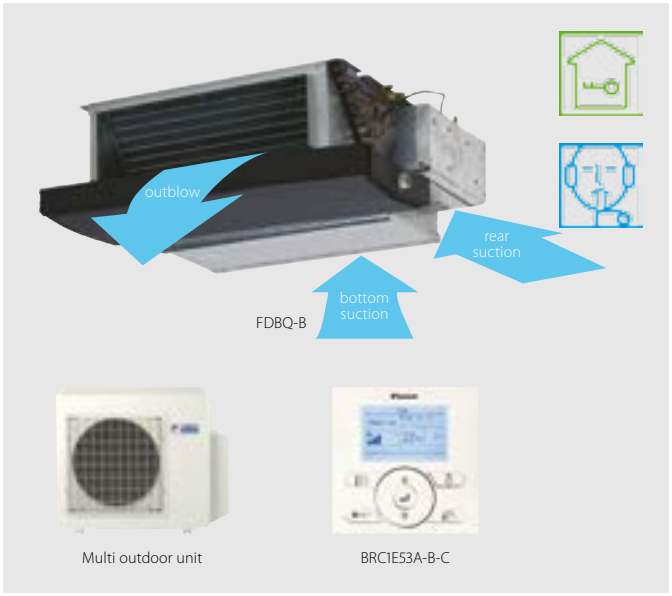
Small concealed ceiling unit

Designed for hotel applications

› Compact unit (230mm high & 652mm deep), can easily be mounted in narrow ceiling voids
› Discretely concealed in the ceiling: only the suction and discharge grilles are visible
› Whisper quiet operation: down to 28dBA sound pressure level
› Flexible installation, as the air suction direction can be altered from rear to bottom suction



› For easy mounting, the drain pan can be located to the left or right of the unit



Multi outdoor unit

BRC1E53A-B-C

Combination table	Multi model application								VRV IV S-series	
	2MXS40	2MXS50	3MXS40	3MXS52	3MXS68	4MXS68	4MXS80	5MXS90	RXYSCQ-TV1	RXYSQ-TV1
FDBQ25B	●	●	●	●	●	●	●	●	●	●

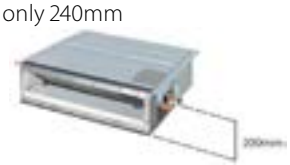
Indoor unit				**FDBQ**	**25B**
Dimensions	Unit	HeightxWidthxDepth		mm	230x652x502
Weight	Unit			kg	17.0
Air filter	Type				Resin net with mold resistance
Fan - Air flow rate	Cooling	High/Low		m^3/min	6.50/5.20
	Heating	High/Low		m^3/min	6.95/5.20
Sound power level	Cooling			dBA	55
	Heating			dBA	55
Sound pressure level	Cooling	High/Low		dBA	35.0/28.0
	Heating	High/Low		dBA	35.0/29.0
Control systems	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230

Outdoor unit					**4MXS68F**
Dimensions	Unit	HeightxWidthxDepth		mm	Only available in multi model application. For more details refer to the multi outdoor units in the split chapter
Weight	Unit			kg	
Sound power level	Cooling			dBA	
Sound pressure level	Cooling	Nom.		dBA	
	Heating	Nom.		dBA	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	
	Heating	Ambient	Min.~Max.	°CWB	
Refrigerant	Type				
	Charge			kg	
				TCO_2eq	
	GWP				
Piping connections	Liquid	OD		mm	
	Gas	OD		mm	
	Piping length	OU - IU	Max.	m	
	Additional refrigerant charge			kg/m	
	Level difference	IU - OU	Max.	m	
Power supply	Phase / Frequency / Voltage			Hz / V	
Current - 50Hz	Maximum fuse amps (MFA)			A	

Concealed ceiling unit

Compact concealed ceiling unit, with a height of only 200mm

- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm



- Medium external static pressure up to 40Pa facilitates unit use with flexible ducts of varying lengths
- Low energy consumption thanks to DC fan motor
- Seasonal efficiency values up to A+ in cooling and heating

FDXM25-35F3

RXS25-35L3

BRC1E53A/B/C, BRC4C65

Efficiency data				FDXM + RXS	25F3 + 25L3	35F3 + 35L3	50F3 + 50L	60F3 + 60L
Cooling capacity	Min./Nom./Max.			kW	1.3/2.4/3.0	1.4/3.4/3.8	1.7/5.0/5.3	1.7/6.0/6.5
Heating capacity	Min./Nom./Max.			kW	1.3/3.2/4.5	1.4/4.0/5.0	1.7/5.8/6.0	1.7/7.0/8.0
Power input	Cooling	Nom.		kW	0.641	1.148	1.650	2.060
	Heating	Nom.		kW	0.800	1.150	1.870	2.180
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+	A	A+	A
		Pdesign		kW	2.40	3.40	5.00	6.00
		SEER			5.63	5.21	5.72	5.51
		Annual energy consumption		kWh	149	228	306	381
	Heating (Average climate)	Energy efficiency class			A+	A		
		Pdesign		kW	2.60	2.90	4.00	4.60
		SCOP/A			4.24	3.88	3.93	3.80
		Annual energy consumption		kWh	858	1,047	1,425	1,693
Nominal efficiency	EER				3.74 (1)	2.96 (1)	3.03 (1)	2.91 (1)
	COP				4.00 (1)	3.48 (1)	3.10 (1)	3.21 (1)
	Annual energy consumption			kWh	321	574	825	1,030
	Energy labeling Directive	Cooling/Heating			A/A	B/A	B/D	C/C

Indoor unit				FDXM	25F3	35F3	50F3	60F3
Dimensions	Unit	HeightxWidthxDepth		mm	200x750x620		200x1,150x620	
Weight	Unit			kg	21		30	
Air filter	Type				Removable / washable / mildew proof			
Fan - Air flow rate	Cooling	High/Low		m^3/min	8.7/7.3		12.0/10.0	16.0/13.5
	Heating	High/Low		m^3/min	8.7/7.3		16.0/13.5	
Fan - External static pressure	Nom.			Pa	30		40	
Sound power level	Cooling			dBA	53		55	56
	Heating			dBA	53		55	56
Sound pressure level	Cooling	High/Low		dBA	35/27		38/30	
	Heating	High/Low		dBA	35/27		38/30	
Control systems	Infrared remote control				BRC4C65			
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230		1~ / 50 / 220-240	

Outdoor unit				RXS	25L3	35L3	50L	60L
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x825x300	
Weight	Unit			kg	34		47	48
Sound power level	Cooling			dBA	59	61	62	
	Heating			dBA	59	61	62	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	46/-/43	48/-/44	48/44/-	49/46/-
	Heating	High/Low/Silent operation		dBA	47/-/44	48/-/45	48/45/-	49/46/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type				R-410A			
	Charge			kg	1.0	1.2	1.7	1.5
				TCO_2eq	2.1	2.5	3.5	3.1
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.5		12.7	
	Piping length	OU - IU	Max.	m	20		30	
		System	Chargeless	m	10		-	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU	Max.	m	15		20.0	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-230-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

(1) EER/COP according to Eurovent 2012, for use outside EU only ,
(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing

*Note: blue cells contain preliminary data

Seasonal Smart

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance

- Top efficiency in the market! Energy label up to A++
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- Lowest sound levels in the market: down to 25dBA!
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Optional fresh air intake
- Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- No optional adapter needed for DIII-connection, link your unit into the wider building management system.
- Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles
- Standard built-in drain pump with 625mm lift increases flexibility and installation speed

FBQ-D

RZQG100-125-140L9V1/L(8)Y1

BRC1E53A-B-C

BRC4C65

Efficiency data				FBQ + RZQG	71D + 71L9V1	100D + 100L9V1	125D + 125L9V1	140D + 140L9V1	71D + 71L8Y1	100D + 100L8Y1	125D + 125L8Y1	140D + 140LY1
Cooling capacity	Nom.			kW	6.8	9.5	12.0	13.4	6.8	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.50	10.80	13.50	15.50	7.50	10.80	13.50	15.50
Power input	Cooling	Nom.		kW	1.89	2.49	3.63	4.00	1.89	2.49	3.63	4.00
	Heating	Nom.		kW	1.87	2.45	3.46	4.31	1.87	2.45	3.46	4.31
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A++	A+	A++			-		
		Pdesign		kW	6.80	9.50	12.00	-	6.80	9.50	12.00	-
		SEER			6.16	5.87	6.11	-	6.16	5.87	6.11	-
		Annual energy consumption		kWh	386	566	687	-	386	566	687	-
	Heating (Average climate)	Energy label			A+	A++	A+			-		
		Pdesign		kW	6.00	11.30	12.70	-	6.00	11.30	12.70	-
		SCOP/A			4.31	4.78	4.28	-	4.31	4.78	4.28	-
		Annual energy consumption		kWh	1,949	3,310	4,154	-	1,949	3,310	4,154	-
Nominal efficiency	EER				3.60 (1)	3.81 (1)	3.31 (1)	3.35 (1)	3.60 (1)	3.81 (1)	3.31 (1)	3.35 (1)
	COP				4.01 (1)	4.41 (1)	3.90 (1)	3.60 (1)	4.01 (1)	4.41 (1)	3.90 (1)	3.60 (1)
	Annual energy consumption			kWh	944	1,247	1,813	-	944	1,247	1,813	-
	Energy label	Cooling/Heating			A/A				-			

Indoor unit				FBQ	71D	100D	125D	140D	71D	100D	125D	140D
Dimensions	Unit	HeightxWidthxDepth		mm	245x1,000x800	245x1,400x800			245x1,000x800	245x1,400x800		
Weight	Unit			kg	35	46			35	46		
Air filter	Type				Resin net with mold resistance							
Fan - Air flow rate	Cooling	High/Low		m^3/min	18/12.5	29/23	34/23.5		18/12.5	29/23	34/23.5	
	Heating	High/Low		m^3/min	18/12.5	29/23	34/23.5		18/12.5	29/23	34/23.5	
Fan - External static pressure	High/Nom./Maximum available/High			Pa	150/30/-	150/40/-	150/50/-		150/30/-	150/40/-	150/50/-	
Sound power level	Cooling			dBA	56	58	62		56	58	62	
Sound pressure level	Cooling	High/Low		dBA	30/25	34/30	37/32		30/25	34/30	37/32	
	Heating	High/Low		dBA	31/25	36/30	38/32		31/25	36/30	38/32	
Control systems	Infrared remote control				BRC4C65							
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D528							
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240							

Outdoor unit				RZQG	71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	69	95			80	101		
Sound power level	Cooling			dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA	48	50	51	52	48	50	51	52
	Heating	Nom.		dBA	50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA	43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50							
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5							
Refrigerant	Type				R-410A							
	Charge			kg	2.9	4.0			2.9	4.0		
				TCO_2eq	6.1	8.4			6.1	8.4		
	GWP				2,087.5							
Piping connections	Liquid	OD		mm	9.52							
	Gas	OD		mm	15.9							
	Piping length	OU - IU	Max.	m	50	75			50	75		
		System	Equivalent	m	70	90			70	90		
			Chargeless	m	30							
	Additional refrigerant charge			kg/m	See installation manual							
	Level difference	IU - OU	Max.	m	30.0							
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	25	40			16	25		

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Seasonal Classic

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

Combination with Seasonal Classic ensures good value for money for all types of commercial applications

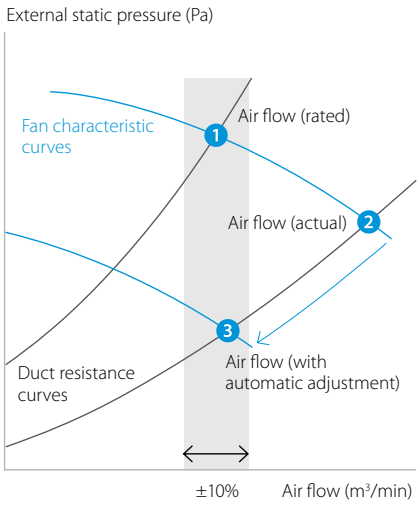
Optimised supply air volume

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±10%

Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance → the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature

Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically(10 or more fan curves are available on every model), making installation much faster



Efficiency data				FBQ + RZQSG	71D + 71L3V1	100D + 100L9V1	125D + 125L9V1	140D + 140L9V1	100D + 100L8Y1	125D + 125L8Y1	140D + 140LY1
Cooling capacity	Nom.			kW	6.8	9.5	12.0	13.4	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.50	10.80	13.50	15.50	10.80	13.50	15.50
Power input	Cooling	Nom.		kW	1.98	2.84	3.72	4.38	2.84	3.72	4.38
	Heating	Nom.		kW	1.91	2.94	3.72	4.56	2.94	3.72	4.56
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A+	-					
		Pdesign		kW	6.80	9.50	12.00	-	9.50	12.00	-
		SEER			5.84	5.61	5.47	-	5.61	5.47	-
		Annual energy consumption		kWh	408	593	768	-	593	768	-
	Heating (Average climate)	Energy label			A+	-					
		Pdesign		kW	6.00	7.60		-	7.60		-
		SCOP/A			4.01	4.15	4.01	-	4.15	4.01	-
		Annual energy consumption		kWh	2,095	2,564	2,653	-	2,564	2,653	-
Nominal efficiency	EER				3.43 (1)	3.35 (1)	3.23 (1)	3.06 (1)	3.35 (1)	3.23 (1)	3.06 (1)
	COP				3.92 (1)	3.67 (1)	3.63 (1)	3.40 (1)	3.67 (1)	3.63 (1)	3.40 (1)
	Annual energy consumption			kWh	991	1,418	1,858	-	1,418	1,858	-
	Energy label	Cooling/Heating			A/A	-					

Indoor unit				FBQ	71D	100D	125D	140D	100D	125D	140D
Dimensions	Unit	HeightxWidthxDepth		mm	245x1,000x800	245x1,400x800					
Weight	Unit			kg	35	46					
Air filter	Type				Resin net with mold resistance						
Fan - Air flow rate	Cooling	High/Low		m^3/min	18/12.5	29/23	34/23.5		29/23	34/23.5	
	Heating	High/Low		m^3/min	18/12.5	29/23	34/23.5		29/23	34/23.5	
Fan - External static pressure	High/Nom./Maximum available/High			Pa	150/30/-	150/40/-	150/50/-		150/40/-	150/50/-	
Sound power level	Cooling			dBA	56	58	62		58	62	
Sound pressure level	Cooling	High/Low		dBA	30/25	34/30	37/32		34/30	37/32	
	Heating	High/Low		dBA	31/25	36/30	38/32		36/30	38/32	
Control systems	Infrared remote control				BRC4C65						
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D528						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240						

Outdoor unit				RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	72	74	95	82		101
Sound power level	Cooling			dBA	65	70		69		70	69
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	54/-	53/-		54/-	53/-
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-	49					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46	-15~46					
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type				R-410A						
	Charge			kg	2.75	2.9		4.0	2.9		4.0
				TCO_2eq	5.7	6.1		8.4	6.1		8.4
	GWP				2,087.5						
Piping connections	Liquid	OD		mm	9.52						
	Gas	OD		mm	15.9						
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
			Chargeless	m	30						
	Additional refrigerant charge			kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	15	30.0					
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32		-	16		20

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

Combination with Split outdoor units is ideal for small retail, offices or residential applications

Efficiency data				FBQ + RXS	35D + 35L3	50D + 50L	60D + 60L
Cooling capacity	Nom.			kW	3.4	5.0	5.7
Heating capacity	Nom.			kW	4.00	5.50	7.00
Power input	Cooling	Nom.		kW	0.85	1.42	1.65
	Heating	Nom.		kW	1.00	1.44	1.89
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		A+
		Pdesign		kW	3.40	5.00	5.70
		SEER			6.17	6.21	5.86
		Annual energy consumption		kWh	193	282	340
	Heating (Average climate)	Energy efficiency class			A+		
		Pdesign		kW	2.90	4.40	4.60
		SCOP/A			4.07	4.06	4.01
		Annual energy consumption		kWh	998	1,517	1,606
Nominal efficiency	EER				3.99 (1)	3.52 (1)	3.45 (1)
	COP				4.02 (1)	3.83 (1)	3.71 (1)
	Annual energy consumption			kWh	426	710	826
	Energy labeling Directive	Cooling/Heating			A/A		

Indoor unit				FBQ	35D	50D	60D
Dimensions	Unit	HeightxWidthxDepth		mm	245x700x800		245x1,000x800
Weight	Unit			kg	28		35
Air filter	Type				Resin net with mold resistance		
Fan - Air flow rate	Cooling	High/Low		m^3/min	15/10.5		18/12.5
	Heating	High/Low		m^3/min	15/10.5		18/12.5
Fan - External static pressure	High/Nom./Maximum available/High			Pa	150/30/-		
Sound power level	Cooling			dBA	60		56
Sound pressure level	Cooling	High/Low		dBA	35/29		30/25
	Heating	High/Low		dBA	37/29		31/25
Control systems	Infrared remote control				BRC4C65		
	Wired remote control				BRC1E53A/BRC1E53B/BRC1E53C/BRC1D528		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				RXS	35L3	50L	60L
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300	
Weight	Unit			kg	34	47	48
Sound power level	Cooling			dBA	61	62	
	Heating			dBA	61	62	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	48/-/44	48/44/-	49/46/-
	Heating	High/Low/Silent operation		dBA	48/-/45	48/45/-	49/46/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
	Charge			kg	1.2	1.7	1.5
				TCO_2eq	2.5	3.5	3.1
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5	12.7	
	Piping length	OU - IU	Max.	m	20	30	
		System	Chargeless	m	10	-	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	15	20.0	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-230-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	16	20	

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Seasonal Smart Seasonal Classic

Concealed ceiling unit with high ESP

ESP up to 200, ideal for large sized spaces

- High external static pressure up to 200Pa facilitates extensive duct and grille network
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Reduced energy consumption thanks to specially developed DC fan motor
- No optional adapter needed for DIII-connection, link your unit into the wider building management system.
- Flexible installation, as the air suction direction can be altered from rear to bottom suction
- Standard built-in drain pump with 625mm lift increases flexibility and installation speed

FDQ125C

RZQG100-125-140L9V1/L(8)Y1 BRC1E53A-B-C BRC4C65

					Seasonal Smart		Seasonal Classic	
Efficiency data				**FDQ + RZQG/RZQSG**	**125C + 125L9V1**	**125C + 125L8Y1**	**125C + 125L9V1**	**125C + 125L8Y1**
Cooling capacity	Nom.			kW	12.0			
Heating capacity	Nom.			kW	13.5			
Power input	Cooling	Nom.		kW	3.20		3.74	
	Heating	Nom.		kW	3.53		3.85	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+		A	
		Pdesign		kW	12.00			
		SEER			5.81		5.20	
		Annual energy consumption		kWh	723		808	
	Heating (Average climate)	Energy efficiency class			A+		A	
		Pdesign		kW	12.71		7.60	
		SCOP/A			4.21		3.90	
		Annual energy consumption		kWh	4,227		2,729	
Nominal efficiency	EER				3.75		3.21	
	COP				3.83		3.51	
	Annual energy consumption			kWh	1,600		1,870	
	Energy labeling Directive	Cooling/Heating			A/A		A/B	

Indoor unit				**FDQ**	**125C**
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,400x700
Required ceiling void >				mm	350
Weight	Unit			kg	45
Decoration panel	Model				BYBS125DJW1
	Colour				White (10Y9/0.5)
	Dimensions	HeightxWidthxDepth		mm	55x1,500x500
	Weight			kg	6.5
Air filter	Type				Resin net with mold resistance
Fan - Air flow rate	Cooling	High/Low		m^3/min	39/28
	Heating	High/Low		m^3/min	39/28
Fan - External static pressure	High/Nom./Maximum available/High			Pa	200/50/-
Sound power level	Cooling			dBA	66
Sound pressure level	Cooling	High/Low		dBA	40/33
	Heating	High/Low		dBA	40/33
Control systems	Infrared remote control				BRC4C65
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220

Outdoor unit				**RZQG/RZQSG**	**125L9V1**	**125L8Y1**	**125L9V1**	**125L8Y1**
Dimensions	Unit	HeightxWidthxDepth		mm	1,430x940x320		990x940x320	
Weight	Unit			kg	95	101	74	82
Sound power level	Cooling			dBA	67		70	
Sound pressure level	Cooling	Nom.		dBA	51		54	
	Heating	Nom.		dBA	53		58	
	Night quiet mode	Level 1		dBA	45		49	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50		-15~46	
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5		-15~15.5	
Refrigerant	Type				R-410A			
	Charge			kg	4.0		2.9	
				TCO_2eq	8.4		6.1	
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	9.52			
	Gas	OD		mm	15.9			
	Piping length	OU - IU	Max.	m	75		50	
		System	Equivalent	m	90		70	
			Chargeless	m	30			
	Additional refrigerant charge			kg/m	See installation manual			
	Level difference	IU - OU	Max.	m	30.0			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	3N~ / 50 / 380-415	1~ / 50 / 220-240	3N~ / 50 / 380-415
Current - 50Hz	Maximum fuse amps (MFA)			A	40	25	32	16

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed ceiling unit with high ESP

ESP up to 250, ideal for extra large sized spaces

› High external static pressure up to 250Pa facilitates using flexible ducts of varying lengths
› Discretely concealed in the ceiling: only the suction and discharge grilles are visible
› Up to 26.4kW in heating mode

FDQ-B

RZQ200-250C

BRC1E53A-B-C

Efficiency data				FDQ + RZQ	200B + 200C	250B + 250C
Cooling capacity	Nom.			kW	20.0	24.1
Heating capacity	Nom.			kW	23.0	26.4
Power input	Cooling	Nom.		kW	6.23	8.58
	Heating	Nom.		kW	6.74	8.22
Nominal efficiency	EER				3.21	2.81
	COP				3.41	3.21
	Annual energy consumption			kWh	3,115	4,290
	Energy labeling Directive	Cooling/Heating			-/-	

Indoor unit				FDQ	200B	250B
Dimensions	Unit	HeightxWidthxDepth		mm	450x1,400x900	
Required ceiling void >				mm	450	
Weight	Unit			kg	89.0	94.0
Air filter	Type				Resin net with mold resistance	
Fan - External static pressure	High/Nom./Low/Maximum available/High			Pa	250/250/250/-	
Sound power level	Cooling			dBA	81	82
Sound pressure level	Cooling	High		dBA	45.0	47.0
	Heating	Low		dBA	45.0	47.0
Control systems	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230	

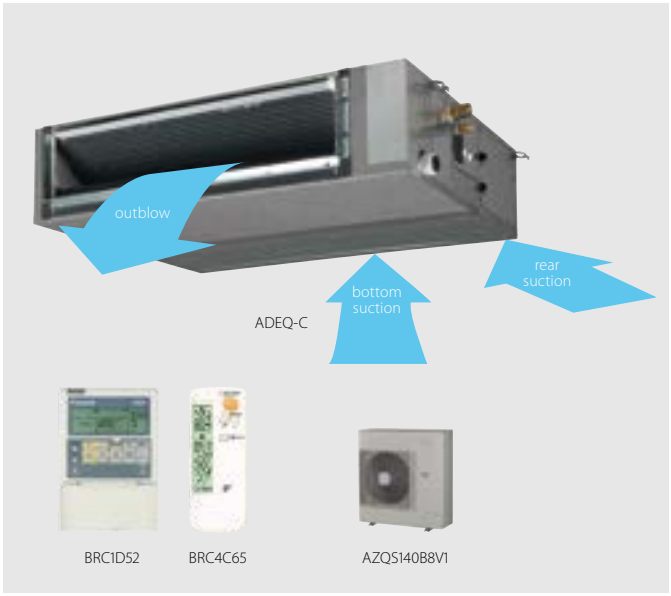
Outdoor unit				RZQ	200C	250C
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x765	
Weight	Unit			kg	183	184
Sound power level	Cooling			dBA	78	
	Heating			dBA	78	
Sound pressure level	Nom.			dBA	57	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46.0	
	Heating	Ambient	Min.~Max.	°CWB	-15.0~15.0	
Refrigerant	Type				R-410A	
	Charge			kg	8.3	9.3
				TCO_2eq	17.3	19.4
	GWP				2,087.5	
Piping connections	Liquid	OD		mm	9.52	12.7
	Gas	OD		mm	22.2	
	Piping length	OU - IU	Max.	m	100	
	Level difference	IU - OU	Max.	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	3N~ / 50 / 380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed ceiling unit

Ideal for residential applications with false ceilings

- Energy label up to A
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- Exclusively offered for pair applications
- Flexible installation: - bottom and rear suction allow installation both in low and shallow ceiling voids - choice between free use into a false ceiling or connection to optional suction grilles
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Optional drain pump



NEW

Efficiency data				ADEQ + ARXS/AZQS	71C + ARXS71L	100C + AZQS100B8V1	125C + AZQS125B8V1
Cooling capacity	Nom.			kW	6.8	9.5	12.1
Heating capacity	Nom.			kW	7.50	10.8	13.50
Power input	Cooling	Nom.		kW	-	2.96	3.89
	Heating	Nom.		kW	-	2.99	3.91
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A	B	-
		Pdesign		kW	6.80	9.50	-
		SEER			5.30	5.10	-
		Annual energy consumption		kWh	449	652	-
	Heating (Average climate)	Energy efficiency class			A		-
		Pdesign		kW	6.00	7.60	-
		SCOP/A			3.80	3.81	-
		Annual energy consumption		kWh	2,211	2,792	-

Indoor unit				ADEQ	71B	100B	125B
Dimensions	Unit	HeightxWidthxDepth		mm	245x1,000x800	245x1,400x800	
Weight	Unit			kg	35	46	
Air filter	Type				Resin net with mold resistance		
Fan - Air flow rate	Cooling	High/Low		m^3/min	18/12.5	29/23	34/23.5
	Heating	High/Low		m^3/min	18/12.5	29/23	34/23.5
Fan - External static pressure	High/Nom./Maximum available/High			Pa	150/30/-	150/40/-	150/50/-
Sound power level	Cooling			dBA	56	58	62
Sound pressure level	Cooling	High/Low		dBA	30/25	34/30	37/32
	Heating	High/Low		dBA	31/25	36/30	38/32
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				ARXS/AZQS	ARXS71F	AZQS100B8V1	AZQS125B8V1
Dimensions	Unit	HeightxWidthxDepth		mm	735x825x300	990x940x320	
Weight	Unit			kg	53	72.8	74.3
Sound power level	Cooling			dBA	-	70	71
Sound pressure level	Cooling	Nom.		dBA	-	53	54
	Heating	Nom.		dBA	-	57	58
	Night quiet mode	Level 1		dBA	-	49	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	+10~46	-5~46	
	Heating	Ambient	Min.~Max.	°CWB	-15~18	-15~15.5	
Refrigerant	Type				R-410A		
	Charge			kg	-	2.9	
				TCO_2eq	-	6.1	
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	9.52		
	Gas	OD		mm	15.9		
	Piping length	OU - IU	Max.	m	30	50	
		System	Equivalent	m	-	70	
			Chargeless	m	10	30	
	Additional refrigerant charge			kg/m	See installation manual		
	Level difference	IU - OU	Max.	m	20.0	30.0	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	-		

*Note: blue cells contain preliminary data

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

Concealed ceiling unit

Ideal for medium sized shops with false ceilings

- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Exclusively offered for pair applications
- Air filter removes airborne dust particles to ensure a steady supply of clean air
- Easy installation and maintenance
- Double protection drainage system ensures quality

ABQ100C

AZQS100-125BY1

ARCWB

Efficiency data				ABQ + AZQS	140C + 140B8V1	100C + 100BY1	125C + 125BY1	140C + 140BY1
Cooling capacity	Nom.			kW	13.0	9.5	12.1	13.0
Heating capacity	Nom.			kW	15.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	4.32	3.63	4.31	4.32
	Heating	Nom.		kW	4.55	3.16	3.96	4.55
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			-	B	-	
		Pdesign		kW	-	9.50	-	
		SEER			-	4.65	-	
		Annual energy consumption		kWh	-	716	-	
	Heating (Average climate)	Energy efficiency class			-	A	-	
		Pdesign		kW	-	6.78	-	
		SCOP/A			-	3.80	-	
		Annual energy consumption		kWh	-	2,498	-	
Nominal efficiency	EER				3.01	2.62	2.81	3.01
	COP				3.41	3.42	3.41	
	Annual energy consumption			kWh	2,159	1,813	2,153	-
	Energy labeling Directive	Cooling/Heating			C/B	D/B	C/B	-/-

Indoor unit				ABQ	100C	125C	140C
Dimensions	Unit	HeightxWidthxDepth		mm	378x541x1,045	378x541x1,299	378x541x1,499
Weight	Unit			kg	44	50	56
Air filter	Type				Saranet		
Fan - Air flow rate	Cooling	High/Low		m^3/min	22.7/18.3	40.5/34.8	48.7/37.9
	Heating	High/Low		m^3/min	22.7/18.3	40.5/34.8	48.7/37.9
Fan - External static pressure	High/Nom./Low/Maximum available/High			Pa	70/57/45/-	150/128/111/-	150/122/92/-
Sound power level	Cooling			dBA	60	-	
	Heating			dBA	60	-	
Sound pressure level	Cooling	High/Low		dBA	41/36	53/50	55/50
	Heating	High/Low		dBA	41/36	53/50	55/50
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				AZQS	140B8V1	100BY1	125BY1	140BY1
Dimensions	Unit	HeightxWidthxDepth		mm	1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	94.9	82		101
Sound power level	Cooling			dBA	70		71	70
Sound pressure level	Cooling	Nom.		dBA	53		54	53
	Heating	Nom.		dBA	54	57	58	54
	Night quiet mode	Level 1		dBA	49			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5			
Refrigerant	Type				R-410A			
	Charge			kg	4.0	2.9		4.0
				TCO_2eq	8.4	6.1		8.4
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	9.52			
	Gas	OD		mm	15.9			
	Piping length	OU - IU	Max.	m	50			
		System	Equivalent	m	70			
			Chargeless	m	30			
	Additional refrigerant charge			kg/m	See installation manual			
	Level difference	IU - OU	Max.	m	30.0			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

Seasonal Smart

Wall mounted unit

For rooms with no false ceilings nor free floor space

Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance

- Flat, stylish front panel blends easily within any interior décor and is easier to clean
- Can easily be installed in both new and refurbishment projects
- Reduced energy consumption thanks to specially developed DC fan motor
- The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- Maintenance operations can be performed easily from the front of the unit
- Flexible to install as the largest casing only weighs 17kg and piping connection can be done at the bottom, left or right of the unit
- Optimum comfort guaranteed with automatic air-flow volume control as this minimises the difference between room and required temperature. No action required from occupants to meet the desired temperature.
- No optional adapter needed for DIII-connection, link your unit into the wider building management system.

Efficiency data				**FAQ + RZQG**	**71C9 + 71L9V1**	**100C9 + 100L9V1**	**71C9 + 71L8Y1**	**100C9 + 100L8Y1**
Cooling capacity	Nom.			kW	6.8	9.5	6.8	9.5
Heating capacity	Nom.			kW	7.5	10.8	7.5	10.8
Power input	Cooling	Nom.		kW	2.00	2.63	2.00	2.63
	Heating	Nom.		kW	2.03	3.00	2.03	3.00
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++			
		Pdesign		kW	6.80	9.50	6.80	9.50
		SEER			6.43	6.11	6.43	6.11
		Annual energy consumption		kWh	371	545	371	545
	Heating (Average climate)	Energy efficiency class			A+			
		Pdesign		kW	6.33	10.20	6.33	10.20
		SCOP/A			4.02	4.01	4.02	4.01
		Annual energy consumption		kWh	2,205	3,562	2,205	3,562
Nominal efficiency	EER				3.40	3.62	3.40	3.62
	COP				3.70	3.61	3.70	3.61
	Annual energy consumption			kWh	1,000	1,315	1,000	1,315
	Energy labeling Directive	Cooling/Heating			A/A			

Indoor unit				**FAQ**	**71C9**	**100C9**	**71C9**	**100C9**
Dimensions	Unit	HeightxWidthxDepth		mm	290x1,050x238	340x1,200x240	290x1,050x238	340x1,200x240
Weight	Unit			kg	13	17	13	17
Fan - Air flow rate	Cooling	High/Low		m^3/min	18/14	26/19	18/14	26/19
	Heating	High/Low		m^3/min	18/14	26/19	18/14	26/19
Sound power level	Cooling			dBA	61	65	61	65
	Heating			dBA	61	65	61	65
Sound pressure level	Cooling	High/Low		dBA	45/40	49/41	45/40	49/41
	Heating	High/Low		dBA	45/40	49/41	45/40	49/41
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			

Outdoor unit				**RZQG**	**71L9V1**	**100L9V1**	**71L8Y1**	**100L8Y1**
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320	990x940x320	1,430x940x320
Weight	Unit			kg	69	95	80	101
Sound power level	Cooling			dBA	64	66	64	66
Sound pressure level	Cooling	Nom.		dBA	48	50	48	50
	Heating	Nom.		dBA	50	52	50	52
	Night quiet mode	Level 1		dBA	43	45	43	45
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50			
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5			
Refrigerant	Type				R-410A			
	Charge			kg	2.9	4.0	2.9	4.0
				TCO_2eq	6.1	8.4	6.1	8.4
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	9.52			
	Gas	OD		mm	15.9			
	Piping length	OU - IU	Max.	m	50	75	50	75
		System	Equivalent	m	70	90	70	90
			Chargeless	m	30			
	Additional refrigerant charge			kg/m	See installation manual			
	Level difference	IU - OU	Max.	m	30.0			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		3N~ / 50 / 380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	25	40	16	25

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Seasonal Classic

Wall mounted unit

For rooms with no false ceilings nor free floor space

Combination with Seasonal Classic ensures good value for money for all types of commercial applications

FAQ100C9

RZQSG71-100-125L3/9V1/L(8)Y1

BRC1E53A-B-C

BRC7EB518

Efficiency data				FAQ + RZQSG	71C9 + 71L3V1	100C9 + 100L9V1	100C9 + 100L8Y1
Cooling capacity	Nom.			kW	6.8	9.5	
Heating capacity	Nom.			kW	7.5	10.8	
Power input	Cooling	Nom.		kW	2.12	3.16	
	Heating	Nom.		kW	2.08	3.17	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+		
		Pdesign		kW	6.8	9.50	
		SEER			5.81	5.61	
		Annual energy consumption		kWh	410	593	
	Heating (Average climate)	Energy efficiency class			A	A+	
		Pdesign		kW	6.33	6.81	
		SCOP/A			3.90	4.01	
		Annual energy consumption		kWh	2,273	2,378	
Nominal efficiency	EER				3.21	3.01	
	COP				3.61	3.41	
	Annual energy consumption			kWh	1,059	1,580	
	Energy labeling Directive	Cooling/Heating			A/A	B/B	

Indoor unit				FAQ	71C9	100C9
Dimensions	Unit	HeightxWidthxDepth		mm	290x1,050x238	340x1,200x240
Weight	Unit			kg	13	17
Fan - Air flow rate	Cooling	High/Low		m^3/min	18/14	26/19
	Heating	High/Low		m^3/min	18/14	26/19
Sound power level	Cooling			dBA	61	65
	Heating			dBA	61	65
Sound pressure level	Cooling	High/Low		dBA	45/40	49/41
	Heating	High/Low		dBA	45/40	49/41
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	

Outdoor unit				RZQSG	71L3V1	100L9V1	100L8Y1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320	
Weight	Unit			kg	67	72	82
Sound power level	Cooling			dBA	65	70	69
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	
	Heating	Nom.		dBA	51	57	
	Night quiet mode	Level 1		dBA	-	49	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46	-15~46	
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5		
Refrigerant	Type				R-410A		
	Charge			kg	2.75	2.9	
				TCO_2eq	5.7	6.1	
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	9.52		
	Gas	OD		mm	15.9		
	Piping length	OU - IU	Max.	m	50		
		System	Equivalent	m	70		
			Chargeless	m	30		
	Additional refrigerant charge			kg/m	See installation manual		
	Level difference	IU - OU	Max.	m	15	30.0	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		3N~ / 50 / 380-415
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32	16

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance

- Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space

- Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- No optional adapter needed for DIII-connection, link your unit into the wider building management system.
- Drain pump kit available as accessory
- Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

Efficiency data				FHQ + RZQG	71CB + 71L8Y1	100CB + 100L8Y1	125CB + 125L8Y1	140CB + 140LY1	71CB + 71L9V1	100CB + 100L9V1	125CB + 125L9V1	140CB + 140L9V1
Cooling capacity	Nom.			kW	6.8	9.5	12.0	13.4	6.8	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	1.78	2.49	3.58	4.05	1.78	2.49	3.58	4.05
	Heating	Nom.		kW	1.82	2.60	3.48	4.27	1.82	2.61	3.48	4.27
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		A+	-	A++		A+	-
		Pdesign		kW	6.80	9.50	12.00	-	6.80	9.50	12.00	-
		SEER			6.86	6.11	6.01	-	6.86	6.11	6.01	-
		Annual energy consumption		kWh	347	545	699	-	347	545	699	-
	Heating (Average climate)	Energy efficiency class			A+	A++	A+	-	A+	A++	A+	-
		Pdesign		kW	7.60	11.30	14.13	-	7.60	11.30	14.13	-
		SCOP/A			4.32	4.61	4.23	-	4.32	4.61	4.23	-
		Annual energy consumption		kWh	2,463	3,432	4,677	-	2,463	3,432	4,677	-
Nominal efficiency	EER				3.82	3.81	3.35	3.31	3.82	3.81	3.35	3.31
	COP				4.13	4.15	3.89	3.63	4.13	4.15	3.89	3.63
	Annual energy consumption			kWh	890	1,245	1,790	2,025	890	1,245	1,790	2,025
	Energy labeling Directive	Cooling/Heating			A/A							

Indoor unit				FHQ	71CB	100CB	125CB	140CB	71CB	100CB	125CB	140CB
Dimensions	Unit	HeightxWidthxDepth	mm		235x1,270x690	235x1,590x690			235x1,270x690	235x1,590x690		
Weight	Unit		kg		32	38			32	38		
Air filter	Type				Resin net with mold resistance							
Fan - Air flow rate	Cooling	High/Low	m^3/min		20.5/14	28/20	31/23	34/24	20.5/14	28/20	31/23	34/24
	Heating	High/Low	m^3/min		20.5/14	28/20	31/23	34/24	20.5/14	28/20	31/23	34/24
Sound power level	Cooling		dBA		55	60	62	64	55	60	62	64
	Heating		dBA		55	60	62	64	55	60	62	64
Sound pressure level	Cooling	High/Low	dBA		38/34	42/34	44/37	46/38	38/34	42/34	44/37	46/38
	Heating	High/Low	dBA		38/34	42/34	44/37	46/38	38/34	42/34	44/37	46/38
Control systems	Infrared remote control				BRC7G53							
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C							
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240							

Outdoor unit					RZQG	71L8Y1	100L8Y1	125L8Y1	140LY1	71L9V1	100L9V1	125L9V1	140L9V1
Dimensions	Unit	HeightxWidthxDepth		mm		990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg		80	101			69	95		
Sound power level	Cooling			dBA		64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA		48	50	51	52	48	50	51	52
	Heating	Nom.		dBA		50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA		43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-15~50							
	Heating	Ambient	Min.~Max.	°CWB		-20~15.5							
Refrigerant	Type					R-410A							
	Charge			kg		2.9	4.0			2.9	4.0		
				TCO_2eq		6.1	8.4			6.1	8.4		
	GWP					2,087.5							
Piping connections	Liquid	OD		mm		9.52							
	Gas	OD		mm		15.9							
	Piping length	OU - IU	Max.	m		50	75			50	75		
		System	Equivalent	m		70	90			70	90		
			Chargeless	m		30							
	Additional refrigerant charge			kg/m		See installation manual							
	Level difference	IU - OU	Max.	m		30.0							
Power supply	Phase / Frequency / Voltage			Hz / V		3N~ / 50 / 380-415				1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A		16	25			40			

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Seasonal Classic

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

Combination with Seasonal Classic ensures good value for money for all types of commercial applications

FHQ60-71CB

RZQSG71-100-125L3/9V1/L(8)Y1

BRC1E53A-B-C

BRC7G53

Efficiency data				**FHQ + RZQSG**	**71CB + 71L3V1**	**100CB + 100L9V1**	**125CB + 125L9V1**	**140CB + 140L9V1**	**100CB + 100L8Y1**	**125CB + 125L8Y1**	**140CB + 140LY1**
Cooling capacity	Nom.			kW	6.8	9.5	12.0	13.4	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	1.97	2.96	4.15	4.45	2.96	4.15	4.45
	Heating	Nom.		kW	1.88	2.99	3.73	4.54	2.99	3.73	4.54
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+			-	A+		-
		Pdesign		kW	6.80	9.50	12.00	-	9.5	12	-
		SEER			5.61			-	5.61		-
		Annual energy consumption		kWh	425	593	749	-	593	749	-
	Heating (Average climate)	Energy efficiency class			A		A+	-	A	A+	-
		Pdesign		kW	7.60			-	7.6		-
		SCOP/A			3.90	3.91	4.01	-	3.91	4.01	-
		Annual energy consumption		kWh	2,727	2,722	2,654	-	2,722	2,654	-
Nominal efficiency	EER				3.46	3.21	2.89	3.01	3.21	2.89	3.01
	COP				4.00	3.61	3.62	3.41	3.61	3.62	3.41
	Annual energy consumption			kWh	983	1,480	2,075	2,225	1,480	2,075	2,225
	Energy labeling Directive	Cooling/Heating			A/A		C/A	B/B	A/A	C/A	B/B

Indoor unit				**FHQ**	**71CB**	**100CB**	**125CB**	**140CB**	**100CB**	**125CB**	**140CB**
Dimensions	Unit	HeightxWidthxDepth		mm	235x1,270x690	235x1,590x690					
Weight	Unit			kg	32	38					
Air filter	Type				Resin net with mold resistance						
Fan - Air flow rate	Cooling	High/Low		m^3/min	20.5/14	28/20	31/23	34/24	28/20	31/23	34/24
	Heating	High/Low		m^3/min	20.5/14	28/20	31/23	34/24	28/20	31/23	34/24
Sound power level	Cooling			dBA	55	60	62	64	60	62	64
	Heating			dBA	55	60	62	64	60	62	64
Sound pressure level	Cooling	High/Low		dBA	38/34	42/34	44/37	46/38	42/34	44/37	46/38
	Heating	High/Low		dBA	38/34	42/34	44/37	46/38	42/34	44/37	46/38
Control systems	Infrared remote control				BRC7G53						
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240						

Outdoor unit				**RZQSG**	**71L3V1**	**100L9V1**	**125L9V1**	**140L9V1**	**100L8Y1**	**125L8Y1**	**140LY1**
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	72	74	95	82		101
Sound power level	Cooling			dBA	65	70		69		70	69
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	54/-	53/-		54/-	53/-
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-	49					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46	-15~46					
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type				R-410A						
	Charge			kg	2.75	2.9		4.0	2.9		4.0
				TCO_2eq	5.7	6.1		8.4	6.1		8.4
	GWP				2,087.5						
Piping connections	Liquid	OD		mm	9.52						
	Gas	OD		mm	15.9						
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
			Chargeless	m	30						
	Additional refrigerant charge			kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	15	30.0					
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32		-	16		20

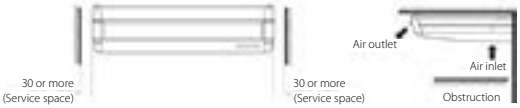
(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

Combination with split outdoor units is ideal for small retail, offices or residential applications

- Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



- Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- No optional adapter needed for DIII-connection, link your unit into the wider building management system.

- Drain pump kit available as accessory
- Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

Efficiency data				FHQ + RXS	35CB + 35L3	50CB + 50L	60CB + 60L
Cooling capacity	Nom.			kW	3.4	-	
Heating capacity	Nom.			kW	4.00	-	
Power input	Cooling	Nom.		kW	0.92	-	
	Heating	Nom.		kW	0.980	-	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++	A+	
		Pdesign		kW	3.40	5.00	5.70
		SEER			6.18	5.87	6.02
		Annual energy consumption		kWh	193	298	332
	Heating (Average climate)	Energy efficiency class			A+	A	
		Pdesign		kW	3.10	4.35	4.71
		SCOP/A			4.43	3.86	3.87
		Annual energy consumption		kWh	981	1,578	1,705
Nominal efficiency	EER				3.70 (1)	-	
	COP				4.08 (1)	-	
	Annual energy consumption			kWh	459	-	
	Energy labeling Directive	Cooling/Heating			A/A	-/-	

Indoor unit				FHQ	35CB	50CB	60CB
Dimensions	Unit	HeightxWidthxDepth		mm	235x960x690		235x1,270x690
Weight	Unit			kg	24	25	31
Air filter	Type				Resin net with mold resistance		
Fan - Air flow rate	Cooling	High/Low		m^3/min	14/10	15/10	19.5/11.5
	Heating	High/Low		m^3/min	14/10	15/10	19.5/11.5
Sound power level	Cooling			dBA	53	54	
	Heating			dBA	53	54	
Sound pressure level	Cooling	High/Low		dBA	36/31	37/32	37/33
	Heating	High/Low		dBA	36/31	37/32	37/33
Control systems	Infrared remote control				BRC7G53		
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit				RXS	35L3	50L	60L
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300	
Weight	Unit			kg	34	47	48
Sound power level	Cooling			dBA	61	62	
	Heating			dBA	61	62	
Sound pressure level	Cooling	High/Low/Silent operation		dBA	48/-/44	48/44/-	49/46/-
	Heating	High/Low/Silent operation		dBA	48/-/45	48/45/-	49/46/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
	Charge			kg	1.2	1.7	1.5
				TCO_2eq	2.5	3.5	3.1
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5	12.7	
	Piping length	OU - IU	Max.	m	20	30	
		System	Chargeless	m	10	-	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	15	20.0	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-230-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	10	20	

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- Ideal solution for commercial spaces with no or narrow false ceilings
- Exclusively offered for pair applications
- Can easily be installed in both new and refurbishment projects
- Air filter removes airborne dust particles to ensure a steady supply of clean air
- Decrease of temperature variation by automatic fan speed selection or freely selectable 3-step fan speed.
- Easy installation and maintenance

AHQ71C

AZQS100-125B(8)V1/BY1

ARCWLA

Efficiency data				AHQ + AZQS	71C + 71BV1	100C + 100B8V1	125C + 125B8V1	140C + 140B8V1	100C + 100BY1	125C + 125BY1	140C + 140BY1
Cooling capacity	Nom.			kW	6.8	9.5	12.1	13.0	9.5	12.1	13.0
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	2.24	3.62	4.60	4.32	3.62	4.60	4.32
	Heating	Nom.		kW	2.46	3.17	3.74	4.55	3.17	3.74	4.55
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			B		-		B	-	
		Pdesign		kW	6.80	9.50	-		9.50	-	
		SEER			4.65	4.60	-		4.60	-	
		Annual energy consumption		kWh	511.85	723	-		723	-	
	Heating (Average climate)	Energy efficiency class			A		-		A	-	
		Pdesign		kW	6.33	7.60	-		7.60	-	
		SCOP/A			3.80		-		3.80	-	
		Annual energy consumption		kWh	2,332.26	2,800	-		2,800	-	
Nominal efficiency	EER				3.03	2.62	2.63	3.01	2.62	2.63	3.01
	COP				3.05	3.41	3.61	3.41		3.61	3.41
	Annual energy consumption			kWh	1,120	1,810	2,300	2,159	1,810	2,300	-
	Energy labeling Directive	Cooling/Heating			B/D	D/B	D/A	B/B	D/B	D/A	-/-

Indoor unit				AHQ	71C	100C	125C	140C	100C	125C	140C
Dimensions	Unit	HeightxWidthxDepth		mm	260x1,320x634	260x1,538x634	260x1,786x634	285x1,902x680	260x1,538x634	260x1,786x634	285x1,902x680
Weight	Unit			kg	38	45	54	70	45	54	70
Air filter	Type				Removable / washable						
Fan - Air flow rate	Cooling	High/Low		m^3/min	23.8/18.9	31.1/24.8	34.4/27.2	43.9/28.3	31.1/24.8	34.4/27.2	43.9/28.3
	Heating	High/Low		m^3/min	23.8/18.9	31.1/24.8	34.4/27.2	43.9/28.3	31.1/24.8	34.4/27.2	43.9/28.3
Fan - External static pressure	High/Nom./Low/Maximum available/High			Pa	0/0/0/-						
Sound power level	Cooling			dBA	59	64	69	70	64	69	70
	Heating			dBA	62	64	69	70	64	69	70
Sound pressure level	Cooling	High/Low		dBA	49/46	52/46	52/49	56/46	52/46	52/49	56/46
	Heating	High/Low		dBA	49/46	52/46	52/49	56/46	52/46	52/49	56/46
Control systems	Infrared remote control				ARCWLA						
	Wired remote control				ARCWB						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240						

Outdoor unit				AZQS	71BV1	100B8V1	125B8V1	140B8V1	100BY1	125BY1	140BY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	72.8	74.3	94.9	82		101
Sound power level	Cooling			dBA	64	70	71	70		71	70
Sound pressure level	Cooling	Nom.		dBA	48	53	54	53		54	53
	Heating	Nom.		dBA	50	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	43	49					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type				R-410A						
	Charge			kg	2.75	2.9		4.0	2.9		4.0
				TCO_2eq	5.7	6.1		8.4	6.1		8.4
	GWP				2,087.5						
Piping connections	Liquid	OD		mm	9.52						
	Gas	OD		mm	15.9						
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
			Chargeless	m	30						
	Additional refrigerant charge			kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	30.0						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32			16		20

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Seasonal Smart

4-way blow ceiling suspended unit

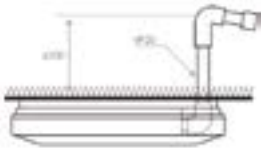
UNIQUE

Unique Daikin unit for high rooms with no false ceilings nor free floor space

Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance

- Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- 5 different discharge angles between 0 and 60°can be programmed via the remote control
- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible

- Optimum comfort guaranteed with automatic air flow adjustment to the required load
- Standard drain pump with 500mm lift increases flexibility and installation speed



- No optional adapter needed for DIII-connection, link your unit into the wider building management system.

Efficiency data				**FUQ + RZQG**	**71C + 71L9V1**	**100C + 100L9V1**	**125C + 125L9V1**	**71C + 71L8Y1**	**100C + 100L8Y1**	**125C + 125L8Y1**
Cooling capacity	Nom.			kW	6.8	9.5	12.0	6.8	9.5	12.0
Heating capacity	Nom.			kW	7.5	10.8	13.5	7.5	10.8	13.5
Power input	Cooling	Nom.		kW	1.68	2.46	3.54	1.68	2.46	3.54
	Heating	Nom.		kW	1.84	2.73	3.95	1.84	2.73	3.95
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		A+	A++		A+
		Pdesign		kW	6.80	9.50	12.00	6.80	9.5	12
		SEER			6.42	6.11	5.61	6.42	6.11	5.61
		Annual energy consumption		kWh	371	545	749	371	545	749
	Heating (Average climate)	Energy efficiency class			A+					
		Pdesign		kW	7.60	11.30	14.13	7.60	11.3	14.13
		SCOP/A			4.20	4.50	4.44	4.20	4.5	4.44
		Annual energy consumption		kWh	2,534	3,516	4,456	2,534	3,516	4,456
Nominal efficiency	EER				4.05	3.86	3.39	4.05	3.86	3.39
	COP				4.08	3.95	3.42	4.08	3.95	3.42
	Annual energy consumption			kWh	840	1,230	1,770	840	1,230	1,770
	Energy labeling Directive	Cooling/Heating			A/A		A/B	A/A		A/B

Indoor unit				**FUQ**	**71C**	**100C**	**125C**	**71C**	**100C**	**125C**
Dimensions	Unit	HeightxWidthxDepth		mm	198x950x950					
Weight	Unit			kg	25	26		25	26	
Air filter	Type				Resin net with mold resistance					
Fan - Air flow rate	Cooling	High/Low		m^3/min	23/16	31/20	32.5/20.5	23/16	31/20	32.5/20.5
	Heating	High/Low		m^3/min	23/16	31/20	32.5/20.5	23/16	31/20	32.5/20.5
Sound power level	Cooling			dBA	59	64	65	59	64	65
	Heating			dBA	59	64	65	59	64	65
Sound pressure level	Cooling	High/Low		dBA	41/35	46/39	47/40	41/35	46/39	47/40
	Heating	High/Low		dBA	41/35	46/39	47/40	41/35	46/39	47/40
Control systems	Infrared remote control				BRC7C58					
	Wired remote control				BRC1D52 / BRC1E52A/B					
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220					

Outdoor unit				**RZQG**	**71L9V1**	**100L9V1**	**125L9V1**	**71L8Y1**	**100L8Y1**	**125L8Y1**
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320		990x940x320	1,430x940x320	
Weight	Unit			kg	69	95		80	101	
Sound power level	Cooling			dBA	64	66	67	64	66	67
Sound pressure level	Cooling	Nom.		dBA	48	50	51	48	50	51
	Heating	Nom.		dBA	50	52	53	50	52	53
	Night quiet mode	Level 1		dBA	43	45		43	45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50					
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5					
Refrigerant	Type				R-410A					
	Charge			kg	2.9	4.0		2.9	4.0	
				TCO_2eq	6.1	8.4		6.1	8.4	
	GWP				2,087.5					
Piping connections	Liquid	OD		mm	9.52					
	Gas	OD		mm	15.9					
	Piping length	OU - IU	Max.	m	50	75		50	75	
		System	Equivalent	m	70	90		70	90	
			Chargeless	m	30					
	Additional refrigerant charge			kg/m	See installation manual					
	Level difference	IU - OU	Max.	m	30.0					
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	25	40		16	25	

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Seasonal Classic

4-way blow ceiling suspended unit

Unique Daikin unit for high rooms with no false ceilings nor free floor space

Combination with Seasonal Classic ensures good value for money for all types of commercial applications

FUQ-C

RZQSG71-100-125L3/9V1/L(8)Y1

BRC1E53A-B-C BRC7CB58

Efficiency data				FUQ + RZQSG	71C + 71L3V1	100C + 100L9V1	125C + 125L9V1	100C + 100L8Y1	125C + 125L8Y1
Cooling capacity	Nom.			kW	6.80	9.5	12.0	9.5	12.0
Heating capacity	Nom.			kW	7.50	10.8	13.5	10.8	13.5
Power input	Cooling	Nom.		kW	2.12	2.96	4.53	2.96	4.53
	Heating	Nom.		kW	2.08	2.99	3.95	2.99	3.95
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+		A	A+	A
		Pdesign		kW	6.80	9.50	12.00	9.50	12.00
		SEER			5.81	5.61	5.30	5.61	5.30
		Annual energy consumption		kWh	410	593	793	593	793
	Heating (Average climate)	Energy efficiency class			A	A+	A	A+	A
		Pdesign		kW	6.33	7.60			
		SCOP/A			3.90	4.01	3.85	4.01	3.85
		Annual energy consumption		kWh	2,273	2,654	2,764	2,654	2,764
Nominal efficiency	EER				3.21		2.65	3.21	2.65
	COP				3.61		3.41	3.61	3.41
	Annual energy consumption			kWh	1,060	1,480	2,265	1,480	2,265
	Energy labeling Directive	Cooling/Heating			A/A		D/B	A/A	D/B

Indoor unit				FUQ	71C	100C	125C	100C	125C
Dimensions	Unit	HeightxWidthxDepth		mm	198x950x950				
Weight	Unit			kg	25	26			
Air filter	Type				Resin net with mold resistance				
Fan - Air flow rate	Cooling	High/Low		m^3/min	23/16	31/20	32.5/20.5	31/20	32.5/20.5
	Heating	High/Low		m^3/min	23/16	31/20	32.5/20.5	31/20	32.5/20.5
Sound power level	Cooling			dBA	59	64	65	64	65
	Heating			dBA	59	64	65	64	65
Sound pressure level	Cooling	High/Low		dBA	41/35	46/39	47/40	46/39	47/40
	Heating	High/Low		dBA	41/35	46/39	47/40	46/39	47/40
Control systems	Infrared remote control				BRC7C58				
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C				
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220				

Outdoor unit				RZQSG	71L3V1	100L9V1	125L9V1	100L8Y1	125L8Y1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320			
Weight	Unit			kg	67	72	74	82	
Sound power level	Cooling			dBA	65	70		69	70
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	54/-	53/-	54/-
	Heating	Nom.		dBA	51	57	58	57	58
	Night quiet mode	Level 1		dBA	-	49			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46	-15~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5				
Refrigerant	Type				R-410A				
	Charge			kg	2.75	2.9			
				TCO_2eq	5.7	6.1			
	GWP				2,087.5				
Piping connections	Liquid	OD		mm	9.52				
	Gas	OD		mm	15.9				
	Piping length	OU - IU	Max.	m	50				
		System	Equivalent	m	70				
			Chargeless	m	30				
	Additional refrigerant charge			kg/m	See installation manual				
	Level difference	IU - OU	Max.	m	15	30.0			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			3N~ / 50 / 380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32		16	

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

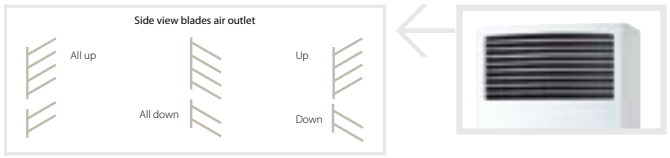
Seasonal Smart

Floor standing unit

For commercial spaces with high ceilings

Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance

- Ideal solution for commercial and busy environments
- Decrease of temperature variation by automatic fan speed selection or freely selectable 3-step fan speed.
- Improved comfort as a result of better airflow distribution from the vertical out blow which allows manual adjustment of air outlet blades at the top of the unit.
- Selectable horizontal out blow to better suit the layout of the room (via wired remote controller BRC1E52)
- No optional adapter needed for DIII-connection, link your unit into the wider building management system.



Efficiency data				FVQ + RZQG	71C + 71L9V1	100C + 100L9V1	125C + 125L9V1	140C + 140L9V1	71C + 71L8Y1	100C + 100L8Y1	125C + 125L8Y1	140C + 140LY1
Cooling capacity	Nom.			kW	6.8	9.5	12.0	13.4	6.8	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	2.02	2.49	3.74	4.17	2.02	2.49	3.74	4.17
	Heating	Nom.		kW	2.06	2.61	3.65	4.30	2.06	2.61	3.65	4.30
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++	A+		-	A++	A+	-	
		Pdesign		kW	6.80	9.50	12.00	-	6.80	9.5	12	-
		SEER			6.23	5.61		-	6.23	5.61		-
		Annual energy consumption		kWh	383	593	749	-	383	593	749	-
	Heating (Average climate)	Energy efficiency class			A+		A	-	A+		-	
		Pdesign		kW	6.33	11.30		-	6.33	11.3		-
		SCOP/A			4.05	4.20	3.87	-	4.05	4.2	3.87	-
		Annual energy consumption		kWh	2,189	3,767	4,088	-	2,189	3,767	4,088	-
Nominal efficiency	EER				3.37	3.81	3.21		3.37	3.81	3.21	
	COP				3.64	4.14	3.70	3.61	3.64	4.14	3.70	3.61
	Annual energy consumption			kWh	1,010	1,245	1,870	2,085	1,010	1,245	1,870	2,085
	Energy labeling Directive	Cooling/Heating			A/A			-/-	A/A		-	-/-

Indoor unit				FVQ	71C	100C	125C	140C	71C	100C	125C	140C
Dimensions	Unit	HeightxWidthxDepth	mm		1,850x600x270	1,850x600x350			1,850x600x270	1,850x600x350		
Weight	Unit		kg		39	47			39	47		
Air filter	Type				Resin net with mold resistance							
Fan - Air flow rate	Cooling	High/Low	m^3/min		18/14	28/22	28/24	30/26	18/14	28/22	28/24	30/26
	Heating	High/Low	m^3/min		18/14	28/22	28/24	30/26	18/14	28/22	28/24	30/26
Sound power level	Cooling		dBA		55	62	63	65	55	62	63	65
	Heating		dBA		55	62	63	65	55	62	63	65
Sound pressure level	Cooling	High/Low	dBA		43/38	50/44	51/46	53/48	43/38	50/44	51/46	53/48
	Heating	High/Low	dBA		43/38	50/44	51/46	53/48	43/38	50/44	51/46	53/48
Control systems	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C							
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50/60 / 220-240/220							

Outdoor unit					RZQG	71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth		mm		990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg		69	95			80	101		
Sound power level	Cooling			dBA		64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA		48	50	51	52	48	50	51	52
	Heating	Nom.		dBA		50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA		43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-15~50							
	Heating	Ambient	Min.~Max.	°CWB		-20~15.5							
Refrigerant	Type					R-410A							
	Charge			kg		2.9	4.0			2.9	4.0		
				TCO_2eq		6.1	8.4			6.1	8.4		
	GWP					2,087.5							
Piping connections	Liquid	OD		mm		9.52							
	Gas	OD		mm		15.9							
	Piping length	OU - IU	Max.	m		50	75			50	75		
		System	Equivalent	m		70	90			70	90		
			Chargeless	m		30							
	Additional refrigerant charge			kg/m		See installation manual							
	Level difference	IU - OU	Max.	m		30.0							
Power supply	Phase / Frequency / Voltage			Hz / V		1~ / 50 / 220-240				3N~ / 50 / 380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A		25	40			16	25		

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Seasonal Classic

Floor standing unit

For commercial spaces with high ceilings

Combination with Seasonal Classic ensures good value for money for all types of commercial applications

FVQ71C

RZQSG71-100-125L3/9V1/L(8)Y1

BRC1E53A-B-C

Efficiency data				FVQ + RZQSG	71C + 71L3V1	100C + 100L9V1	125C + 125L9V1	140C + 140L9V1	100C + 100L8Y1	125C + 125L8Y1	140C + 140LY1
Cooling capacity	Nom.			kW	6.8	9.5	12.0	13.4	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Power input	Cooling	Nom.		kW	2.12	2.96	4.27	4.45	2.96	4.27	4.45
	Heating	Nom.		kW	2.08	2.99	3.96	4.54	2.99	3.96	4.54
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A			-	A		-
		Pdesign		kW	6.80	9.50	12.00	-	9.5	12	-
		SEER			5.50			-	5.5		-
		Annual energy consumption		kWh	433	605	764	-	605	764	-
	Heating (Average climate)	Energy efficiency class			A	A+	A	-	A+	A	-
		Pdesign		kW	6.33	7.60		-	7.6		-
		SCOP/A			3.86	4.01	3.85	-	4.01	3.85	-
		Annual energy consumption		kWh	2,296	2,654	2,764	-	2,654	2,764	-
Nominal efficiency	EER				3.21		2.81	3.01	3.21	2.81	3.01
	COP				3.61		3.41		3.61	3.41	
	Annual energy consumption			kWh	1,060	1,480	2,135	2,225	1,480	2,135	2,225
	Energy labeling Directive	Cooling/Heating			A/A		A/B	-/-	A/A	C/B	-/-

Indoor unit				FVQ	71C	100C	125C	140C	100C	125C	140C
Dimensions	Unit	HeightxWidthxDepth		mm	1,850x600x270	1,850x600x350					
Weight	Unit			kg	39	47					
Air filter	Type				Resin net with mold resistance						
Fan - Air flow rate	Cooling	High/Low		m^3/min	18/14	28/22	28/24	30/26	28/22	28/24	30/26
	Heating	High/Low		m^3/min	18/14	28/22	28/24	30/26	28/22	28/24	30/26
Sound power level	Cooling			dBA	55	62	63	65	62	63	65
	Heating			dBA	55	62	63	65	62	63	65
Sound pressure level	Cooling	High/Low		dBA	43/38	50/44	51/46	53/48	50/44	51/46	53/48
	Heating	High/Low		dBA	43/38	50/44	51/46	53/48	50/44	51/46	53/48
Control systems	Wired remote control				BRC1D52 / BRC1E52A/B						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220						

Outdoor unit				RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	72	74	95	82		101
Sound power level	Cooling			dBA	65	70		69		70	69
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	54/-	53/-		54/-	53/-
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-	49					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46	-15~46					
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type				R-410A						
	Charge			kg	2.75	2.9		4.0	2.9		4.0
				TCO_2eq	5.7	6.1		8.4	6.1		8.4
	GWP				2,087.5						
Piping connections	Liquid	OD		mm	9.52						
	Gas	OD		mm	15.9						
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
			Chargeless	m	30						
	Additional refrigerant charge			kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	15	30.0					
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32		-	16		20

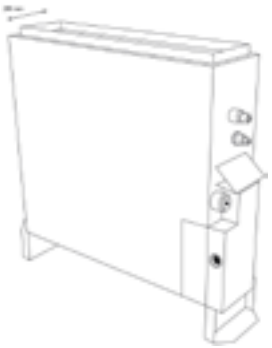
(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed floor standing unit

Designed to be concealed in walls

Combination with split outdoor units is ideal for small retail, offices or residential applications

- Ideal for installation in offices, hotels and residential applications
- Blends unobtrusively with any interior décor: only the suction and discharge grills are visible
- Its low height (620 mm) enables the unit to fit perfectly beneath a window
- Requires very little installation space as the depth is only 200mm



- High ESP allows flexible installation

FNQ-A

RXS35L3

BRC1E53A-B-C

BRC4C65

Efficiency data				FNQ + RXS	25A + 25L3	35A + 35L3	50A + 50L	60A + 60L
Cooling capacity	Nom.			kW	2.6	3.4	5.0	6.0
Heating capacity	Nom.			kW	3.20	4.00	5.80	7.00
Power input	Cooling	Nom.		kW	0.69	1.11	1.49	2.24
	Heating	Nom.		kW	0.80	1.15	1.74	2.25
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+			A
		Pdesign		kW	2.60	3.40	5.00	6.00
		SEER			5.63	5.65	5.72	5.51
		Annual energy consumption		kWh	162	211	306	381
	Heating (Average climate)	Energy efficiency class			A+			
		Pdesign		kW	2.80	2.90	4.00	4.60
		SCOP/A			4.24	4.05	4.09	4.16
		Annual energy consumption		kWh	925	1,002	1,369	1,548
Nominal efficiency	EER				3.77 (1)	3.06 (1)	3.35 (1)	2.68 (1)
	COP				4.00 (1)	3.48 (1)	3.34 (1)	3.11 (1)
	Annual energy consumption			kWh	345 (2)	556 (2)	746 (2)	1,119 (2)
	Energy labeling Directive	Cooling/Heating			A/A	B/B	A/C	D/D

Indoor unit				FNQ	25A	35A	50A	60A
Dimensions	Unit	HeightxWidthxDepth	mm		620 / 720(2)x750x200		620 / 720(2)x1,150x200	
Weight	Unit		kg		23		30	
Air filter	Type				Resin net with mold resistance			
Fan - Air flow rate	Cooling	High/Low	m^3/min		8.7/7.3		16.0/13.5	
	Heating	High/Low	m^3/min		8.7/7.3		16.0/13.5	
Fan - External static pressure	High/Nom./Maximum available/High		Pa		48/30/-		49/40/-	
Sound power level	Cooling		dBA		53		56	
Sound pressure level	Cooling	High/Low	dBA		33/28		36/30	
	Heating	High/Low	dBA		33/28		36/30	
Control systems	Infrared remote control				BRC4C65			
	Wired remote control				BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C			
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50/60 / 220-240/220			

Outdoor unit				RXS	25L3	35L3	50L	60L
Dimensions	Unit	HeightxWidthxDepth	mm		550x765x285		735x825x300	
Weight	Unit		kg		34		47	48
Sound power level	Cooling		dBA		59	61	62	
	Heating		dBA		59	61	62	
Sound pressure level	Cooling	High/Low/Silent operation	dBA		46/-/43	48/-/44	48/44/-	49/46/-
	Heating	High/Low/Silent operation	dBA		47/-/44	48/-/45	48/45/-	49/46/-
Operation range	Cooling	Ambient Min.~Max.	°CDB		-10~46			
	Heating	Ambient Min.~Max.	°CWB		-15~18			
Refrigerant	Type				R-410A			
	Charge		kg		1.0	1.2	1.7	1.5
			TCO_2eq		2.1	2.5	3.5	3.1
	GWP				2,087.5			
Piping connections	Liquid	OD	mm		6.35			
	Gas	OD	mm		9.5		12.7	
	Piping length	OU - IU Max.	m		20		30	
		System Chargeless	m		10		-	
	Additional refrigerant charge		kg/m		0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU Max.	m		15		20.0	
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240		1~ / 50 / 220-230-240	
Current - 50Hz	Maximum fuse amps (MFA)		A		16		20	

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) Including installation legs (3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Sky Air
Outdoor units

Benefits for the installer

› Less piping required as all the indoor units can be connected to one single outdoor unit.

Benefits for the consultant

› Ideal solution for long or irregularly shaped rooms
› Up to 4 indoor units can be connected to a single outdoor unit
› The air flow is evenly spread into the area, as smaller indoor units are installed in different locations around the room

Benefits for the end user

› All the indoor units are controlled at the same time and by using a single wired remote controller
› Only 1 outdoor unit on a roof, terrace or against an outside wall to control up to 4 indoor units
› Same comfortable feeling throughout the entire room

A range of industry leading technology outdoor units

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Multi model and VRV application

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Rooftop 282

UATYQ-CY1 282
UATYP-AY1(B) 283

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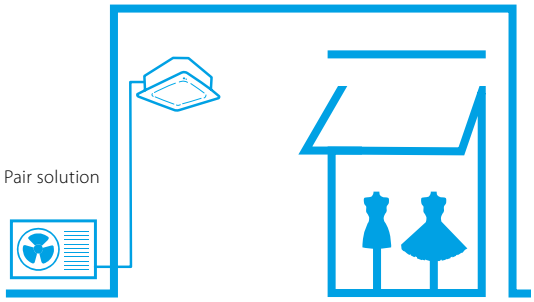
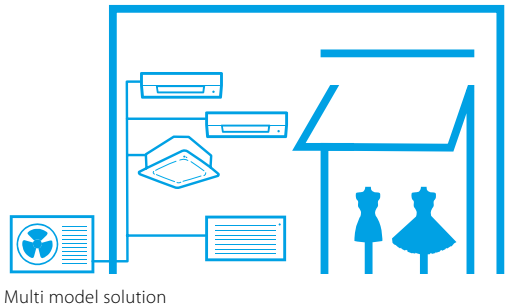
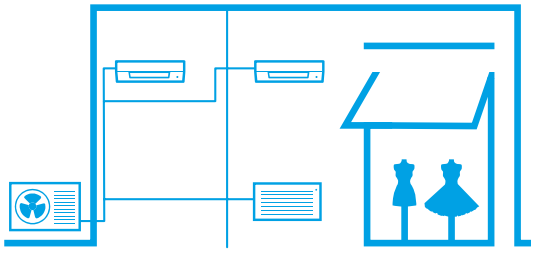


Pair solution

Twin, triple, double twin solution



Multi model solution



Products overview outdoor units

Pair, twin, triple & double twin application

Sky Air

Capacity class

System	Type	Model	Product name		71	100	125	140	200	250
					6.8 kW	9.5 kW	12.0 kW	13.4 kW	20.0 kW	24.1 kW
Air cooled	Heat pump	Seasonal Smart R-32 BLUEVOLUTION - Industry leading technology extended with R-32 range - 68% lower GWP compared to R-410A products - 10% lower refrigerant charge compared to R-410A - Minimum 5% more efficient in cooling than R-410A - Quiet mode: set via the remote control for example during night time, ... - Re-use technology - Operation range down to -20°C in heating and -15°C in cooling - Variable Refrigerant Temperature	RZAG-LV1		•	•	•	•		
		Seasonal Smart - Industry leading technology for commercial applications - Dedicated solution for infrastructure cooling - Variable Refrigerant Temperature - Maximum piping length up to 75m - Re-use technology - Extended operation range down to -20°C in heating and -15°C in cooling - Pair, twin, triple and double twin application	RZQG-L9V1		•	•	•	•		
			RZQG-L(8)Y1		•	•	•	•		
		Seasonal Classic - Technology and comfort combined for commercial applications - Maximum piping length up to 50m - Re-use technology - Operation range down to -15°C both cooling and in heating - Pair, twin, triple and double twin application	RZQSG-L3/ L9V1		•	•	•	•		
			RZQSG-L(8)Y1			•	•	•		
		Super Inverter - Packaged system for commercial applications - For large commercial applications - Re-use technology - Pair, twin, triple and double twin applications	RZQ-C						•	•
		Inverter - Ideal solution for busy environments and small shops - Easy-to-mount outdoor units: roof, terrace or wall - Outdoor units with swing or scroll compressor - Exclusively offered for pair applications	AZQS-B8V1		•	•	•	•		
			AZQS-BY1			•	•	•		
			ARXS-L		•					

Multi model and VRV application (connecting to Sky Air indoor units)

Capacity class

System	Type	Model	Productname		40	50	52	68	80	90	4HP	5HP	6HP	8HP	10HP	12HP
					4.0kW	5.0kW	5.2kW	6.8kW	8.0kW	9.0kW	12.1kW	14.0kW	15.5kW	22.4kW	28.0kW	33.5kW
Air cooled	Heat pump	Multi model application - Up to 5 indoor units can be connected to a single outdoor unit - Individual control of the indoor units - Different types of indoor units can be combined in one installation - Phased installation possible - Maximum total piping length of 25m offers solution for light commercial or residential applications	2MXS-H		•	•										
			3MXS-K		•											
			3MXS-E				•									
			3MXS-G					•								
			4MXS-F					•								
			4MXS-E						•							
			5MXS-E							•						
		The most compact VRV › Compact and lightweight single fan design saves space and is easy to install › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains › Either connect VRV of stylish indoor units (Daikin Emura, Nexura) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYSCQ-TV1 VRV IV S-series Compact								•	•				
		Space saving solution without compromising on efficiency › Space saving trunk design for flexible installation › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains › Either connect VRV of stylish indoor units (Daikin Emura, Nexura) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYSQ-TV1/TY1 VRV IV S-series	TV1							•	•	•			
				TY1							•	•	•	•	•	•
		The invisible VRV › Unique VRV heat pump for indoor installation › Total flexibility for any shop location and building type as the outdoor unit is invisible and split up in 2 parts › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation and Biddle air curtains	SB.RKXYQ-T* VRV IV i-series									•		•		

Products overview Rooftops

Rooftops

NEW

Capacity (class)

System	Type	Model	Product name	Refrigerant		250	350	450	550	600	700	900	1000	1200
Air cooled	Heat pump	Rooftop Unit - Plug and play' for easy installation - High efficiency - Compact unit - Factory pre-charged refrigerant - Belt driven fan	UATYP-AY1(B)	R-407C									•	•
		Rooftop Unit - Plug and play' for easy installation - High efficiency - Free cooling and fresh air intake possible - Field convertible return and supply air - Factory pre-charged refrigerant - Belt driven fan	UATYQ-CY1	R-410A		•	•	•	•	•	•	•		

Benefits overview outdoor units

			BLUEVOLUTION RZAG-LV1	RZQG-L9V1/L(8)Y1-	RZQSG-L3/9V1/L(8)Y1	RZQ-C	AZQS-B8V1/BY1	ARXS-L	MXS-E/F/G/H/K	RXYSCQ-TV1	RXYSQ-TV1/TY1	SB.RKXYQ	UATYP-AY1(B)	UATYQ-CY1
We care icons	Seasonal efficiency - Smart use of energy	Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season.	•	•	•	•	•	•	•					
	Inverter technology	In combination with inverter controlled outdoor units	•	•	•	•	•	•	•	•	•	•		
	Replacement technology	Service and maintenance with R-22 is prohibited since 1/01/2015, meaning repairs will be impossible to R-22 systems. Avoid unexpected downtime for your customers and replace them now!	•	•	•	•	•	•						
Comfort	Night quiet	Lowers the operation sound of the outdoor unit automatically.	•	•	•			•	•	•	•	•		
	Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature.	•	•	•	•	•	•	•	•	•	•		
Other functions	Variable refrigeration temperature	The intelligent systems ensures highest energy savings with additional comfort to better suit application requirements.	•	•						•	•	•		
	Twin/triple/double twin application	2, 3 or 4 indoor units can be connected to only 1 outdoor unit even if they have different capacities. All indoor units operate within the same mode (cooling or heating) from one remote control.		•	•	•								
	Multi model application	Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.							•					
	VRV for residential application	Up to 9 indoor units (even different capacities and up to 71 class) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.								•	•	•		
	Swing compressor	Outdoor units are fitted with a swing compressor, renowned for its low noise and high reliability	•	•	•	•	•	•	•					
	Scroll compressor	Outdoor units are fitted with a scroll compressor, renowned for its low noise and high energy efficiency								•	•	•	•	•
	Guaranteed operation down to -20°C	Daikin is suitable for all climates, even withstanding severe winter conditions with an operation range down to -20°C.	•	•						•	•	•		
	Infrastructure cooling	For high sensible, infrastructure cooling applications, dedicated infrastructure cooling settings and allowing asymmetric combinations enhance the system's reliability.		•										

*Note: blue cells contain preliminary data

Seasonal Smart: The premium solution

RZQG-L9V1/L(8)Y1

Daikin is leading the way towards more efficient and cost-effective comfort solutions with its Sky Air product range

Why choose Seasonal Smart?

- ☑ Best in class quality
- ☑ Highest seasonal efficiency values when compared with other systems under the same test conditions
- ☑ Advanced and leading technologies
- ☑ Flexible as no other

Top seasonal efficiency

- Inverter control logic optimises efficiency
- Efficiency is enhanced even further thanks to the Variable Refrigerant Temperature settings
- Using a highly efficient swing compressor
- Losses are reduced in standby mode
- A++ label both in heating and cooling FCQHG71/100F + RZQG71/100L9V1

Advanced and leading technologies

- Variable Refrigerant Temperature to suit application requirements better: eliminating cold draughts by varying the evaporating temperature.

Flexible as no other

- Reliable, efficient and flexible solution offered to meet the demanding needs of infrastructure cooling environments
- Long pipe runs (up to 75m)
- Wide operation range for cooling (down to 15°C) and for heating (down to -20°C)
- Replacement technology: re-use of existing pipework of R-22 and R-407C systems
- Wide range of indoor units connectable: wall mounted, concealed ceiling, cassette ...

Benefits for the installer

Whatever the installation requirements or restrictions, Seasonal Smart will be able to meet them thanks to:

- R-22/R-407C replacement technology
- Wide operation range for cooling (down to -15°C) to suit even infrastructure cooling applications
- Wide operation range for heating (down to -20°C) to be able to deliver heating in the most severe winters.
- Long pipe runs of up to 75m
- Easy accessibility to the gas cooled PCB (L9V1)
- Easy to install discreetly against the wall thanks to the limited depth of the unit
- Wide range of indoor units available

Benefits for the consultant

- Market leader in terms of seasonal efficiency. The unit operates extremely efficiently throughout the whole summer and winter.
- R-22/R-407C replacement technology: delivering major energy savings, rapid payback and cost-effective upgrade solution with minimum downtime
- This system has been optimised to perform well in the most severe conditions.
- Wide range of indoor units available to suit buildings with or without false ceilings

Benefits for the end user

- Market leader in terms of seasonal efficiency which reduces your customers' electricity bills to a minimum all year round
- Possibility to reduce sound level via settings on the remote controller
- Wide range of stylish, comfortable and silent indoor units available
- Possibility of integrating the unit into a Building Management system
- Reliable system in all weather conditions

Twin, triple and double twin applications

The benefits

Air conditioning in long or irregularly shaped rooms
A twin/triple/double twin application allows up to 4 indoor units to operate in L-shaped, U-shaped or long rooms powered by a single outdoor unit.
All indoor units are controlled at the same time.

The widest choice
Different types of indoor units - wall mounted, concealed celling, cassettes etc - can be selected for twin/triple/double twin application

Ideal comfort in every part of the room
Delivery of optimal efficiency and conform in each part of a long or irregularly shaped room.

Benefits for the installer

› Less piping required as all indoor units can be connected to one single outdoor unit

Benefits for the consultant

› Ideal solution for long or irregularly shaped rooms
› Up to 4 indoor units can be connected to a single outdoor unit
› The air flow is evenly spread into the area as smaller indoor units are installed on different locations in the room

Benefits for the end user

› All indoor units are controlled at the same time and via 1 single wired remote controller
› Only 1 outdoor unit standing on a roof, terrace or against an outside wall to control up to 4 indoor units
› Same comfortable feeling through the entire room

Seasonal Classic

Seasonal Smart

Super Inverter

R-32

Seasonal Smart

BLUEVOLUTION

Pair application

Industry leading technology with R-32 delivering optimal efficiency and comfort for commercial applications

- Daikin's Seasonal Smart range is the first R-32 light commercial range available in the European market
- 68% lower GWP compared to R-410A products
- 12% lower refrigerant charge compared to R-410A products
- Minimum 5% more efficient when compared to R-410A products
- Quiet mode: set via the remote control for example during night time, ...
- The perfect balance in efficiency and comfort thanks to Variable Refrigerant Temperature: top seasonal efficiency throughout most of the year and quick reaction speed on the hottest days.

Variable Refrigerant Temperature

- Re-use of existing R-22 or R-407C technology
- Extended operation range down to -20°C in heating and down to -15°C in cooling

RZAG100-140LV1

	FCAHG-F			
Capacity class	71	100	125	140
RZAG71LV1	P			
RZAG100LV1		P		
RZAG125LV1			P	
RZAG140LV1				P

Outdoor unit				**RZAG**	**71LV1**	**100LV1**	**125LV1**	**140LV1**
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320		
Weight	Unit			kg	67	93		
Sound power level	Cooling			dBA	64		66	67
Sound pressure level	Cooling	Nom.		dBA	48	49	51	52
	Heating	Nom.		dBA	50	51	52	
	Night quiet mode	Level 1		dBA	43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50			
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5			
Refrigerant	Type				R-32			
	Charge			kg	2.6	3.4		
				TCO_2eq	1.8	2.3		
	GWP				675			
Piping connections	Liquid	OD		mm	9.52			
	Gas	OD		mm	15.9			
	Piping length	OU - IU	Max.	m	55	85		
		System	Equivalent	m	75	100		
			Chargeless	m	30			
	Additional refrigerant charge			kg/m	See installation manual			
	Level difference	IU - OU	Max.	m	30.0			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

Seasonal Smart

Pair, Twin, Triple, double twin

Industry leading technology for commercial applications and technical rooms

› Top efficiency:
- energy labels up to A++ in both cooling and heating
- compressor that offers substantial efficiency improvements
- control logic that optimises efficiency at the most frequently encountered operating conditions and that optimises the auxiliary modes (when the unit is not active)
- heat exchangers that optimise the refrigerant flow at the most frequent operating conditions (temperature and load)
- via improved nominal performances

› The perfect balance in efficiency and comfort thanks to Variable Refrigerant Temperature: top seasonal efficiency throughout most of the year and quick reaction speed on the hottest days.

› Suits high sensible, infrastructure cooling applications

› Replace existing R-22 or R-407C systems without having to replace the piping

RZQG100-125-140L9V1/L(8)Y1

› Extended operation range down to -20°C in heating and down to -15°C in cooling

› With a gas cooled PCB reliable cooling is guaranteed as it is not influenced by ambient temperature

› Maximum piping length up to 75m, minimum piping length is 5m.

Comfort cooling combination table

		FCQHG-F				FCQG-F							FFQ-C			FDQ-C	FDXM-F3			FBQ-D							FHQ-CB							FAQ-C9		FUQ-C			FNQ-A			FVQ-C			
capacity class		71	100	125	140	35	50	60	71	100	125	140	35	50	60	125	35	50	60	35	50	60	71	100	125	140	35	50	60	71	100	125	140	71	100	71	100	125	35	50	60	71	100	125	140
RZQG71L9V1	RZQG71L8Y1					2			P				2				2			2			P				2			P				P		P			2			P			
RZQG100L9V1	RZQG100L8Y1		P			3	2			P			3	2			3	2		3	2			P			3	2			P				P		P		3	2			P		
RZQG125L9V1	RZQG125L8Y1			P		4	3	2			P		4	3	2	P	4	3	2	4	3	2			P		4	3	2			P					P	4	3	2			P	
RZQG140L9V1	RZQG140LY1	2			P	4	3		2			P	4	3			4	3		4	3		2			P	4	3		2			P	2		2			4	3					P

P = application ; 2/3/4 = twin/tripple/double twin application

Infrastructure cooling combination table

		FAQ-C9		FHQ-CB							FBQ-D							FDXM-F3			FUQ-C			FVQ-C				FFQ-C			FCQHG-F				FCQG-F							
capacity class		71	100	35	50	60	71	100	125	140	35	50	60	71	100	125	140	35	50	60	71	100	125	71	100	125	140	35	50	60	71	100	125	140	35	50	60	71	100	125	140
RZQG71L9V1	RZQG71L8Y1		P	3	2			P			3	2			P			3	2			P			P			3	2					3	2			P		
RZQG100L9V1	RZQG100L8Y1	2		4	3		2			P	4	3		2			P	4	3		2						P	4	3		2			P	4	3		2			P
RZQG125L9V1	RZQG125L8Y1	2		4	3		2			P	4	3		2			P	4	3		2						P	4	3		2			P	4	3		2			P
RZQG140L9V1	RZQG140LY1	2		4	3		2			P	4	3		2			P	4	3		2						P	4	3		2			P	4	3		2			P

P = Pair, 2 = Twin, 3 = Triple, 4 = Double twin; For more information on infrastructure cooling options refer to infrastructure cooling catalogue.

Outdoor unit				RZQG	71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	69	95			80	101		
Sound power level	Cooling			dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA	48	50	51	52	48	50	51	52
	Heating	Nom.		dBA	50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA	43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50							
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5							
Refrigerant	Type				R-410A							
	Charge			kg	2.9	4.0			2.9	4.0		
				TCO_2eq	6.1	8.4			6.1	8.4		
	GWP				2,087.5							
Piping connections	Liquid	OD		mm	9.52							
	Gas	OD		mm	15.9							
	Piping length	OU - IU	Max.	m	50	75			50	75		
		System	Equivalent	m	70	90			70	90		
			Chargeless	m	30							
	Additional refrigerant charge			kg/m	See installation manual							
	Level difference	IU - OU	Max.	m	30.0							
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	25	40			16	25		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Seasonal Classic

Pair, Twin, Triple, double twin

Technology and comfort combined for commercial applications

› Top efficiency:
- Energy labels up to A++ (cooling) /A+ (heating) for RZQG71/100L9V1 + FCQG71/100F
- compressor that offers substantial efficiency improvements
- control logic that optimises efficiency at the most frequently encountered operating conditio

› Replace existing R-22 or R-407C systems without having to replace the piping

› Guarantees operation in both heating and cooling mode down to -15°C

› With a gas cooled PCB reliable cooling is guaranteed as it is not influenced by ambient temperature

› Maximum piping length up to 50m, minimum piping length is 5m.

RZQSG71-100-125L3/9V1

Pair, twin, triple and double twin application

		FCQHG-F				FCQG-F							FFQ-C			FDXS-F3			FBQ-D						
capacity class		71	100	125	140	35	50	60	71	100	125	140	35	50	60	35	50	60	35	50	60	71	100	125	140
RZQSG71L3V1		P				2			P				2			2			2			P			
RZQSG100L9V1	RZQSG100L8Y1		P			3	2			P			3	2		3	2		3	2			P		
RZQSG125L9V1	RZQSG125L8Y1			P		4	3	2			P		4	3	2	4	3	2	4	3	2			P	
RZQSG140L9V1	RZQSG140LY1	2			P	4	3		2			P	4	3		4	3		4	3		2			P

		FDQ-C	FHQ-CB							FUQ-C			FAQ-C9		FVQ-C				FNQ-A		
capacity class		125	35	50	60	71	100	125	140	100	125	140	71	100	71	100	125	140	35	50	60
RZQSG71L3V1			2			P							P		P				2		
RZQSG100L9V1	RZQSG100L8Y1		3	2			P			P				P		P			3	2	
RZQSG125L9V1	RZQSG125L8Y1	P	4	3	2			P			P						P		4	3	2
RZQSG140L9V1	RZQSG140LY1		4	3		2			P			P	2					P	4	3	

Outdoor unit				RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	72	74	95	82		101
Sound power level	Cooling			dBA	65	70		69		70	69
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	54/-	53/-		54/-	53/-
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-	49					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46	-15~46					
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type				R-410A						
	Charge			kg	2.75	2.9		4.0	2.9		4.0
				TCO_2eq	5.7	6.1		8.4	6.1		8.4
	GWP				2,087.5						
Piping connections	Liquid	OD		mm	9.52						
	Gas	OD		mm	15.9						
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
			Chargeless	m	30						
	Additional refrigerant charge			kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	15	30.0					
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			3N~ / 50 / 380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32		16			20

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Pair, Twin, Triple, double twin

Packaged system for commercial applications

› Available as 20 and 25kW
› Replace existing R-22 or R-407C systems without having to replace the piping

› Guarantees operation in heating mode down to -15°C
› Standard night quiet mode
› Maximum piping length up to 100m
› Maximum installation height difference up to 30m
› Wide range of connectable indoor units

RZQ200-250C

Twin, triple and double twin application

	FCQG-F					FFQ-C		FDXS-F3		FBQ-D					FHQ-CB					FUQ-C			FAQ-C9		FDQ-C	FNQ-A	
capacity class	50	60	71	100	125	50	60	50	60	50	60	71	100	125	50	60	71	100	125	71	100	125	71	100	125	50	60
RZQ200C	4	3	3	2		4	3	4	3	4	3	3	2		4	3	3	2		3	2		3	2		4	3
RZQ250C		4			2		4		4		4			4		2			2			2			2		4

Outdoor unit				RZQ	200C	250C
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x765	
Weight	Unit			kg	183	184
Sound power level	Cooling			dBA	78	
	Heating			dBA	78	
Sound pressure level	Nom.			dBA	57	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46.0	
	Heating	Ambient	Min.~Max.	°CWB	-15.0~15.0	
Refrigerant	Type				R-410A	
	Charge			kg	8.3	9.3
				TCO_2eq	17.3	19.4
	GWP				2,087.5	
Piping connections	Liquid	OD		mm	9.52	12.7
	Gas	OD		mm	22.20	
	Piping length	OU - IU	Max.	m	100	
	Level difference	IU - OU	Max.	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	3N~ / 50 / 380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Outdoor units

Ideal solution for small shops

- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- With a gas cooled PCB reliable cooling is guaranteed as it is not influenced by ambient temperature
- Outdoor units are fitted with either a swing or scroll compressor, renowned for low noise and high energy efficiency
- Exclusively offered for pair applications (capacity from 71 up to 140)
- Units optimized for seasonal efficiency give an indication on how efficient an air conditioner operates over an entire heating or cooling season.

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AZQS100-125B(8)V1/BY1

NEW Unique round flow cassette now combinable

ROUND FLOW

NEW

Pair application

	FCQG-F				ADEQ-C				ABQ-C				AHQ-C			
Capacity class	71	100	125	140	71	100	125	140	71	100	125	140	71	100	125	140
AZQS-B(8)V1	P	P	P	P	combines with ARXS	P	P					P	P	P	P	P
AZQS-BY1		P	P	P						P	P	P		P	P	P

					ARXS	AZQS						
Outdoor unit				**ARXS / AZQS**	**71L**	**71BV1**	**100B8V1**	**125B8V1**	**140B8V1**	**100BY1**	**125BY1**	**140BY1**
Dimensions	Unit	HeightxWidthxDepth		mm	735x825x300	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	53	67	72.8	74.3	94.9	82		101
Sound power level	Cooling			dBA	-	64	70	71	70		71	70
Sound pressure level	Cooling	Nom.		dBA	-	48	53	54	53		54	53
	Heating	Nom.		dBA	-	50	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-	43	49					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	+10~46	-5~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~18	-15~15.5						
Refrigerant	Type				R-410A							
	Charge			kg	-	2.75	2.9		4.0	2.9		4.0
				TCO_2eq	-	5.7	6.1		8.4	6.1		8.4
	GWP				2,087.5							
Piping connections	Liquid	OD		mm	9.52							
	Gas	OD		mm	15.9							
	Piping length	OU - IU	Max.	m	30	50				50		
		System	Equivalent	m	-	70				40 for combinations with FCQG		
			Chargeless	m	10	30						
	Additional refrigerant charge			kg/m	See installation manual							
	Level difference	IU - OU	Max.	m	20.0	30.0						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240					3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	-	20	32		40	16	20	25

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Rooftop

- Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
- High efficiency and reliable scroll compressor
- Wide operating range
- Flat top unit design allows maximum use of warehouse and container space
- Free cooling and fresh air intake possible with optional economiser
- Convertible return and supply air: fan can be mounted in two directions
- Factory pre-charged refrigerant ensures clean and efficient operation
- Belt driven fan enables air volume and static pressure to be adjusted as required.
- Adjustable fan pulley as standard to meet a wide range of supply air volumes and external static pressures
- Anti-corrosion treated coil

UATYQ-CY1

Remote control

Indoor unit					UATYQ	250CY1	350CY1	450CY1	550CY1	600CY1	700CY1	900CY1
Cooling capacity	Nom.				kW	27.340	35.580	44.720	55.690	66.820	72.600	93.1
Heating capacity	Nom.				kW	24.910	34.790	41.790	53.930	61.690	69.610	87.9
Power input	Cooling	Nom.			kW	8.140	10.780	13.040	16.740	19.650	21.610	-
	Heating	Nom.			kW	7.330	10.840	12.860	15.540	18.580	21.420	-
EER						3.36	3.30	3.43	3.33	3.40	3.36	3.27
COP						3.40	3.21	3.25	3.47	3.32	3.25	3.15
Evaporator	Air flow rate	Cooling			m^3/min	93.6	121.8	160.2	189.6	206.7	235.02	271.84
	External static pressure				Pa		147			206		206
Evaporator piping connections	Condensation drain size	OD			mm			25.4				
Condenser	Dimensions	Unit	Height		mm	1,150	1,028	1,130	1,048	1,302	1,454	1,454
			Width		mm	1,638			2,209			
			Depth		mm	2,063		2,113		2,670		
	Weight	Unit			kg	445	580	610	830	880	1,020	1,020
	Casing	Colour						Light grey				
	Air flow rate	Cooling			cfm	8,230	12,000	12,100	12,900	20,200	21,200	-
	Operation range	Cooling	Min.~Max.		°CDB			0~52				-
		Heating	Min.~Max.		°CWB			-15~18				-
	Sound pressure level	Nom.			dBA	68	64	65	68	70		70
	Sound power level	Nom.			dBA	82		83	87	90		90
	Refrigerant	Type						R-410A				R-410A
		GWP						2,087.5				2,087.5
		Charge			TCO_2eq	12.7	12.1	15	18.2	21.7	24.2	-
					kg	6.1	5.8	7.2	8.7	10.4	11.6	-
Power supply	Phase/Frequency/Voltage				Hz/V			3~/50/380-415				3~/50/380-415

(1) All units are being tested and comply to ISO5151. (2) Sound pressure levels are measured according to JIS B 8616 standard (3) All performance calculations are strictly according to Eurovent standard

Economiser option

Indoor unit					ECONO	250AY1	350AY1	450AY1	550AY1	600AY1	700AY1	900AY1
Dimensions	Packed unit	Height			mm			534				-
		Width			mm	1,440		1,430		1,458		-
		Depth			mm	1,144		1,124		1,564		-
Weight	Unit				kg	51	42	43	53	54	69	-
Packing	Weight				kg	152	140	141	165	166	181	-
Fan	Air flow rate	Cooling	Nom.		l/s	1,560	2,030	2,670	3,160	3,445	3,917	-
					cfm	3,300	4,300	5,650	6,700	7,300	8,300	-
Power supply	Voltage				V			24 DC				-
Option for						UATYQ250CY1	UATYQ350CY1	UATYQ450CY1	UATYQ550CY1	UATYQ600CY1	UATYQ700CY1	UATYQ900CY1
Test Standard								ISO 13253				-

*Note: blue cells contain preliminary data

Rooftop

- Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
- Factory pre-charged refrigerant ensures clean and efficient operation
- Belt driven fan enables air volume and static pressure to be adjusted as required.
- Flat top unit design allows maximum use of warehouse and container space
- High efficiency and reliable scroll compressor
- Anti-corrosion treated coil

UATYP-AY1(B)

Remote control

Indoor unit					UATYP	10AY1	12AY1
Cooling capacity	Nom.				kW	101.110	109.609
Heating capacity	Nom.				kW	102.290	126.314
Power input	Cooling	Nom.			kW	43.170	48.200
	Heating	Nom.			kW	41.670	46.800
EER						2.34	2.27
COP						2.45	2.70
Evaporator	Air flow rate	Cooling			m^3/min	312	354
	External static pressure				Pa		
Evaporator piping connections	Condensation drain size	OD			mm		
Condenser	Dimensions	Unit	Height		mm	1,974	
			Width		mm	2,252	
			Depth		mm	3,180	
	Weight	Unit			kg	1,510	1,600
	Casing	Colour					
		Material				Electro-galvanised mild steel	
	Air flow rate	Cooling			cfm	20,000	
	Operation range	Cooling	Min.~Max.		°CDB		
		Heating	Min.~Max.		°CWB		
	Sound power level	Nom.			dBA		
	Refrigerant	Type					
		GWP					
		Charge			TCO_2eq	23.9	35.5
					kg	13.5 / 20.0	20.0
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/380-415	

(1) All units are being tested and comply to ISO5151. (2) Sound pressure levels are according to JIS B 8615 standard. Position of the measurement is 1m in front and 1m below the unit. (3) Designation based on cooling cycle.

Options - Sky Air

		R-32 / R-410A					
	INDOOR UNITS	**FCAHG-F FCQHG-F FCQG-F**	**FFQ-C**	**FDBQ-B**	**FDXM-F3**	**FBQ-D**	**FDQ-C**
Panels	Decoration panel (obligatory for cassette units, optional for others)	BYCQ140D (standard) BYCQ140DW (white)(1) BYCQ140DG/ BYCQ140DGF (auto-cleaning)(2)(4)	BYFQ60CW (white) BYFQ60CS (silver) BYFQ60B3 (standard)				
	Panel spacer for reducing required installation height		KDBQ44B60 (only for standard panel)				
	Sealing kit for 3- or 2-directional air discharge	KDBHQ55B140	BDBHQ44C60				
	Sensor kit	BRYQ140A	BRYQ60AW (white) (9) BRYQ60AS (silver)(9)				
Individual control systems	Infrared remote control (incl. receiver)	BRC7FA532F	BRC7EB530W - for standard panel (5)(6) BRC7F530W - for white panel (5)(6) BRC7F530S - for silver panel (5)(6)		BRC4C65	BRC4C65	BRC4C65
	BRC1E53A/B/C (3) - Premium wired remote control with full-text interface and back-light	●	●	●	●	●	●
	BRC1D52 - Standard wired remote control with weekly timer	●	●	●	●	●	●
	BRC2E52C - Simplified remote control (with operation mode selector button)	●	●	●	●	●	●
	BRC3E52C- Simplified remote control (without operation mode selector button)	●	●	●	●	●	●
	ARCWB - Wired remote controller						
Centralised control systems	**DIII-net connection -** for connection to centralized control	standard	standard	DTA112B51	standard	standard	standard
	DCC601A51 - Intelligent tablet controller	●	●	●	●	●	●
	DCS601C51 (11) - Intelligent touch controller	●	●	●	●	●	●
	DCS302C51 (11) - Central remote control	●				●	
	DCS301B51 (11) (12) - Unified ON/OFF control	●				●	
	DST301B51 (11) - Schedule timer	●				●	
	NIM03 - R04084124324 - Option PCB for group control						
Building Management System & Standard protocol interface	**DCM601A51 -** Intelligent Touch Manager	●	●	●	●	●	●
	RTD-RA- Modbus interface for monitoring and control				●		●
	RTD-NET - Modbus interface for monitoring and control	●	●	●	●	●	●
	RTD-10 - Modbus interface for infrastructure cooling	●	●	●		●	●
	RTD-20 - Modbus interface for retail	●	●	●		●	●
	RTD-HO - Modbus interface for hotel	●	●	●		●	●
	EKMBDXA - Modbus interface	●	●	●		●	●
	KLIC-DI - KNX Interface	●	●	●		●	●
	DMS502A51 - BACnet Interface	●	●	●		●	●
	DMS504B51 - LonWorks Interface	●	●	●		●	
Filters	Replacement long-life filter, non-woven type	KAFP551K160	KAFQ441BA60				
	Auto cleaning filter	see deco panel			BAE20A62 (25 - 35) BAE20A102 (50 - 60)		
Adapter	Wiring adapter for external monitoring/control via dry contacts and setpoint control via 0-140 Ω	KRP4A53 (7)	KRP4A53 (7)		KRP4A54	KRP4A52 (10)	
	Wiring adapter with 2 output signals (compressor/ Error, Fan output)	KRP1B57 (7)	KRP1B57 (7)				
	Wiring adapter for external central monitoring/control (controls 1 entire system)					KRP2A51 (7)	KRP2A51 (8)
	Adapter for wiring (interlock for fresh air intake fan)					KRP1B54	KRP1C64 (11)
	Wiring adapter with 4 output signals (compressor / Error, Fan, Aux, heater, Humidifier output)	EKRP1C11	EKRP1B2	EKRP1B2		EKRP1B2	EKRP1B2
	Adapter for keycard or window contact connection (in combination with BRC2/3E* only)	BRP7A53	BRP7A53		BRP7A54 (11)(12)	BRP7A51 (11)(12)	BRP7A54 (11)(12)
	Installation box/Mounting plate for adapter PCBs (when there is no space in the switchbox, an installation box is required)	KRP1H98	KRP1BA101		KRP1BA101 (11)(12)	KRP1BA101 (11)(12)	KRP4A96
	External wired temperature sensor	KRCS01-4B	KRCS01-4B	KRCS01-1B	KRCS01-4B	KRCS01-4B	KRCS01-4B
	K.RSS - External wireless temperature sensor	●	●	●		●	●
	Remote ON/OFF, forced OFF kit	standard	standard	standard	standard	standard	EKRORO3
	DTA112B51 Interface adapter for Sky Air						●
	DTA104A61 External adapter for outdoor unit (installation on indoor unit)						●
Others	Drain pump kit						
	Multi zoning kit				3 dampers (25 - 35) 4 dampers (50) 5 dampers (60)	3 dampers (35 - 50) 4 dampers (60 - 71) 5 dampers (100 - 125) 6 dampers (140)	
	L-type piping kit (upward direction)						
	Fresh air intake kit (direct installation type)	KDDQ55B140-1 + KDDQ55B140-2	KDDQ44XA60				
	Air discharge adapter for round duct					KDAP25A56A (35-50) KDAP25A71A (60-71) KDAP25A140A [100-140)	KDAJ25K140A

(1) Dirt formation is more easily visible on white insulation. It is recommended not to install this option in environments with a high concentration of dirt.

(2) To be able to control option BYCQ140DG(F), controller BRC1E is needed.

(3) Included languages are:
A: English, German, French, Dutch, Spanish, Italian and Portuguese
B: English, Bulgarian, Croation, Czech, Hungarian, Romanian and Slovakian
C: English, Greek, Polish, Russian, Serbian, Slovak and Turkis

(4) The option is intended exclusively for use in fine dust enviornments (e.g. Clothing shops). Do not use it in environments that are greasy or have high humidity.

R-410A								
FDQ-B	**ADEQ-C**	**ABQ-C**	**FHQ-CB**	**AHQ-C**	**FUQ-C**	**FAQ-C9**	**FVQ-C**	**FNQ-A**
					KDBHP49B140 + KDBTP49B140			
BRC4C65			BRC7G53		BRC7CB58	BRC7EB518		BRC4C65
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
		●		●				
DTA112B51			standard		standard	standard	standard	standard
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
		●		●				
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
●			●		●	●	●	●
			"KAFP501A56 (35-50) KAFP501A80 (60-71) KAFP501A60 (100-140)"		KAFP551K160		KAFJ95L160	
KRP4A51 (11)			KRP4A52		KRP4A53	KRP4A51	KRP4A52 (14)	KRP4A54
							KRP1B57 (14)	
KRP1B54 (11)			KRP1B54					
EKRP1B2 (10) (11)								KRP1B56
BRP7A54 (11)(12)			BRP7A52 (12)(14)		BRP7A53 (12)(14)	BRP7A51 (11)(12)	BRP7A52	BRP7A51 (11)(12)
KRP4A96			"KRP1D93A [box] KKSAP50A56 (35-50) [mounting plate)"		KRP1BA97	KRP4A93	KRP4AA95	KRP1BA101 (11)(12)
KRCS01-1B			KRCS01-4B		KRCS01-4B	KRCS01-4B		KRCS01-4B
●			●		●	●		●
EKRORO		standard	EKRORO4	standard	EKRORO5			
●								
			"KDU50P60VE (35-50) KDU50P140VE [71-140)"			K-KDU572EVE		
			"KHFP5MA35 (35) KHFP5N63 (50-60) KHFPN5N160 (71-140)"					
			KDDQ50A140					

(5) Sensing function is not available
(6) Individual flap control function not available
(7) If installing an electrical heater, an option PCB for external electrical heater (EKRP1B2) for each indoor unit is required.
(8) Mounting plate KRP4A96 is required for these options. Maximum 2 option PCB's can be mounted.
(9) Only possible to combine with simplified remote control BRC2E52C/BRC3E52C
(10) Requires installation box for adapter PCB

		R-32	R-410A						
		RZAQG-F	RZQG-L9V1	RZQG-L(8)Y1	RZQSG-L3V1	RZQSG-L(8)Y1	AZQS-B8V1/ BY1	RZQ-C	RXS-L(3)
Drain plug								KWC26B280	KKP937A4
Refrigerant branch	For twin		KHRQ22M20TA (2)	KHRQ22M20TA (KHRQ58T) (2)	KHRQ22M20TA (2)	KHRQ22M20TA (KHRQ58T) (2)		KHRQ22M20TA	
	For triple		KHRQ127H - class 100-140 (2)	KHRQ127H (KHRQ58H) - class 100-140 (2)	KHRQ127H class 100-140 (2)	KHRQ127H (KHRQ58H) class 100-140 (2)		KHRQ250H7	
	For double twin		KHRQ22M20TA 3x - class 125-140 (2)	KHRQ22M20TA (KHRQ58T) 3x - class 125-140 (2)	KHRQ22M20TA 3x - class 125-140 (2)	KHRQ22M20TA (KHRQ58T) 3x - class 125-140 (2)		KHRQ22M20TA (x3)	
Demand adapter kit		SB.KRP58M51	SB.KRP58M51	KRP58M51	KRP58M51 (71) SB.KRP58M51 (100 - 125 - 140)	SB.KRP58M51 (125 - 140)	KRP58M51 (V1)	KRP58M51	
Bottom plate heater		EKBPH140L7	EKBPH140L7	EKBPH140L7 (1)					KPW937E4

	ROOFTOPS	
Description	**UATYQ-C**	**UATYP-AY1(B)**
Rooftop controller	•	-
PCB	•	-
EXV	•	-
Gold Fin (NA549)	•	-
Scroll compressor	•	-
Saranet Air Filter	•	-
Side flow	•	-
Convertible	•	-
Filter drier	•	-
High pressure switch	•	-
Low pressure switch	•	-
ECONO-AY1 Economiser	•	-

VRV the solution for the commercial sector

Daikin's VRV technology leads the way in customisation to match individual commercial building requirements in comfort and energy efficiency. Flexible to cover all applications and climate conditions, VRV has the unique products that make the difference for you and your customers.

VRV

Medium to large commercial applications

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VRV IV sets the standard … again

9 reasons why VRV is unique in the market

1 High energy efficiency

Variable Refrigerant Temperature leading to the highest seasonal efficiency
- Customize your VRV for best seasonal efficiency & comfort
- Up to 28% higher seasonal efficiency (ESEER)
- First weather dependent VRV
- No more cold draught by supply of high outblow temperatures

NEW › Round flow cassette and concealed ceiling units with auto cleaning filter
› Absolute credibility of data with Eurovent certification of air-cooled outdoor units
› The best partner for your green project
- A team of AP's across Europe who are there to help you
- Maximise your BREEAM points with Daikin
- Experience with many green and sustainable projects across Europe

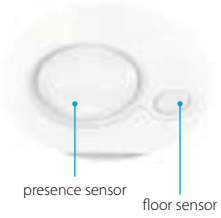
Variable Refrigerant Temperature

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

BREEAM®

2 Best comfort

Variable Refrigerant Temperature preventing cold draughts
› True continuous heating, during defrost
› 15 class units for small, well insulated rooms (cassette, wall, concealed ceiling models)
› Low sound indoor and outdoor units
› Presence and floor sensors direct the air flow away from persons, while ensuring an even temperature distribution



3 Top reliability

› True technical cooling
› Gas-cooled PCB
› Most extensive testing before new units leave the factory
› Widest support network and after sales service
› All spare parts available in Europe
› Preventive maintenance via i-Net

Did you know

BES 6001

› Daikin is the first HVAC manufacturer to achieve BES6001 certificates for our products produced in the Belgian and Czech factory, including our Daikin Altherma, Split, Sky Air and VRV ranges
› BES6001 certificates are awarded to companies who use socially and environmentally responsible suppliers
› As the standard is recognised by BREEAM, specifiers and contractors can potentially gain additional BREEAM credits by choosing a certified product

4 Market leading controls

› Intelligent Touch manager, cost-effective mini BMS integrating all Daikin products
› Easy integrating in third party BMS via BACnet, LonWorks, Modbus, KNX
› Dedicated control solutions for applications such as technical cooling, shops, hotels, ...
NEW › Daikin Cloud Service offers services such as online control, energy monitoring, comparison of multiple sites

DAIKIN CLOUD SERVICE

5 Stylish design products

› Fully flat cassette, fully integrated in the ceiling
› Daikin Emura, unique iconic design

Daikin Emura

6 Unique installation benefits

› Automatic refrigerant charge and refrigerant containment check
› 4-way blow ceiling suspended cassette (FXUQ)
› Plug & play Daikin air handling unit
› Total solution incl. low and high temperature hydro box, Biddle air curtains, etc.
› VRV configurator software for the fastest commissioning, configuration and customisation
› Outdoor unit display for quick on-site settings
› Free combination of oudoor units to meet installation space or efficiency requirements

FXUQ

7 Inventor and market leader of VRV systems since 1982

› Over 90 years of expertise in heat pumps
› Designed for and produced in Europe

7-segment display

8 Unique outdoor unit range covering all applications and climate conditions in design

VRV

9 VRV IV technologies

Variable Refrigerant Temperature

Variable refrigerant temperature

The biggest leap since the inverter compressor
› Seasonal efficiency increased by 28%
› The first weather accommodating control on the market
› Customer comfort is assured thanks to higher outblow temperatures (preventing cold draughts)

Continous heating

Real continuous heating providing heating even during defrost
› Continuous indoor comfort ensured by the heat accumulating element or alternate defrost
› An innovative alternative to traditional heating systems

VRV configurator

Software for simplified commissioning, configuration and customisation
› Graphical interface
› Manage systems over multiple sites in exactly the same way
› Retrieve initial settings

VRV IV

Heat pump

Heat recovery

Replacement

Water cooled

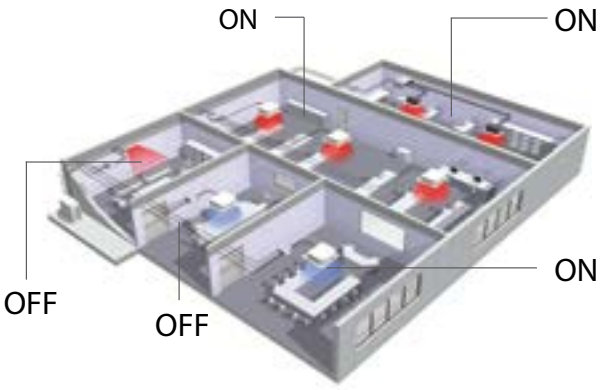
The VRV air conditioning system is the world's first individual air conditioning system with variable refrigerant flow control and was commercialised by Daikin in 1982. VRV is the trademark of Dakin Industries Ltd, which is derived from the technology we call "variable refrigerant volume". BREEAM is a registered trademark of BRE (the Building Research Establishment Ltd. Community Trade Mark E5778551). The BREEAM marks, logos and symbols are the Copyright of BRE and are reproduced by permission

But VRV is more…
standard VRV features

Low running costs

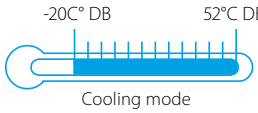
› Precise zone control
› All inverter compressors
› Running costs of a water-based fan coil unit can be 40 to 72% higher compared to a VRV heat recovery system

ALL INVERTER

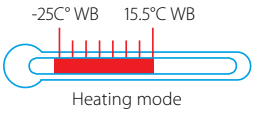


Great design flexibility

› Solutions for every climate, from -25 to +52°C



Cooling mode



Heating mode

› Long refrigerant piping
› Zone by zone phased installation
› Outdoor units can be installed indoors
› Use one outdoor unit for multiple tenants

multi tenant

› Compact units require up to 29% less space than traditional water based systems, offering more lettable space and avoiding the need for structural reinforcement

max. 398kg for a 20HP unit

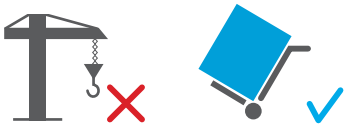
Reliable

› Special anti corrosion treatment of the heat exchanger provides 5 to 6 times greater resistance against corrosion
› Duty cycling extends operation life
› Sequential start
› Only brazed connections

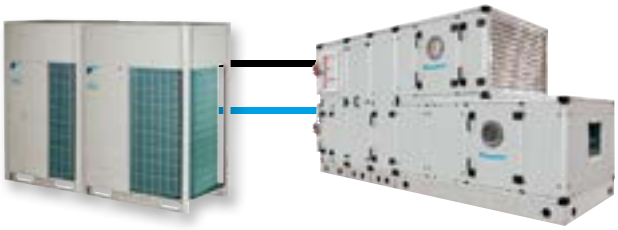
3 options:

› ESP up to 78pa for standard air-cooled outdoor units
› VRV IV i-series air cooled heat pump for indoor installation
› VRV IV W-series water cooled unit for indoor installation

Easy installation and servicing



› Automatic testing and refrigerant charging
› Easy servicing and F-gas compliance with remote refrigerant containment check
› VRV configurator software
› Compact unit design



› Daikin unified REFNET piping
› Easy wiring
› Plug & play connection for VRV to Daikin Air Handling Units, the easiest solution with only one point of contact

High comfort levels

Simultaneous cooling and heating with heat recovery systems

› Individual control and simultaneous cooling and heating for perfect personal environment
› Night quiet mode on outdoor units to ensure low outdoor operation sound
› Back-up function
› Low indoor sound levels down to 19 dBA

DAIKIN emura
19 dB(A)

19 dB(A)

FULLY FLAT CASSETTE
25.5 dB(A)

› CO_2 sensor in combination with Daikin ventilation (VAM, VKM) units ensures fresh air, while preventing energy losses from over-ventilation

Ahead of or in line with legislation

› All indoor units fully eco-design compliant by adopting DC fans (Lot 11)
› All hydroboxes eco-design compliant by use of efficient pumps (Lot 11)
› All ventilation units eco-design compliant (Lot 6)
› VRV air-cooled outdoor units are Eurovent certified, which means absolute credibility of data, as Daikin clearly mentions the outdoor/indoor combinations

Did you know

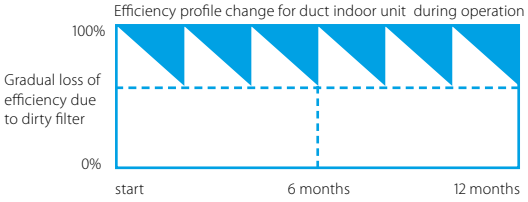
› Daikin is the only manufacturer that clearly mentions the outdoor/indoor combinations for which our published data are applicable.
› Daikin will continue to push Eurovent to select and check not only the outdoor unit for testing, but also the indoor unit types, and make reference to the combination on the Eurovent website.
› An new line-up of high efficiency ducted indoor units FXTQ50A , FXTQ63A, FXTQ80A and FXTQ100A is launched for connection with VRV IV Heat pump and Heat Recovery only.
› We keep investing in improving our seasonal efficiency rather than nominal efficiency

Auto cleaning filter for concealed ceiling units

A unique success story repeated

Reduced runningcosts

› Automatic filter cleaning
› Reduces running costs as the filter is alwas clean



Improved room air quality

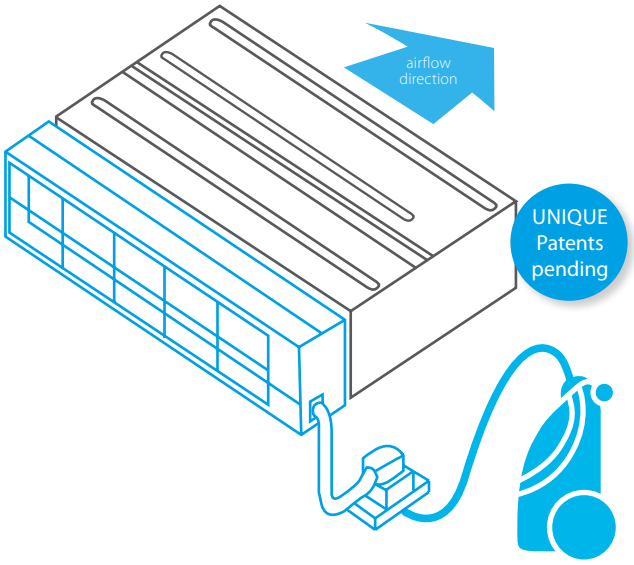
› Ensures optimum airflow at all times eliminating draft or increased sound

Minimal time required for filter cleaning

› Dust can easily be removed with a vacuum cleaner, once the dust box is full
› No more dirty ceilings

Unique technology

› Based on the unique and proven technology used on the Daikin round flow cassette



How does it work?

› Filter cleaning takes place automatically with the timing set via the remote control
› The dust is collected in a dustbox integrated in the unit
› Once full dust can be removed easily via a vaccuum cleaner without opening the unit

Combination table

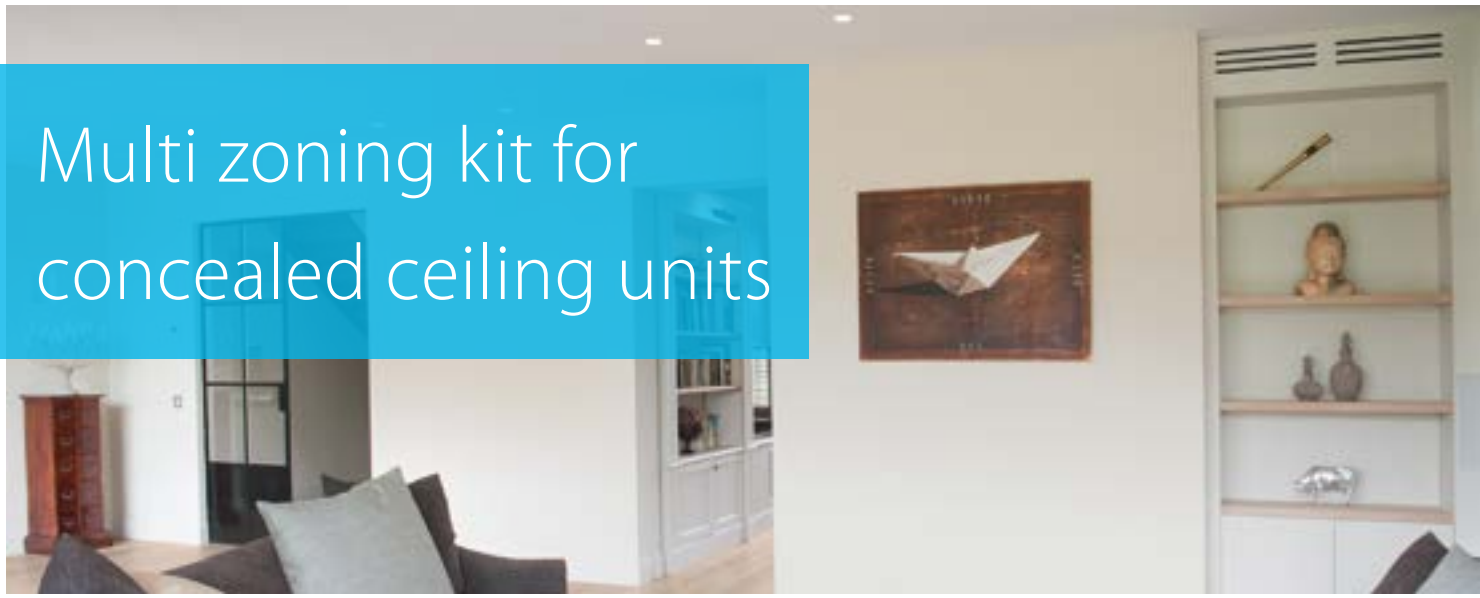
	Split / Sky Air				VRV						
	FDXM-F3				FXDQ-A3						
	25	35	50	60	15	20	25	32	40	50	63
BAE20A62	•	•			•	•	•	•			
BAE20A82									•	•	
BAE20A102			•	•							•

*Note: blue cells combination to be confirmed

Specifications

	BAE20A62	BAE20A82	BAE20A102
Heigth (mm)	212		
Width (mm)	764	964	1164
Width (mm) (incl. hanger bracket)	984	1094	1294
Depth (mm)	201		

Multi zoning kit for concealed ceiling units

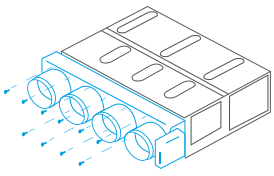


Increase flexiblity: heat or cool multiple rooms with one indoor unit

The zoning kit increases the flexibility of Split, Sky Air and VRV system applications by allowing multiple individually-controlled climate zones to be served by one indoor unit

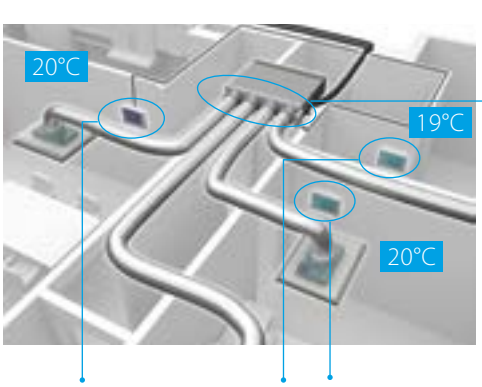
› Increases comfort levels by allowing more individual zone control
  - Up to 8 individual zones can be served thanks to separate modulating dampers
  - Individual thermostat for room-by-room or zone-by-zone control

› Eco-adapt reduces the power consumption thanks to use dynamic setpoint temperatures
› Automatic air flow adjustment according to the demand
› Easy to install, integrates with the Daikin indoor units and system controls
› Promote the all in one package for the multi-zoning
› Time saving as plenum comes fully pre-assembled with dampers, and control boards
› Reduces the amount of refrigerant required in the installation



Plug and play plenum

How does it work?



Zoning box: fully pre-assembled plenum with dampers etc.

Individual zone thermostats

Blueface - Airzone Main Thermostat

› Color graphic interface for controlling zones
› Wired communication

Airzone Zone Thermostat

› Graphic interface with low-energy e-ink screen for controlling zones
› Radio communication

Airzone Zone Thermostat

› Thermostat with buttons for controlling the temperature
› Radio communication

Connectable to: (preliminary)

› FDXM-F3
› FBQ-D
› ADEQ-C
› FXDQ-A3
› FXSQ-A

Supporting tools

Sales supporting apps

Solutions seasonal simulator, simulate & compare

With this software tool you can simulate and the seasonal efficiency, the annual power consumption and CO_2 emission for a given climate, load profile (cooling, heating, heat recovery, covalent, bivalent...) and combination of systems. With its intuitive and graphical appealing interface, a simulation, comparison and ROI calculation can be made in a matter of minutes.

Xpress, Quick Quotation tool

Xpress is a software tool that allows creating on the spot quotations for a Daikin VRV system.
It provides a result in 6 steps to enable a professional budget quotation in the fastest possible way:

› Select indoor units
› Connect outdoor units to indoor units
› Automatic generation of piping diagram with joints
› Automatic generation of wiring diagram
› Select possible centralised control systems
› Visualise result in MS Word, MS Excel and AutoCAD

Ventilation Xpress

Selection tool for ventilation devices (VAM, VKM).
The selection is based on given supply/extract airflows (including fresh up), and given ESP of the supply/extract ducting:

› Determines size of electrical heaters
› Visualization of psychrometric chart
› Visualization of selected configuration
› Required field settings mentioned in the report

www.daikineurope.com/support-and-manuals/software-downloads

NEW Building Information Modelling (BIM) support

› BIM is improving efficiency in the design and built phase
› Daikin is among the first to supply a full library of BIM objects for its VRV products
› Download them at http://bimobject.com/en/product/?freetext=daikin

NEW VRV CAD 2D

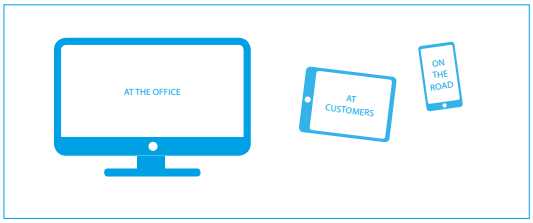
› Possibilty to make a VRV pipe design on a Autocad 2D floorplan
› Improves efficiency and reduces time being spent on the project.
› Calculation of correct pipe diameters and refnets
› Determines outdoor unit size
› Validates VRV pipe rules
› Calculates the extra refrigerant charge, including a max. room concentration check

https://my.daikin.eu/content/denv/en_US/home/applications/software-finder/vrvcad.html

Online support

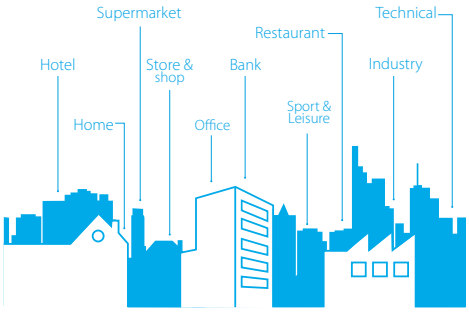
Business portal

- Experience our new extranet that thinks with you at my.daikin.eu
- Find information in seconds via a powerful search
- Customise the options so you see only info relevant for you
- Access via mobile device or desktop



Internet

- Find our solution for applications
- See an overview of our references
- Get more commercial details on our flagship products



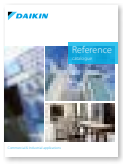
www.daikineurope.com/commercial/applications

Literature

- Check the overview of all our literature for our professional network and end-customers

for professional network

Reference books:



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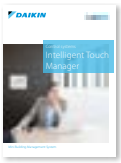

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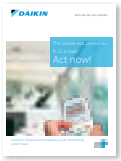

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Sky Air product leaflets
Single page leaflet with the main benefits and technical specifications of each individual Sky Air unit. Ideal for quotations

VRV product leaflets
Single page leaflet with the main benefits and technical specifications of each individual VRV unit. Ideal for quotations

www.daikineurope.com/support-and-manuals/catalogues

Technical documentation:
Download all technical documentation such as engineering databooks, selection software, installation and operation manuals and service manuals directly from our extranet: extranet.daikineurope.com

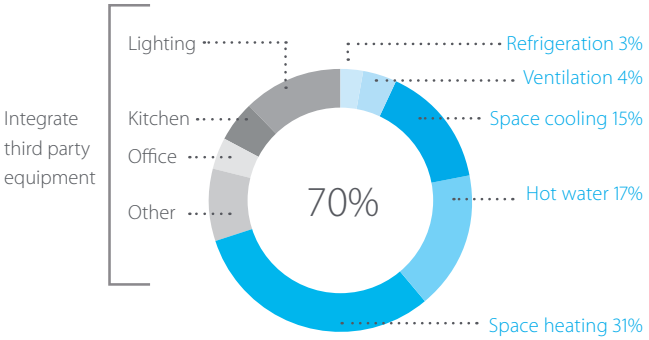
Which applications?

Typically, many buildings today rely on several separate systems for heating, cooling, air curtain heating and hot water. As a result energy is wasted. To provide a much more efficient alternative, VRV technology has been developed into a total solution managing up to 70% of a buildings energy consumption giving large potential to cost saving.

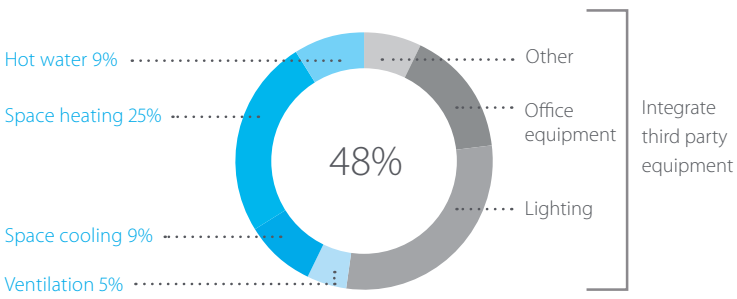
- **Heating and cooling** for year round comfort
- **Hot water** for efficient production of hot water
- **Underfloor heating /cooling** for efficient space heating/cooling
- **Ventilation** for high quality environments
- **Air curtains** for optimum air separation
- **Controls** for maximum operating efficiency
- **Cooling** for server rooms, telecom shelters, ... via VRV heat recovery or Sky Air units
- **Refrigeration** via our VRV based refrigeration units

Combine up to 70% of your building's energy consumption

Average hotel energy consumption



Average office energy consumption



One system,

multiple applications for hotels, offices, retail, home …

Heating and cooling

› Combine VRV indoor units with other stylish indoor units in one system
› New round flow cassette sets the standard for efficiency and comfort
› Extensive range of models and capacities for optimal selection

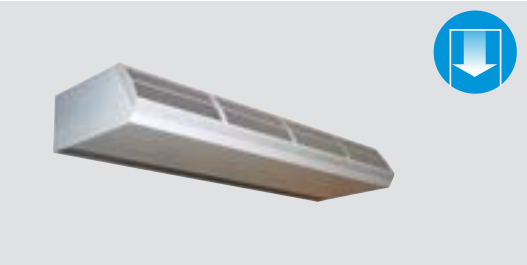
Intelligent control systems

› Mini BMS which connects Daikin and third-party equipment
› Integrate intelligent control solutions with energy management tools to reduce running costs

Low-temperature hydrobox

› Highly efficient space heating through:
  - Underfloor heating
  - Low temperature radiators
  - AHU water heat exchangers
› Hot water from 25 °C to 45 °C
› Cold water from +5°C to +20°C

Biddle air curtain



› Payback time less than 1.5 years compared to electrical air curtain
› A highly efficient solution for doorway climate separation

High temperature hydrobox

› Efficient hot water production for:
  - Showers
  - Sinks
  - Tapwater for cleaning
› Hot water from 25 °C to 80 °C
NEW › Connectable to VRV heat recovery and Water - cooled VRV

Ventilation

› Widest range in DX ventilation – from small heat recovery ventilation to large scale air handling units
› Provides a fresh, healthy and comfortable environment

VRV
for offices and banks

Efficiency in the workplace

Efficient building and facilities management are key to minimising operational costs

Our solutions for offices:

› Significantly reduced costs for hot water and heating by re-using heat recovered from areas requiring cooling
› Unique cassette integrating fully flat into architectural ceilings
› Intelligent sensors
- maximise efficiency by raising the indoor set point or switching off the unit if there is nobody in the room
- maximise comfort by directing the air flow away from people to avoid cold draughts
› A complete Daikin mini Building Energy Management System (BEMS), with the Intelligent Touch Manager
› Plug & play connection to air handling units for a healthier office atmosphere
› Hot water production for sanitary use (e.g. kitchens) and space heating (e.g. underfloor loops)
› Truly reliable technical cooling down to -20°C, including duty/standby function

Check on YouTube
www.youtube.com/DaikinEurope

VRV
for hotels

Hospitality with economy

A hotel's reputation depends on how welcome and comfortable guests feel during their stay. Yet at the same time, hotel owners must maintain complete control of their operating costs and energy consumption.

Our solutions for hotels:

› Low cost heating and hot water by recovering heat from areas requiring cooling
› The perfect personal environment for guests by simultaneously heating spaces while cooling others
› Flexible installation: the outdoor unit can be installed outdoors to maximise hospitality space or indoors to minimise external space or noise in city centres
› Concealed ceiling units developed for small, well-insulated rooms such as hotel bedrooms, offering very low sound levels ensuring a good night's rest
› Smart energy management via Intelligent Touch Manager puts the hotel owner in full control of energy costs
› Intelligent and user-friendly hotel room controllers change the set point automatically when a guest leaves the room or opens the window
› Easy integration in hotel booking software
› Hot water production for bathrooms, underfloor heating and radiators up to 80°C

Check on YouTube
www.youtube.com/DaikinEurope

Hotel

Bank / Retail

VRV for retail

Reducing retail costs

Retailers are under pressure to reduce both store development costs and running costs. That is why affordable, energy-efficient solutions are vital for minimising lifetime costs, while ensuring compliance with the latest regulations.

Our retail solutions:

› Compact inverter heat pump technology
› Flexible installation: the outdoor unit can be installed outdoors to maximise commercial space or indoors to minimise external space or noise in city centres
› Unique round flow cassettes with autocleaning panel saving up to 50% of energy use compared to standard cassette units
› Easy to use remote control with lock-key function to avoid improper use
› Individual control of each indoor unit or shop zone
› Savings on runningcost via pre/post trade modes, limiting energy use by lights, air conditioning, ...
› The most efficient open-door solution with Biddle air curtains

VRV for residential use

There is no place like home

A cost effective, low energy consumption heat pump system for home owners, offering maximum comfort

Our residential solutions:

› Lower CO_2 emissions compared to traditional heating systems
› Compact outdoor unit design with a low sound level
› Whisper-quiet indoor units down to 19dBA
› Daikin Emura, iconic design wall mounted unit
› Unique Nexura floor standing unit offering the feel of a radiator with the efficiency of a heat pump
› Units to be concealed in the wall or ceiling to make them completely unnoticed
› User-friendly, intuitive touch control, controlling your entire shop including lights, sensors, ...
› Manage and control multiple shops from a central location via the Daikin Cloud Service
› Up to 9 indoor units that can be connected to one outdoor unit

Want to know more about our commercial solutions?

Check on YouTube

www.youtube.com/DaikinEurope

Residential

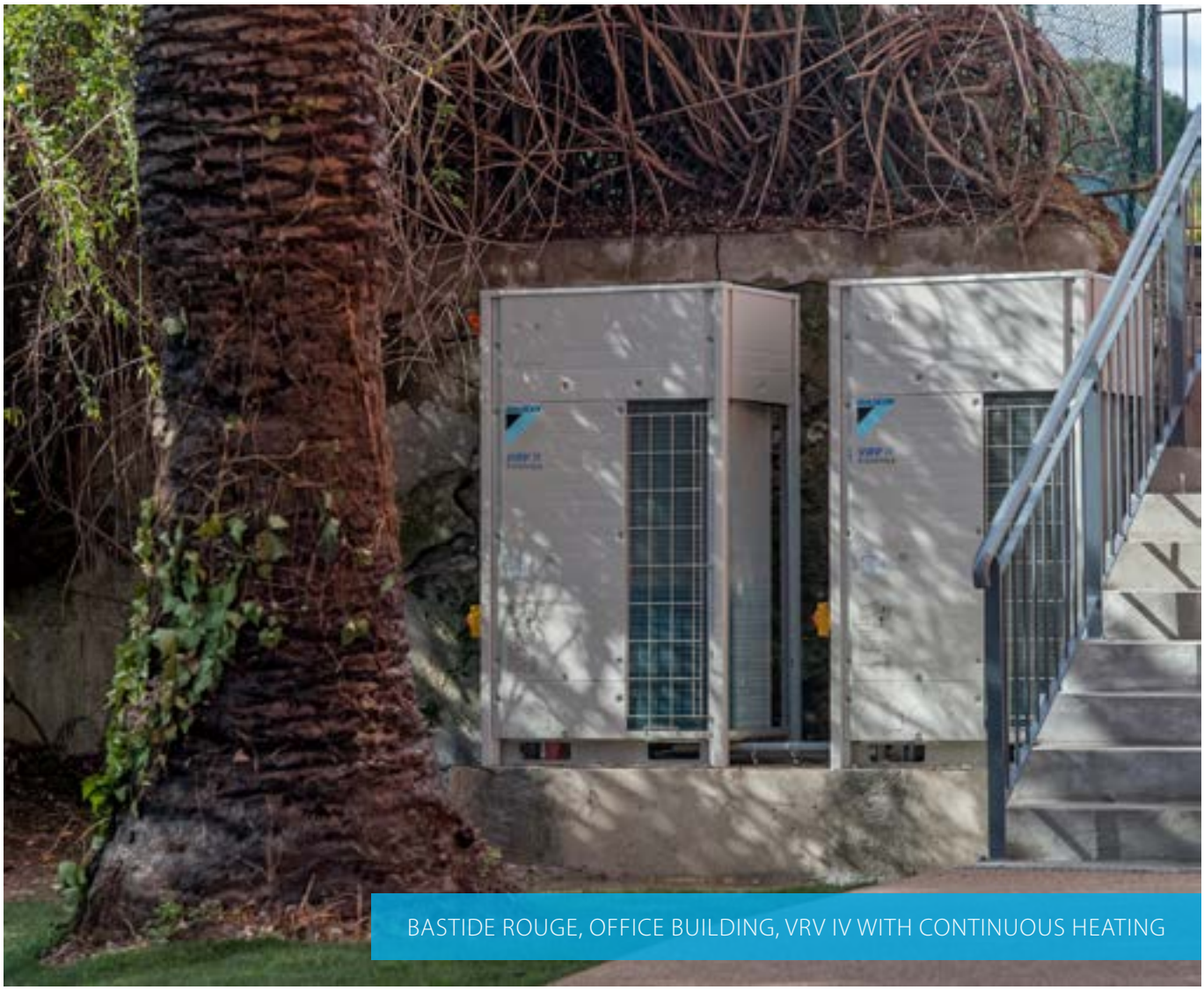
EIFFAGE ENERGIE ET EIFFAGE ENERGIE THERMIE
OFFICE BUILDING
VRV IV HEAT PUMP WITH CONTINUOUS HEATING

PARK PHI
BREEAM EXCELLENT OFFICE BUILDING
WATERCOOLED VRV

VRV IV i-SERIES VRV IV HEAT PUMP
FOR INDOOR INSTALLATION

HOTEL LE PIGONNET, 8 REPLACEMENT VRV

VRV IV S-SERIES



BASTIDE ROUGE, OFFICE BUILDING, VRV IV WITH CONTINUOUS HEATING

Products overview VRV

	Model		Product name	4	5	6	8	10	12	13	14	16	18	20	22	24	26	28	30
Air cooled - heat recovery	VRV IV heat recovery	Best efficiency & comfort solution › Fully integrated solution with heat recovery for maximum efficiency › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains › "Free" heating and hot water through heat recovery › The perfect personal comfort for guests/tenants via simultaneous cooling and heating › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature and continuous heating › Allows technical cooling › Widest range of BS boxes on the market	REYQ-T VRV IV				●	●	●		●	●	●	●					
							○		○		○	○	○	○	○	○	○	○	○
Air cooled - heat pump	VRV IV heat pump with continuous heating	Daikin's optimum solution with top comfort › Continuous heating during defrost › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains › Connectable to stylish indoor units (Daikin Emura, Nexura) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature and continuous heating	RYYQ-T(8) VRV IV				●	●	●		●	●	●	●					
							○		○		○	○	○	○	○	○	○	○	○
	VRV IV heat pump without continuous heating	Daikin's solution for comfort & low energy consumption › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains › Connectable to stylish indoor units (Daikin Emura, Nexura) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYQ-T(8) VRV IV				●	●	●		●	●	●	●					
							○		○		○	○	○	○	○	○	○	○	○
	VRV IV-S series Compact	The most compact VRV › Compact and lightweight single fan design saves space and is easy to install › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains › Either connect VRV of stylish indoor units (Daikin Emura, Nexura) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYSCQ-TV1 VRV IV S-series Compact	●	●														
	VRV IV-S series	Space saving solution without compromising on efficiency › Space saving trunk design for flexible installation › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains › Either connect VRV of stylish indoor units (Daikin Emura, Nexura) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYSQ-TV1/TY1 VRV IV S-series	TV1 ●	●	●													
				TY1 ●	●	●	●	●	●										
	UNIQUE VRV IV heat pump for indoor installation	The invisible VRV › Unique VRV heat pump for indoor installation › Total flexibility for any shop location and building type as the outdoor unit is invisible and split up in 2 parts › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation and Biddle air curtains	SB.RKXYQ-T* VRV IV i-series		○	NEW ○													
	VRV III heat pump, optimised for heating	Where heating is priority without compromising on efficiency › Suitable for single source heating › Extended operation range down to -25°C in heating › Stable heating capacity and high efficiencies at low ambient temperatures	RTSYQ-PA VRV III-C					○			○	○		○					
	VRV Classic	Classic VRV configuration › For standard cooling & heating requirements › Connectable to VRV indoor units, controls and ventilation	RXYCQ-A VRV Classic				○	○	○		○	○	○	○					
Replacement	heat recovery	Quick & quality replacement for R-22 and R-407C systems › Cost-effective and fast replacement through re-use of exisiting piping › Drastically improve your comfort, efficiency and reliability › No interuption of daily business while replacing your system › Replace Daikin and other manufacturers systems safely	RQCEQ-P* VRV III-Q					○		○		○	○	○	○	○	○	○	○
	heat pump	Quick & quality replacement for R-22 and R-407C systems › Cost-effective and fast replacement through re-use of exisiting piping › Drastically improve your comfort, efficiency and reliability › No interuption of daily business while replacing your system › Replace Daikin and other manufacturers systems safely › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYQQ-T* VRV IV Q-series		●		●	●	●		●	●	●	●					
								○				○	○	○	○	○	○	○	○
Water cooled	Water cooled VRV IV	Ideal for high rise buildings, using water as heat source › Reduced CO2 emissions thanks to the use of geothermal energy as a renewable energy source › No need for an external heating or cooling source when used in geothermal mode › Compact & lightweight design can be stacked for maximum space saving › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature › Variable Water Flow control option increases flexibility and control	RWEYQ-T8* VRV IV W-series				●	●						○	○	○		○	○	○	○
	NEW	› Mixed connection of HT hydroboxes and VRV indoor units › Either connect VRV of stylish indoor units (Daikin Emura, Nexura › 2 analogue input signals allowing external control	RWEYQ-T(B)9* VRV IV W-series				●	●	●		●									
												○	○	○	○	○	○	○	○

* Not Eurovent certified

● Single unit

○ Multi combination

Capacity (HP)												Description / Combination	**VRV** indoor units	Residential indoor units	**LT Hydrobox** HXY-A	**HT Hydrobox** HXHD-A	HRV units VAM-, VKM-	**AHU connection** EKEXV- + EKEQMCBA	**AHU connection** EKEXV- + EKEQFCBA	**Air curtains** CYV-DK-	Remarks
32	34	36	38	40	42	44	46	48	50	52	54										
												VRV IV Heat Recovery REYQ-T	O	×	O	O	O	O	×	O	› Standard total system connection ratio limit: 50 ~ 130%
												with only VRV indoor units	✓								
												with LT/HT Hydroboxes	✓		✓	✓	✓				› Max 32 indoor units, even on 16HP and larger systems › Total system connection ratio up to 200% possible
												HRV units VAM-, VKM-	✓		✓	✓	✓	✓		✓	
●	●	●	●	●	●	●	●	●	●	●	●	AHU connection EKEXV + EKEQMCBA	✓				✓	✓		✓	› Dedicated systems (with only ventilation units) not allowed – a mix with standard VRV indoor units is allways neccessary
												Biddle air curtain CYV-DK-	✓				✓	✓		✓	
												VRV IV Heat Pump RYYQ-T(8) / RXYQ-T(8)	O	O	O	×	O	O	O	O	› Standard total system connection ratio limit: 50 ~ 130%
												with only VRV indoor units	✓								› 200% total system connection ratio possible under special circumstances
												with residential indoor units	✓	✓			✓				› Only single-module systems (RYYQ 8~20 T / RXYQ 8~20 T) › Max 32 indoor units, even on 16HP, 18HP and 20HP systems
●	●	●	●	●	●	●	●	●	●	●	●	with LT Hydroboxes	✓		✓		✓				› Max 32 indoor units, even on 16HP and larger systems › Contact Daikin in case of multi-module systems (>20HP)
												HRV units VAM-, VKM-	✓	✓	✓		✓	✓		✓	
												AHU connection EKEXV + EKEQMCBA	✓				✓	✓		✓	
												AHU connection EKEXV + EKEQFCBA							✓		
●	●	●	●	●	●	●	●	●	●	●	●	Biddle air curtain CYV-DK-	✓				✓	✓		✓	
												VRV IV-S RXYSQ-/RXYSCQ-	O	O	×	×	O	O	×	O	› Standard total system connection ratio limit: 50 ~ 130%
												with VRV indoor units only	✓				✓	✓		✓	
												with residential indoor units only		✓							› With residential indoor: connection ratio limit: 80 ~ 130%
												VRV IV i series SB.RKXYQ-T	✓	×	×	×	✓	✓	×	✓	› Standard total system connection ratio limit: 50 ~ 130%
												VRV III Cold Region RTSYQ-PA	✓	×	×	×	✓	✓	×	✓	› Standard total system connection ratio limit: 50 ~ 130%
												VRV Classic RXYCQ-A	✓	×	×	×	✓	×	×	×	› Standard total system connection ratio limit: 50 ~ 120% › In case of using at least one FXFQ20~25 indoor units on 8HP or 10HP models, the maximum connection ratio is 100%.
												VRV III-Q Replacement H/R RQCEQ-P	✓	×	×	×	✓	×	×	×	› Standard total system connection ratio limit: 50 ~ 130%
●	●	●	●	●	●							**VRV IV-Q Replacement H/P** RXYQQ-T	✓	×	×	×	✓	✓	×	✓	› Standard total system connection ratio limit: 50 ~ 130%
												VRV IV-W Water-cooled VRV RWEYQ-T8	O	O	×	O	O	O	O	O	› Standard total system connection ratio limit: 50 ~ 130%
												with VRV indoor units	✓			✓	✓	✓	✓	✓	
												with split indoor units		✓							
●	●	●	●	●	●							with HT hydrobox	✓			✓					

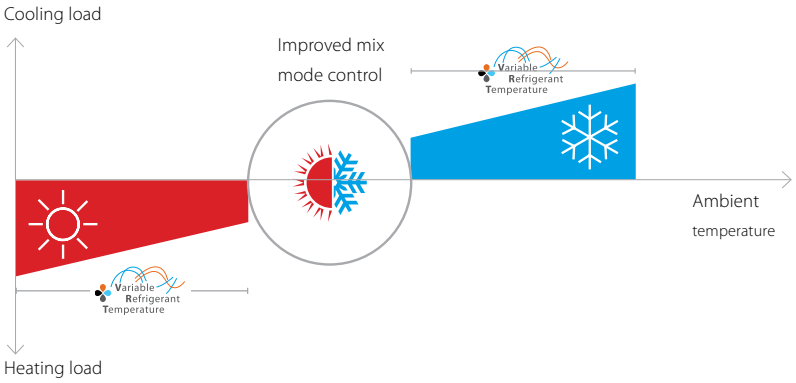
O ... connection of indoor unit possible, but not neccessarily simultaneously with other allowed indoor units
✓ ... connection of indoor unit possible even simultaneously with other checked units in the same row
× ... connection of indoor not possible on this outdoor unit system

VRV IV Heat Recovery

Innovation in detail

Improved efficiency

In heat-recovery operation the VRV IV is up to 15% more efficient compared to VRV III. In single mode operation, the seasonal efficiency of the system can be even as much as 28% higher - thanks to the variable refrigerant temperature technology - compared to a conventional VRF system.



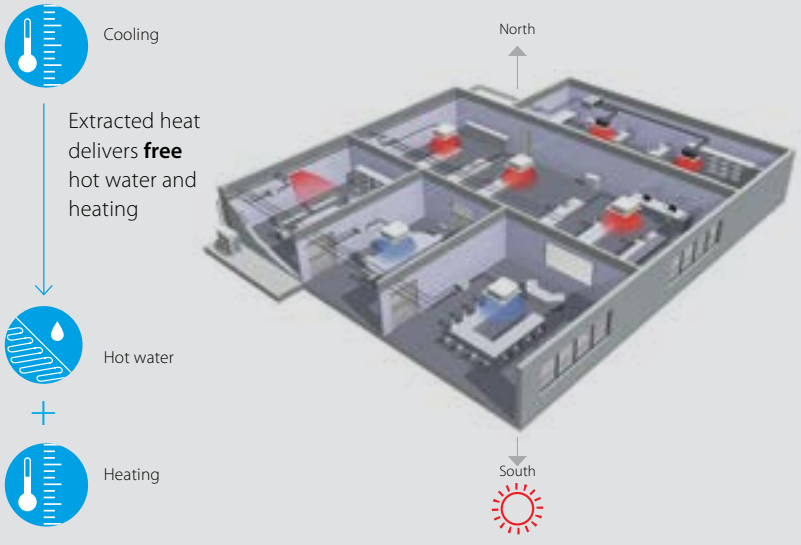
"Free" heat and hot water production

An integrated heat recovery system reuses heat from offices, server rooms, to warm other areas or create hot water.

Maximum comfort

A VRV heat-recovery system allows simultaneous cooling and heating.

› For hotel owners, this means a perfect environment for guests as they can freely choose between cooling or heating.
› For offices, it means a perfect working indoor climate for both north and south-facing offices.

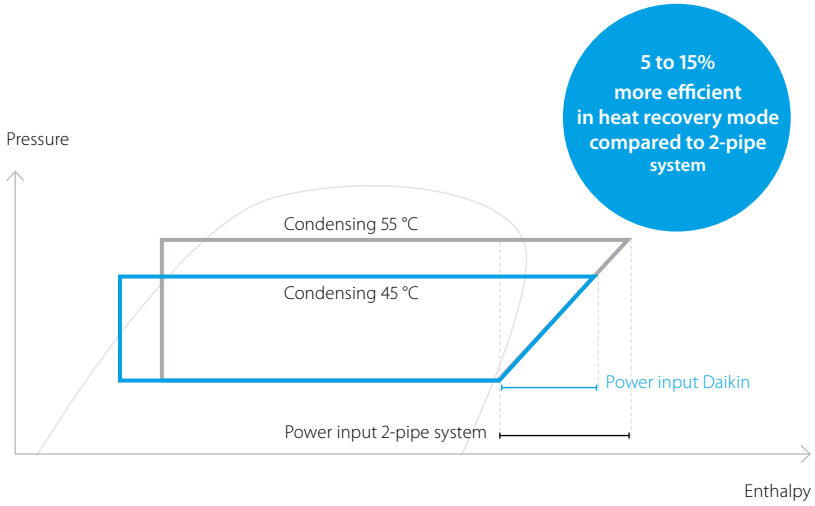


Advantages of 3-pipe technology

More "free" heat

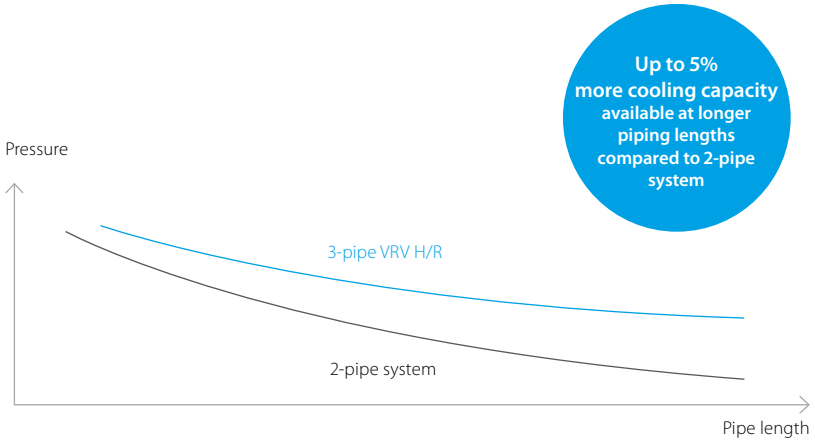
Daikin 3-pipe technology needs less energy to recover heat, meaning significantly higher efficiency during heat recovery mode. Our system can recover heat at a low condensing temperature because it has dedicated gas, liquid and discharge pipes.

In a 2-pipe system, gas and liquid travel as a mixture so the condensing temperature needs to be higher in order to separate the mixed gas and liquid refrigerant. The higher condensing temperature means more energy is used to recover heat resulting in lower efficiency.



Lower pressure drop means more efficiency

› Smooth refrigerant flow in 3-pipe system thanks to 2 smaller gas pipes results in higher energy efficiency
› Disturbed refrigerant flow in large gas pipe on 2-pipe system results in bigger pressure drop



Maximum design flexibility and installation speed

› Quickly and flexibly design your system with a unique range of single and multi BS boxes.
› A wide variety of compact and lightweight multi BS boxes greatly reduces installation time.
› Free combination of single and multi BS boxes

Single port

BS1Q 10,16,25A

Multi port: 4 – 6 – 8 – 10 – 12 – 16

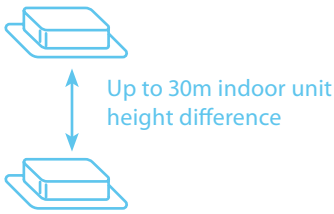
BS 4 Q14 A

BS 6, 8 Q14 A

BS 10, 12 Q14 A

BS 16 Q14 A

VRV IV heat recovery

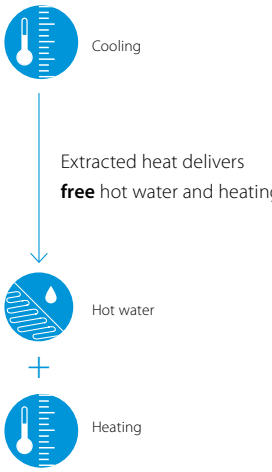


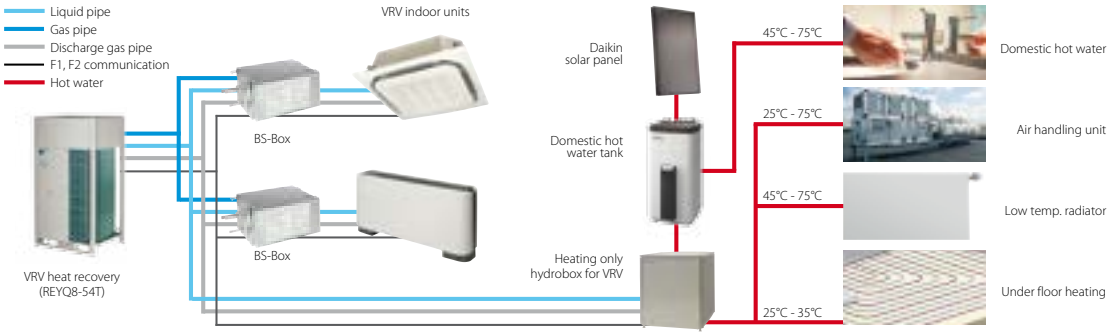
Best efficiency & comfort solution

- Fully integrated solution with heat recovery for maximum efficiency with COPs of up to 8 !
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains
- „Free" heating and hot water production provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- The perfect personal comfort for guests/tenants via simultaneous cooling and heating
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor
- Free combination of outdoor units to meet installation space or efficiency requirements
- Possibility to extend the operation range in cooling down to -20°C for technical cooling operation such as server rooms
- Contains all standard VRV features

Outdoor system				**REYQ**	**8T**	**10T**	**12T**	**14T**	**16T**	**18T**	**20T**
Capacity range				HP	8	10	12	14	16	18	20
Cooling capacity	Nom.	35°CDB		kW	22.4 (1)	28.0 (1)	33.5 (1)	40.0 (1)	45.0 (1)	50.4 (1)	56.0 (1)
		Eurovent		kW	22.4 (2)	28.0 (2)	33.5 (2)	40.0 (2)	45.0 (2)	-	
Heating capacity	Nom.	6°CWB		kW	22.4 (3)	28.0 (3)	33.5 (3)	40.0 (3)	45.0 (3)	50.4 (3)	56.0 (3)
		Eurovent		kW	22.40 (4)	28.00 (4)	33.5 (4)	40.00 (4)	45.00 (4)	-	
	Max.	6°CWB		kW	25.0 (3)	31.5 (3)	37.5 (3)	45.0 (3)	50.0 (3)	56.5 (3)	63.0 (3)
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	5.31 (1)	7.15 (1)	9.23 (1)	10.7 (1)	12.8 (1)	15.2	18.6
			Eurovent	kW	4.56 (2)	6.19 (2)	8.31 (2)	9.61 (2)	11.9 (2)	-	
	Heating	Nom.	6°CWB	kW	4.75 (3)	6.29 (3)	8.05 (3)	9.60 (3)	11.2 (3)	12.3	14.9
			Eurovent	kW	4.47 (4)	5.47 (4)	6.83 (4)	9.37 (4)	9.88 (4)	-	
		Max.	6°CWB	kW	5.51 (3)	7.38 (3)	9.43 (3)	11.3 (3)	12.9 (3)	14.3	17.5
EER at nom. capacity	35°CDB			kW/kW	4.22 (1)	3.92 (1)	3.63 (1)	3.74 (1)	3.52 (1)	3.32	3.01
	Eurovent			kW/kW	4.92 (2)	4.52 (2)	4.03 (2)	4.16 (2)	3.79 (2)	-	
COP at nom. capacity	6°CWB			kW/kW	4.72 (3)	4.45 (3)	4.16 (3)	4.17 (3)	4.02 (3)	4.10	3.76
	Eurovent			kW/kW	5.01 (4)	5.12 (4)	4.90 (4)	4.27 (4)	4.56 (4)	-	
COP at max. capacity	6°CWB			kW/kW	4.54 (3)	4.27 (3)	3.98 (3)		3.88 (3)	3.95	3.60
ESEER - Automatic					7.41	7.37	6.84	7.05	6.63	6.26	5.68
Maximum number of connectable indoor units					64 (5)						
Indoor index connection	Min.				100	125	150	175	200	225	250
	Nom.				200	250	300	350	400	450	500
	Max.				260	325	390	455	520	585	650
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	210	218		304	305	337	
Fan	Air flow rate	Cooling	Nom.	m^3/min	162	175	185	223	260	251	261
Sound power level	Cooling	Nom.		dBA	78	79	81		86		88
Sound pressure level	Cooling	Nom.		dBA	58		61		64	65	66
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0						
	Heating	Min.~Max.		°CWB	-20~15.5						
Refrigerant	Type				R-410A						
	GWP				2,087.5						
	Charge			TCO_2eq	20.2	20.5	20.7	24.6			
				kg	9.7	9.8	9.9	11.8			
Piping connections	Liquid	OD		mm	9.52		12.7			15.9	
	Gas	OD		mm	19.1	22.2	28.6				
	Total piping length	System	Actual	m	1,000						
	Discharge gas	OD		mm	15.9	19.1		22.2			28.6
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25		32	40		50

Outdoor system				**REYQ**	**10T**	**13T**	**16T**	**18T**	**20T**	**22T**	**24T**	**26T**	**28T**	**30T**	**32T**
System	Outdoor unit module 1				REMQ5T		REYQ8T			REYQ10T	REYQ8T	REYQ12T			REYQ16T
	Outdoor unit module 2				REMQ5T	REYQ8T		REYQ10T	REYQ12T		REYQ16T	REYQ14T	REYQ16T	REYQ18T	REYQ16T
Capacity range				HP	10	13	16	18	20	22	24	26	28	30	32
Cooling capacity	Nom.	35°CDB		kW	28.0 (1)	36.4 (1)	44.8 (1)	50.4 (1)	55.9 (1)	61.5 (1)	67.4 (1)	73.5 (1)	78.5 (1)	83.9 (1)	90.0 (1)
Heating capacity	Nom.	6°CWB		kW	28.0 (2)	36.4 (2)	44.8 (2)	50.4 (2)	55.9 (2)	61.5 (2)	67.4 (2)	73.5 (2)	78.5 (2)	83.9 (2)	90.0 (2)
	Max.	6°CWB		kW	32.0 (2)	41.0 (2)	50.0 (2)	56.5 (2)	62.5 (2)	69.0 (2)	75.0 (2)	82.5 (2)	87.5 (2)	94.0 (2)	100.0 (2)
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	6.34	8.48	10.62	12.46	14.54	16.38	18.11	19.93	22.03	24.43	25.6
	Heating	Nom.	6°CWB	kW	5.42	7.46	9.50	11.04	12.80	14.34	15.95	17.65	19.25	20.35	22.4
		Max.	6°CWB	kW	6.50	8.76	11.02	12.89	14.94	16.81	18.41	20.73	22.33	23.73	25.8
EER at nom. capacity	35°CDB			kW/kW	4.42	4.29	4.22	4.04	3.84	3.75	3.72	3.69	3.56	3.43	3.52
COP at nom. capacity	6°CWB			kW/kW	5.17	4.88	4.72	4.57	4.37	4.29	4.23	4.16	4.08	4.12	4.02
COP at max. capacity	6°CWB			kW/kW	4.92	4.68	4.54	4.38	4.18	4.10	4.07	3.98	3.92	3.96	3.88
ESEER - Automatic					7.77	7.54	7.41	7.38	7.06	7.07	6.87	6.95	6.72	6.48	6.63
ESEER - Standard					6.55	6.36	6.25	5.98	5.68	5.54	5.46	5.41	5.23	5.03	5.14
Maximum number of connectable indoor units					64 (3)										
Indoor index connection	Min.				125	162.5	200	225	250	275	300	325	350	375	400
	Nom.				250	325.0	400	450	500	550	600	650	700	750	800
	Max.				325	422.5	520	585	650	715	780	845	910	975	1,040
Piping connections	Liquid	OD		mm	9.52	12.7		15.9				19.1			
	Gas	OD		mm	22.2	28.6					34.9				
	Total piping length	System	Actual	m	500					1,000					
	Discharge gas	OD		mm	19.1	22.2		28.6							
Current - 50Hz	Maximum fuse amps (MFA)			A	40				50	63					80
Continuous heating					v										



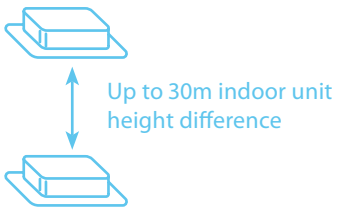


Outdoor system					**REYQ**	**34T**	**36T**	**38T**	**40T**	**42T**	**44T**	**46T**	**48T**	**50T**	**52T**	**54T**
System	Outdoor unit module 1					REYQ16T		REYQ8T	REYQ10T		REYQ12T	REYQ14T		REYQ16T		REYQ18T
	Outdoor unit module 2					REYQ18T	REYQ20T	REYQ12T			REYQ16T				REYQ18T	
	Outdoor unit module 3					-		REYQ18T		REYQ16T				REYQ18T		
Capacity range					HP	34	36	38	40	42	44	46	48	50	52	54
Cooling capacity	Nom.	35°CDB			kW	95.4 (1)	101.0 (1)	106.3 (1)	111.9 (1)	118.0 (1)	123.5 (1)	130.0 (1)	135.0 (1)	140.4 (1)	145.8 (1)	151.2 (1)
Heating capacity	Nom.	6°CWB			kW	95.4 (2)	101.0 (2)	106.3 (2)	111.9 (2)	118.0 (2)	123.5 (2)	130.0 (2)	135.0 (2)	140.4 (2)	145.8 (2)	151.2 (2)
	Max.	6°CWB			kW	106.5 (2)	113.0 (2)	119.0 (2)	125.5 (2)	131.5 (2)	137.5 (2)	145.0 (2)	150.0 (2)	156.5 (2)	163.0 (2)	169.5 (2)
Power input - 50Hz	Cooling	Nom.	35°CDB		kW	28.0	31.4	29.74	31.58	32.75	34.83	36.3	38.4	40.8	43.2	45.6
	Heating	Nom.	6°CWB		kW	23.5	26.1	25.10	26.64	28.69	30.45	32.00	33.6	34.7	35.8	36.9
		Max.	6°CWB		kW	27.2	30.4	29.24	31.11	33.18	35.23	37.1	38.7	40.1	41.5	42.9
EER at nom. capacity	35°CDB				kW/kW	3.41	3.22	3.57	3.54	3.60	3.55	3.58	3.52	3.44	3.38	3.32
COP at nom. capacity	6°CWB				kW/kW	4.06	3.87	4.24	4.20	4.11	4.06		4.02	4.05	4.07	4.10
COP at max. capacity	6°CWB				kW/kW	3.92	3.72	4.07	4.03	3.96	3.90	3.91	3.88	3.90	3.93	3.95
ESEER - Automatic						6.43	6.06	6.66	6.68	6.79	6.68	6.75	6.63	6.49	6.37	6.26
Maximum number of connectable indoor units						64 (3)										
Indoor index	Min.					425	450	475	500	525	550	575	600	625	650	675
connection	Nom.					850	900	950	1,000	1,050	1,100	1,150	1,200	1,250	1,300	1,350
	Max.					1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560	1,625	1,690	1,755
Piping connections	Liquid	OD			mm	19.1										
	Gas	OD			mm	34.9	41.3									
	Total piping length	System	Actual		m	1,000										
	Discharge gas	OD			mm	28.6		34.9								
Current - 50Hz	Maximum fuse amps (MFA)				A	80			100			125				
Continuous heating						v										

Outdoor unit module					**REMQ**	**5T**
Dimensions	Unit	Height/Width/Depth			mm	1,685/930/765
Weight	Unit				kg	210
Fan	Air flow rate	Cooling	Nom.		m^3/min	162
	External static pressure	Max.			Pa	78
	Discharge direction					Vertical
	Type					Propeller fan
Sound power level	Cooling	Nom.			dBA	77
Sound pressure level	Cooling	Nom.			dBA	56
Operation range	Cooling	Min.~Max.			°CDB	-5.0~43.0
	Heating	Min.~Max.			°CWB	-20~15.5
Refrigerant	Type					R-410A
	GWP					2,087.5
	Charge				TCO_2eq	20.2
					kg	9.7
Power supply	Phase/Frequency/Voltage				Hz/V	3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)				A	20

(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series
(2) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified (3) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series
(4) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified (5) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) | REMQ5 unit cannot be used as standalone unit. | Technical cooling setting, refer to the installation manual for more information

VRV IV heat pump

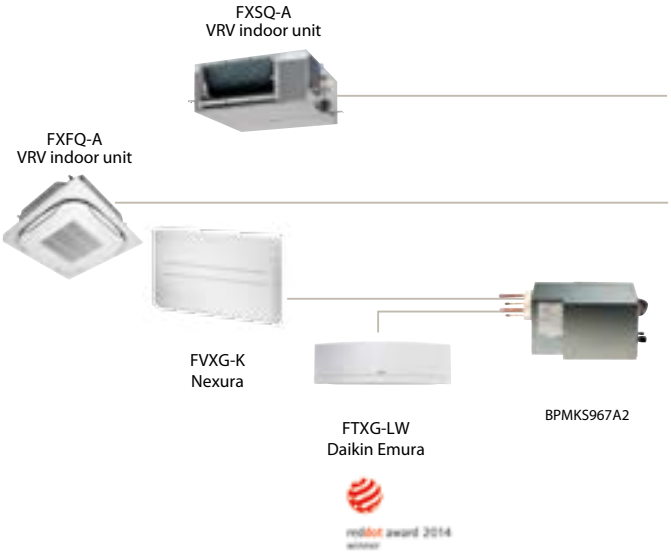


Daikin's optimum solution with top comfort

- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains
- Wide range of indoor units: possibility to combine VRV with stylish indoor units (Daikin Emura, Nexura, ...)
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor
- Free combination of outdoor units to meet installation space or efficiency requirements
- Available as heating only by irreversible field setting
- Contains all standard VRV features

Outdoor unit				**RYYQ/RXYQ**	**8T8**	**10T**	**12T**	**14T**	**16T**	**18T**	**20T**
Capacity range				HP	8	10	12	14	16	18	20
Cooling capacity	Nom.	35°CDB		kW	22.4 (1)	28.0 (1)	33.5 (1)	40.0 (1)	45.0 (1)	50.4 (1)	56.0 (1)
		Eurovent		kW	22.4 (2)	28.0 (2)	33.5 (2)	40.0 (2)	45.0 (2)	-	
Heating capacity	Nom.	6°CWB		kW	22.4 (3)	28.0 (3)	33.5 (3)	40.0 (3)	45.0 (3)	50.4 (3)	56.0 (3)
		Eurovent		kW	22.40	28.00	33.50	40.0	45.0	-	
	Max.	6°CWB		kW	25.0 (3)	31.5 (3)	37.5 (3)	45.0 (3)	50.0 (3)	56.5 (3)	63.0 (3)
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	5.21 (1)	7.29 (1)	8.98 (1)	11.0 (1)	13.0 (1)	15.0 (1)	18.5 (1)
			Eurovent	kW	4.47 (2)	6.32 (2)	8.09 (2)	9.88 (2)	12.10 (2)	-	
	Heating	Nom.	6°CWB	kW	4.75 (3)	6.29 (3)	7.77 (3)	9.52 (3)	11.1 (3)	12.6 (3)	14.5 (3)
			Eurovent	kW	4.47	5.47	6.59	9.30	9.8	-	
		Max.	6°CWB	kW	5.51 (3)	7.38 (3)	9.10 (3)	11.2 (3)	12.8 (3)	14.6 (3)	17.0 (3)
EER at nom. capacity	35°CDB			kW/kW	4.30 (1)	3.84 (1)	3.73 (1)	3.64 (1)	3.46 (1)	3.36 (1)	3.03 (1)
	Eurovent			kW/kW	5.01 (2)	4.43 (2)	4.14 (2)	4.05 (2)	3.73 (2)	-	
COP at nom. capacity	6°CWB			kW/kW	4.72 (3)	4.45 (3)	4.31 (3)	4.20 (3)	4.05 (3)	4.00	3.86
	Eurovent			kW/kW	5.01	5.12	5.08	4.30	4.59	-	
COP at max. capacity	6°CWB			kW/kW	4.54 (3)	4.27 (3)	4.12 (3)	4.02 (3)	3.91 (3)	3.87	3.71
ESEER - Automatic					7.53	7.20	6.96	6.83	6.50	6.38	5.67
Maximum number of connectable indoor units					64 (4)						
Indoor index connection	Min.				100	125	150	175	200	225	250
	Nom.				200	250	300	350	400	450	500
	Max.				260	325	390	455	520	585	650
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	243	252		356		391	
Fan	Air flow rate	Cooling	Nom.	m^3/min	162	175	185	223	260	251	261
Sound power level	Cooling	Nom.		dBA	78	79	81		86		88
Sound pressure level	Cooling	Nom.		dBA	58		61		64	65	66
Operation range	Cooling	Min.~Max.		°CDB	-5~43						
	Heating	Min.~Max.		°CWB	-20~15.5						
Refrigerant	Type				R-410A						
	GWP				2,087.5						
	Charge			TCO_2eq	12.3	12.5	13.2	21.5	21.7	24.4	24.6
				kg	5.9	6	6.3	10.3	10.4	11.7	11.8
Piping connections	Liquid	OD		mm	9.52		12.7			15.9	
	Gas	OD		mm	19.1	22.2	28.6				
	Total piping length	System	Actual	m	1,000						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32		40		50

Outdoor system				**RYYQ/RXYQ**	**22T**	**24T8**	**26T**	**28T**	**30T**	**32T**	**34T**	**36T**	**38T8**	**40T**
System	Outdoor unit module 1				10T	8T8		12T			16T		8T8	10T
	Outdoor unit module 2				12T	16T	14T	16T	18T	16T	18T	20T	10T	12T
	Outdoor unit module 3				-								20T	18T
Capacity range				HP	22	24	26	28	30	32	34	36	38	40
Cooling capacity	Nom.	35°CDB		kW	61.5 (1)	67.4 (1)	73.5 (1)	78.5 (1)	83.9 (1)	90.0 (1)	95.4 (1)	101.0 (1)	106.3 (1)	111.9 (1)
Heating capacity	Nom.	6°CWB		kW	61.5 (2)	67.4 (2)	73.5 (2)	78.5 (2)	83.9 (2)	90.0 (2)	95.4 (2)	101.0 (2)	106.3 (2)	111.9 (2)
	Max.	6°CWB		kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.0	125.5
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	16.27 (1)	18.2 (1)	20.0 (1)	22.0 (1)	24.0 (1)	26.0 (1)	28.0 (1)	31.5 (1)	29.2 (1)	31.3 (1)
	Heating	Nom.	6°CWB	kW	14.06 (2)	15.85 (2)	17.29 (2)	18.87 (2)	20.4 (2)	22.2 (2)	23.7 (2)	25.6 (2)	25.1 (2)	26.7 (2)
		Max.	6°CWB	kW	16.48	18.31	20.30	21.90	23.7	25.6	27.4	29.8	29.2	31.1
EER at nom. capacity	35°CDB			kW/kW	3.77 (1)	3.70 (1)	3.68 (1)	3.57 (1)	3.5 (1)	3.46 (1)	3.4 (1)	3.21 (1)	3.6 (1)	
COP at nom. capacity	6°CWB			kW/kW	4.37	4.25		4.16	4.1	4.05	4.0	3.95	4.2	
COP at max. capacity	6°CWB			kW/kW	4.19	4.10	4.06	4.00		3.91	3.9	3.79	4.1	4.0
ESEER - Automatic					7.07	6.81	6.89	6.69	6.60	6.50	6.44	6.02	6.36	6.74
Maximum number of connectable indoor units					64 (3)									
Indoor index connection	Min.				275	300	325	350	375	400	425	450	475	500
	Nom.				550	600	650	700	750	800	850	900	950	1,000
	Max.				715	780	845	910	975	1,040	1,105	1,170	1,235	1,300
Piping connections	Liquid	OD		mm	15.9		19.1							
	Gas	OD		mm	28.6	34.9						41.3		
	Total piping length	System	Actual	m	1,000									
Current - 50Hz	Maximum fuse amps (MFA)			A	63				80				100	



RYYQ-T(8)/RXYQ-T(8)

Outdoor system				RYYQ	42T	44T	46T	48T	50T	52T	54T
System	Outdoor unit module 1				10T	12T	14T		16T		18T
	Outdoor unit module 2						16T			18T	
	Outdoor unit module 3					16T			18T		
Capacity range				HP	42	44	46	48	50	52	54
Cooling capacity	Nom.	35°CDB		kW	118.0 (1)	123.5 (1)	130.0 (1)	135.0 (1)	140.0 (1)	145.8 (1)	151.2 (1)
Heating capacity	Nom.	6°CWB		kW	118.0 (2)	123.5 (2)	130.0 (2)	135.0 (2)	140.0 (2)	145.8 (2)	151.2 (2)
	Max.	6°CWB		kW	131.5	137.5	145.0	150.0	156.0	163.0	169.5
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	33.3 (1)	35.0 (1)	37.0 (1)	39.0 (1)	40.7 (1)	43.0 (1)	45.0 (1)
	Heating	Nom.	6°CWB	kW	28.49 (2)	29.97 (2)	31.72 (2)	33.3 (2)	34.6 (2)	36.3 (2)	37.8 (2)
		Max.	6°CWB	kW	32.98	34.70	36.8	38.4	40.0	42.0	43.8
EER at nom. capacity	35°CDB			kW/kW	3.54 (1)		3.51 (1)	3.46 (1)	3.44 (1)	3.4 (1)	3.40 (1)
COP at nom. capacity	6°CWB			kW/kW	4.14	4.12	4.10	4.05		4.0	
COP at max. capacity	6°CWB			kW/kW	3.99	3.96	3.94	3.91		3.90	
ESEER - Automatic					6.65	6.62	6.60	6.50	6.46	6.42	6.38
Maximum number of connectable indoor units					64 (3)						
Indoor index connection	Min.				525	550	575	600	625	650	675
	Nom.				1,050	1,100	1,150	1,200	1,250	1,300	1,350
	Max.				1,365	1,430	1,495	1,560	1,625	1,690	1,755
Piping connections	Liquid	OD		mm	19.1						
	Gas	OD		mm	41.3						
	Total piping length	System	Actual	m	1,000						
Current - 50Hz	Maximum fuse amps (MFA)			A	100			125			

Outdoor unit module				RYMQ	10T	12T	14T	16T	18T	20T	8T
Dimensions	Unit	Height/Width/Depth		mm	1,685/930/765		1,685/1,240/765				1,685/930/765
Weight	Unit			kg	195		309		319		188
Fan	Air flow rate	Cooling	Nom.	m^3/min	175	185	223	260	251	261	162
	External static pressure	Max.		Pa	78						
	Discharge direction				Vertical						
	Type				Propeller fan						
Sound power level	Cooling	Nom.		dBA	79	81		86		88	78
Sound pressure level	Cooling	Nom.		dBA	58	61		64	65	66	58
Operation range	Cooling	Min.~Max.		°CDB	-5~43						
	Heating	Min.~Max.		°CWB	-20~15.5						
Refrigerant	Type				R-410A						
	GWP				2,087.5						
	Charge			TCO_2eq	12.5	13.2	21.5	21.7	24.4	24.6	12.3
				kg	6	6.3	10.3	10.4	11.7	11.8	5.9
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	25	32		40		50	20

(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series (2) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series (3) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) | The STANDARD ESEER value corresponds with normal VRV4 Heat Pump operation, not taking into account advanced energy saving operation functionality | The AUTOMATIC SEER value corresponds with normal VRV4 Heat Pump operation, taking into account advanced energy saving operation functionality (variable refrigerant temperature control operation) | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified

VRV IV S-series heat pump

RXYSCQ-TV1 / RXYSQ-TV1 / RXYSQ-TY1

Variable Refrigerant Temperature

A wide range, big on features

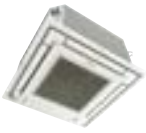
They may be discreet, but Daikin VRV IV S-series units stand out when it comes to benefits they deliver. They provide the perfect indoor climate, while remaining totally discreet from the outside. If you need efficient and effective air conditioning from a completely unnoticeable unit, look no further.

Features

- A wide range of stylish residential or commercial indoor units can be connected
- A total air conditioning solution integrating air handling units and/or air curtains
- Complete reliability thanks to refrigerant-cooled PCB
- Suitable for bigger projects of up to 150 to 200m²
- Light weight unit (down to 88kg) is easy to install and handle
- A perfect match for any application thanks to the wide range of small-footprint units
- Widest range of front blow units on the market

Total solution

Daikin Emura
wall mounted unit



Fully flat cassette

Biddle air curtain

Nexura
Floor standing unit

Air handling unit for ventilation

10/12 HP 8 HP 4/5/6 HP 4/5 HP

Most compact unit on the market 823mm high & 88kg

Compact:
Easy for a two person crew to move and install.

YouTube

www.youtube.com/DaikinEurope

VRV IV S-series compact heat pump

The most compact VRV

- Compact & lightweight single fan design makes the unit almost unnoticeable
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air cutains
- Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Nexura ...
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator, 7 segment display and full inverter compressors, refrigerant cooled PCB, new DC fan motor
- 3 steps in night quiet mode: step 1: 47dBA, step 2: 44 dBA, step 3: 41 dBA
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- Contains all standard PRV features

RXYSCQ-TV1

Connectable stylish indoor units

		15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Round flow cassette	FCQG-F				●		●	●	
Fully flat cassette	FFQ-C			●	●		●	●	
Small concealed ceiling unit	FDBQ-B			●	●		●	●	
Slim concealed ceiling unit	FDXM-F3			●	●		●	●	
Concealed ceiling unit with inverter driven fan	FBQ-D			●	●		●	●	
Daikin Emura - Wall mounted unit	FTXG-LW/LS		●	●	●		●		
Wall mounted unit	CTXS-K	●			●				
Wall mounted unit	FTXS-K		●	●	●	●	●		
Wall mounted unit	FTXS-G							●	●
Ceiling suspended unit	FHQ-CB				●		●	●	
Nexura - Floor standing unit	FVXG-K			●	●		●		
Floor standing unit	FVXS-F			●	●		●		
Flexi type unit	FLXS-B(9)			●	●		●	●	

Outdoor unit				**RXYSCQ**	**4TV1**	**5TV1**
Capacity range				HP	4	5
Cooling capacity	Nom.	35°CDB		kW	12.1	14.0
Heating capacity	Nom.	6°CWB		kW	12.1	14.0
	Max.	6°CWB		kW	14.2	16.0
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	3.43	4.26
	Heating	Nom.	6°CWB	kW	3.18	3.19
		Max.	6°CWB	kW	4.14	5.00
COP at nom. capacity	6°CWB			kW/kW	3.81	3.58
COP at max. capacity	6°CWB			kW/kW	3.43	3.20
ESEER - Automatic					6.93	6.57
Maximum number of connectable indoor units					64	
Indoor index connection	Min.				50	62.5
	Nom.				-	
	Max.				130	162.5
Dimensions	Unit	HeightxWidthxDepth		mm	823x940x460	
Weight	Unit			kg	94	
Fan	Air flow rate	Cooling	Nom.	m^3/min	91	
Sound power level	Cooling	Nom.		dBA	68	69
Sound pressure level	Cooling	Nom.		dBA	51	52
Operation range	Cooling	Min.~Max.		°CDB	-5~46	
	Heating	Min.~Max.		°CWB	-20~15.5	
Refrigerant	Type				R-410A	
	GWP				2,087.5	
	Charge			TCO_2eq	7.7	
				kg	3.7	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	15.9	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	32	

(1) Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤130%).

VRV IV S-series heat pump

Space saving solution without compromising on efficiency

- Space saving trunk design for flexible installation
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air cutains
- Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Nexura ...
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors
- 3 steps in night quiet mode: step 1: 47dBA, step 2: 44 dBA, step 3: 41 dBA
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- Contains all standard VRV features

RXYSQ4-6TV1_TY1

Connectable stylish indoor units

		15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Round flow cassette	FCQG-F				●		●	●	
Fully flat cassette	FFQ-C			●	●		●	●	
Small concealed ceiling unit	FDBQ-B			●	●		●	●	
Slim concealed ceiling unit	FDXM-F3			●	●		●	●	
Concealed ceiling unit with inverter driven fan	FBQ-D			●	●		●	●	
Daikin Emura - Wall mounted unit	FTXG-LW/LS		●	●	●		●		
Wall mounted unit	CTXS-K	●			●				
Wall mounted unit	FTXS-K		●	●	●	●	●		
Wall mounted unit	FTXS-G							●	●
Ceiling suspended unit	FHQ-CB				●		●	●	
Nexura - Floor standing unit	FVXG-K			●	●		●		
Floor standing unit	FVXS-F			●	●		●		
Flexi type unit	FLXS-B(9)			●	●		●	●	

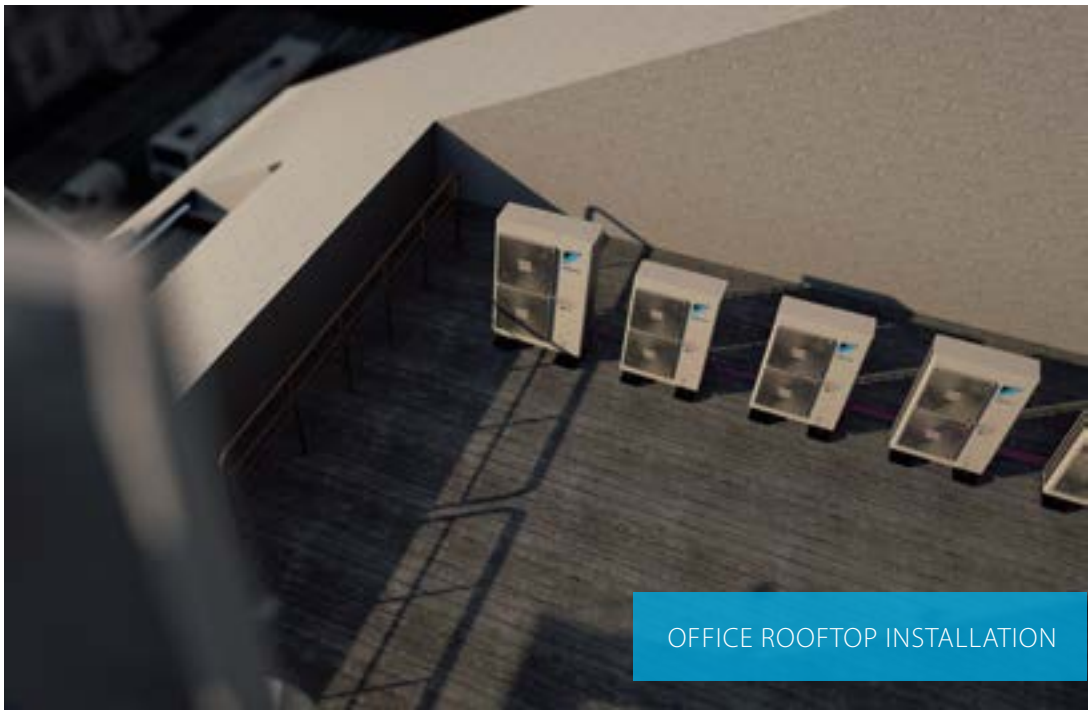
Outdoor unit				RXYSQ-TV1/RXYSQ-TY1	4TV1	5TV1	6TV1	4TY1	5TY1	6TY1	8TY1	10TY1	12TY1
Capacity range				HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Nom.	35°CDB		kW	12.1	14.0	15.5	12.1	14.0	15.5		-	
		Eurovent		kW	-						22.4	28.0	33.5
Heating capacity	Nom.	6°CWB		kW	12.1 (1)	14.0 (1)	15.5 (1)	12.1 (1)	14.0 (1)	15.5 (1)	22.4 (1)	28.0 (1)	33.5 (1)
	Max.	6°CWB		kW	14.2 (1)	16.0 (1)	18.0 (1)	14.2 (1)	16.0 (1)	18.0 (1)	25.0 (1)	31.5 (1)	37.5 (1)
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	3.03	3.73	4.56	3.03	3.73	4.56		-	
			Eurovent	kW	-						6.12	8.24	10.2
	Heating	Nom.	6°CWB	kW	2.68 (1)	3.27 (1)	3.97 (1)	2.68 (1)	3.27 (1)	3.97 (1)	5.20 (1)	6.60 (1)	8.19 (1)
		Max.	6°CWB	kW	3.43 (1)	4.09 (1)	5.25 (1)	3.43 (1)	4.09 (1)	5.25 (1)	6.22 (1)	8.33 (1)	10.2 (1)
EER at nom. capacity	Eurovent			kW/kW	-						3.66	3.40	3.30
COP at nom. capacity	6°CWB			kW/kW	4.52 (1)	4.28 (1)	3.90 (1)	4.52 (1)	4.28 (1)	3.90 (1)	4.31 (1)	4.24 (1)	4.09 (1)
COP at max. capacity	6°CWB			kW/kW	4.14 (1)	3.91 (1)	3.43 (1)	4.14 (1)	3.91 (1)	3.43 (1)	4.02 (1)	3.78 (1)	3.66 (1)
ESEER - Automatic					7.89	7.49	6.73	7.89	7.49	6.73	6.72	6.41	6.18
Maximum number of connectable indoor units					64								
Indoor index connection	Min.				50	62.5	70	50	62.5	70	100	125	150
	Nom.				-								
	Max.				130	162.5	182	130	162.5	182	260	325	390
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320						1,430x940x320	1,615x940x460	
Weight	Unit			kg	104						144	175	180
Fan	Air flow rate	Cooling	Nom.	m^3/min	106						140	182	
Sound power level	Cooling	Nom.		dBA	68	69	70	68	69	70	73	74	76
Sound pressure level	Cooling	Nom.		dBA	50	51		50	51		55		57
Operation range	Cooling	Min.~Max.		°CDB	-5~46						-5~52		
	Heating	Min.~Max.		°CWB	-20~15.5								
Refrigerant	Type				R-410A								
	GWP				2,087.5								
	Charge			TCO_2eq	7.5						9.4	14.6	16.7
				kg	3.6						5.5	7	8
Piping connections	Liquid	OD		mm	9.52								12.7
	Gas	OD		mm	15.9		19.1	15.9		19.1		22.2	25.4
	Total piping length	System	Actual	m	300			-					
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240			3N~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)			A	32			16			25		32

(1) Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤130%).

PIPE RUN OF 70M ALLOWS INSTALLATION AWAY FROM THE HOUSE

LARGE VILLA APPLICATION

PARAPET INSTALLATION



OFFICE ROOFTOP INSTALLATION

VRV IV heat pump for indoor installation

SB.RKXYQ-T

Keep looking you'll never find me

You can install highly efficient, reliable Daikin air conditioning systems in the most demanding locations while remaining invisible from street level.

Invisible

› Completely invisible only the grilles are visible
› Seamless integration into surrounding architecture
› Highly suited to densely populated areas thanks to the low operation sound

Intuitive

› Total flexibility as the outdoor unit is split up in 2 parts
› Easy and quick to transport and install by just 2 persons
› Easy servicability, all components can be easily reached

Intelligent

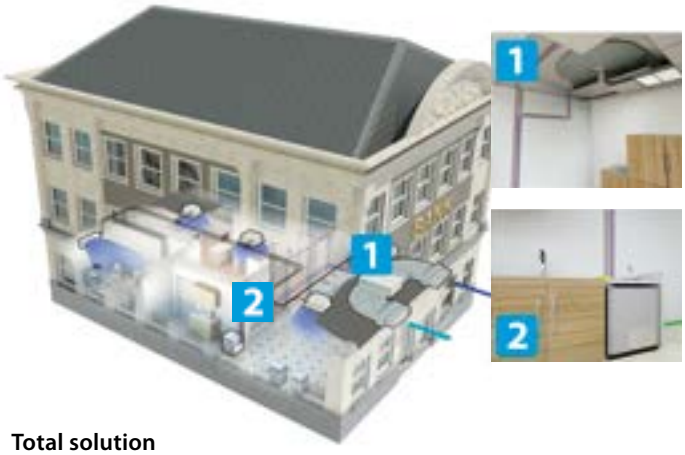
› Patented V-shape heat exchanger for the most compact unit (400 mm high) ever
› Connectable to all VRV indoor units
› Provides a total solution when combined with ventilation units, Biddle air curtains and controls

Unique concept with 5 patents

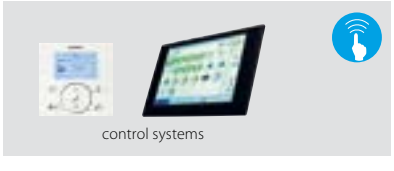
Variable Refrigerant Temperature

Invisible

Unique outdoor unit in 2 parts



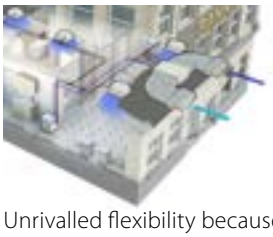
Total solution



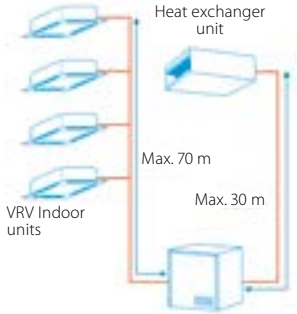
VRV IV heat pump for indoor installation

The invisible VRV

› Unique VRV heat pump for indoor installation



› Unrivalled flexibility because the unit is split up into two elements: the heat exchanger and the compressor



› Highly suited to densely populated areas thanks to the low operation sound and seamless integration into surrounding architecture as only the grille is visible

SB.RKXYQ-T

› Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator and full inverter compressors
› Lightweight units (max. 105kg) can be installed by two people
› Unique V-shape heat exchanger results in compact dimensions (h/e unit only 400mm high) allowing false ceiling installation, while ensuring top efficiency
› Super efficient centrifugal fans (over 50% efficiency increase compared to sirocco fan)
› Small footprint compressor unit (760 x 554 mm) maximizing useable floor space
› Contains all standard VRV features

NEW

Outdoor system					SB.RKXYQ	5T	8T
System	Heat exchanger unit					RDXYQ5T	RDXYQ8T
	Compressor unit					RKXYQ5T	RKXYQ8T
Capacity range					HP	5	8
Cooling capacity	Nom.	35°CDB			kW	14.0	21.4
Heating capacity	Nom.	6°CWB			kW	14.0	21.4
	Max.	6°CWB			kW	16.0	25.0
Power input - 50Hz	Cooling	Nom.	35°CDB		kW	4.38	7.64
	Heating	Nom.	6°CWB		kW	3.68	5.94
		Max.	6°CWB		kW	4.71	7.60
EER at nom. capacity	35°CDB				kW/kW	3.20	2.80
COP at nom. capacity	6°CWB				kW/kW	3.80	3.60
COP at max. capacity	6°CWB				kW/kW	3.40	3.29
Maximum number of connectable indoor units						10 (1)	17 (1)
Indoor index connection	Min.					63	100
	Nom.					125	200
	Max.					163	260
Fan	External static pressure	Max.			Pa	150	
		Nom.			Pa	60	
Piping connections	Between	Liquid	OD		mm	12.7	
	Compressor module (CM) and heat exchanger module (HM)	Gas	OD		mm	19.1	22.2
	Between	Liquid	OD		mm	9.52	
	Compressor module (CM) and indoor units (IU)	Gas	OD		mm	15.9	19.1
	Total piping length	System	Actual		m	140	300

(1) Actual number of units depends on the indoor unit type (VRV DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤ 130%).

Outdoor unit module					compressor module		heat exchanger module	
					RKXYQ8T	RKXYQ5T	RDXYQ8T	RDXYQ5T
Dimensions	Unit	Height/Width/Depth		mm	701/600/554	701/760/554	397/1,456/1,044	397/1,456/1,044
Weight	Unit			kg	77	105	97	103
Fan	Air flow rate	Cooling	Nom.	m^3/min	-	-	55	100
Sound power level	Cooling	Nom.		dBA	60	64	76	81
Sound pressure level	Cooling	Nom.		dBA	47	48	46	54
Refrigerant	Type				R-410A			
	GWP				2,087.5	2,087.5	-	-
	Charge			TCO_2eq	4.20	8.35	-	-
				kg	2.00	4.00	-	-
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415	3N~/50/380-415	1N~/50/220-240	1N~/50/220-240
Current - 50Hz	Maximum fuse amps (MFA)			A	16	20	10	10

VRVIII heat pump, optimised for heating

Where heating is priority without compromising on efficiency

- First system in the industry developed for heating operation in low ambient conditions, making it suitable for single source heating
- Extended operation range down to -25°C in heating
- Stable heating capacity and high COP values at low ambients thanks to the two stage compression technology (COP values of 3.0 and more at -10°C)
- Improved comfort thanks to shorter defrost time
- Shorter heat up time compared to standard VRVIII heat pump
- Contains all standard VRV features

RTSYQ14-16PA

Outdoor system					RTSYQ	10PA	14PA	16PA	20PA
System	Outdoor unit module 1					RTSQ10PAY1	RTSQ14PAY1	RTSQ16PAY1	RTSQ8PAY1
	Outdoor unit module 2						-		RTSQ12PAY1
	Function unit						BTSQ20PY1		
Capacity range					HP	10	14	16	20
Cooling capacity	Nom.	35°CDB			kW	28.0	40.0	45.0	56.0
Heating capacity	Nom.	6°CWB			kW	31.5 / 28.0	45.0 / 40.0	50.0 / 45.0	63.0 / 55.9
Power input - 50Hz	Cooling	Nom.	35°CDB		kW	7.90	12.6	14.9	15.4
	Heating	Nom.	6°CWB		kW	7.78 / 8.18	11.4 / 12.8	13.0 / 15.0	15.4 / 18.70
EER at nom. capacity	35°CDB				kW/kW	3.54	3.17	3.02	3.64
COP at max. capacity	6°CWB				kW/kW	4.05 / 3.42	3.95 / 3.13	3.85 / 3.00	4.09 / 2.99
Maximum number of connectable indoor units						21	30	34	43
Indoor index connection	Min.					125	175	200	250
	Nom.					250	350	400	500
	Max.					325	455	520	650
Sound pressure level	Cooling	Nom./Max.			dBA	60/62	61/63	63/65	
Piping connections	Liquid	OD			mm	9.52	12.7		15.9
	Gas	OD			mm	22.2	28.6		
	Total piping length	System	Actual		m	500			
	Oil equalizing	OD			mm		-		19.1
Current - 50Hz	Maximum fuse amps (MFA)				A	25	35	40	50

Outdoor unit module					RTSQ	BTSQ20P	8PA	10PA	12PA	14PA	16PA
Dimensions	Unit	Height/Width/Depth			mm	1,570/460/765	1,680/930/765			1,680/1,240/765	
Weight	Unit				kg	110	205	257		338	344
Fan	Air flow rate	Cooling	Nom.		m^3/min	-	185		200	233	239
	External static pressure	Max.			Pa	-	78				
	Type					-	Propeller fan				
Sound power level	Cooling	Nom.			dBA	-					
Operation range	Cooling	Min.~Max.			°CDB	-5~43					
	Heating	Min.~Max.			°CWB	-25~15.5					
Refrigerant	Type					R-410A					
	GWP					2,087.5					
	Charge				TCO_2eq	-	19.6	21.9	22.8	24.4	
					kg	-	9.4	10.5	10.9	11.7	
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)				A	20	25			35	40

VRV Classic

Classic VRV configuration

› For standard cooling & heating requirements
› Connectable to all standard VRV indoor units, controls and ventilation
› Contains all standard VRV features

RXYCQ16-20A

Outdoor unit					RXYCQ	8A	10A	12A	14A	16A	18A	20A
Capacity range					HP	8	10	12	14	16	18	20
Cooling capacity	Nom.	35°CDB			kW	20.0	25.0	30.0	35.0	40.0	45.0	50.4
Heating capacity	Nom.	6°CWB			kW	22.4	28.0	33.6	31.5	44.8	50.4	56.5
Power input - 50Hz	Cooling	Nom.	35°CDB		kW	6.60	6.74	8.77	11.4	12.9	15.0	17.9
	Heating	Nom.	6°CWB		kW	5.80	7.00	8.62	8.18	11.8	13.8	16.1
EER at nom. capacity	35°CDB				kW/kW	3.03	3.71	3.42	3.07	3.10	3.00	2.81
COP at max. capacity	6°CWB				kW/kW	3.86	4.00	3.90	3.85	3.80	3.65	3.50
Maximum number of connectable indoor units						64						
Indoor index connection	Min.					100	125	150	175	200	225	250
	Nom.					200	250	300	350	400	450	500
	Max.					200	250	360	420	480	540	600
Dimensions	Unit	HeightxWidthxDepth			mm	1,680x635x765	1,680x930x765			1,680x1,240x765		
Weight	Unit				kg	159	187	240		316		324
Fan	Air flow rate	Cooling	Nom.		m^3/min	95	171	185	196	233		239
Sound power level	Cooling	Nom.			dBA	78	81			86		88
Sound pressure level	Cooling	Nom.			dBA	58	59	61		64	65	66
Operation range	Cooling	Min.~Max.			°CDB	-5~43						
	Heating	Min.~Max.			°CWB	-20~15.5						
Refrigerant	Type					R-410A						
	GWP					2,087.5						
	Charge				TCO_2eq	12.9	16.1	17.5	18	23.6	24	24.4
					kg	6.2	7.7	8.4	8.6	11.3	11.5	11.7
Piping connections	Liquid	OD			mm		9.52			12.7		15.9
	Gas	OD			mm	15.9	19.1	22.2		28.6		
	Total piping length	System	Actual		m	300						
Power supply	Phase/Frequency/Voltage				Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)				A	16	25			40		

Replacement technology

The quick and quality way of upgrading R-22 and R-407C systems

These benefits will convince your customer

Drastically improve your efficiency, comfort and reliability

Avoid loss of business

Replacing now prevents unplanned, lengthy downtime of air conditioning systems. It also avoids loss of business for shops, complaints from guests in hotels, lower working efficiency and loss of tenants in offices.

Quick and easy installation

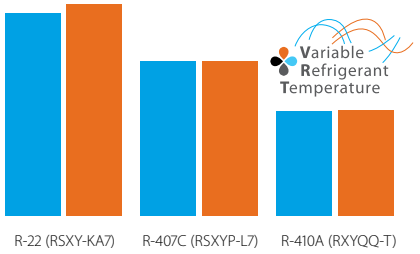
No interruption of daily business while replacing the system thanks to phased-in, fast installation.

Smaller footprint, more performance

Thanks to a smaller footprint, Daikin outdoor units save space. Also, more indoor units can be connected to the new outdoor unit compared to the old system, allowing to increase capacity.

Lower long-term costs

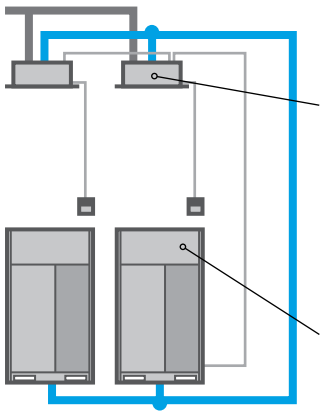
EU Directives prohibit system repairs with R-22 after January 1, 2015. Delaying the required R-22 replacement until an unplanned system breakdown is a losing game. Replacement day will come. Installing a technically advanced system lowers energy consumption and maintenance costs from day one.



Up to 48% less consumption

Comparison of 10HP systems:
- Cooling mode
- Heating mode

Keep your refrigerant piping



The Daikin low-cost upgrade solution

! Replace indoor units and BS boxes

Contact your local dealer to check compatibility in case you need to keep the indoor units.

! Replace outdoor units

Your copper pipes will last for multiple generations

- copper pipes used in air conditioning systems tested by Daikin will last over 60 years after installation.
- Japan/China have replaced with VRV Q-series already 10 years ago!

Umeda Center Building, Japan
- original A/C system: 20 years in use
- replacement with VRV Q-series: 2006 - 2009
- capacity up from 1620HP to 2322HP
- SHASE renewal award: 2013 (1st)

Planning your replacement in future?

Monitor your system now!

Your building use might have changed over the years. Monitoring and Daikin expert advice prepare you for an optimum replacement to maximize efficiency and comfort, while minizing the investment cost of your new system.

VRV-Q benefits to increase your profit

Optimise your business

Less installation time

Tackle more projects in less time thanks to faster installation. It is more profitable than replacing the full system with new piping.

Lower installation costs

Reducing installation costs enables you to offer customers the most cost-effective solution and improve your competitive edge.

Replace non-Daikin systems

NON DAIKIN › DAIKIN

It is a trouble-free replacement solution for Daikin systems and for systems made by other manufacturers.

Easy as one-two-three

A simple solution for replacement technology enables you to handle more projects for more customers in less time and offer them the best price! Everybody gains.

Automatic refrigerant charge

The unique automatic refrigerant charge eliminates the need to calculate refrigerant volume and ensures that the system will operate perfectly. Not knowing the exact piping lengths because of changes or mistakes in case you didn't do the original installation or replacing a competitor installation no longer poses a problem.

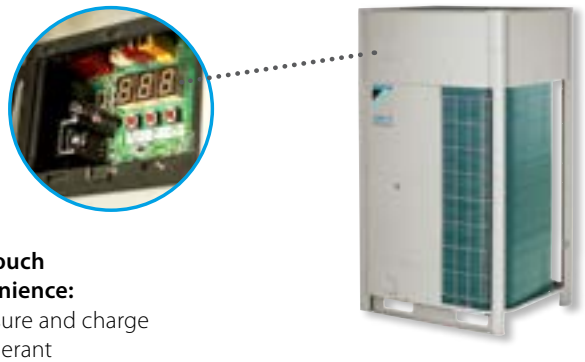
Automatic pipe cleaning

There is no need to clean inside piping as this is handled automatically by the VRV-Q unit. Finally the test operation is performed automatically to save time.

Compare installation steps

Conventional solution	VRV-Q
1 Recover refrigerant	1 Recover refrigerant
2 Remove units	2 Remove units
3 Remove refrigerant pipes	Re-use existing piping and wiring
4 Install new piping and wiring	3 Install new units
5 Install new units	4 Leak test
6 Leak test	5 Vacuum drying
7 Vacuum drying	6 Auromatic refrigerant charging, cleaning and testing
8 Refrigerant charging	
9 Collect contamination	
10 Test operation	

Up to 45% shorter installation time



One touch convenience:

› Measure and charge refrigerant
› Automatic pipe cleaning
› Test operation

Replacement VRV

Quick & quality replacement for R-22 and R-407C systems

- Cost effective and fast replacement as only the outdoor and indoor unit needs to be replaced, meaning almost no work has to be carried out inside the building
- Efficiency gains of more than 70% can be realized, by virtue of technological developments in heat pump technology and the more efficient R-410A refrigerant
- Less intrusive and time consuming installation compared to installing a new system, as the refrigerant piping can be maintained
- Unique automatic refrigerant charge eliminates the need to calculate refrigerant volume and allows safe replacement of competitor replacement
- Automatic cleaning of refrigerant piping ensures a clean piping network, even when a compressor breakdown has occurred
- Accurate temperature control, fresh air provision, air handling units and Biddle air curtains all integrated in a single system requiring only one single point of contact (RXYQQ-T only)
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors (RXYQQ-T only)
- Possibility to add indoor units and increase capacity without changing the refrigerant piping
- Possibility to spread the various stages of repclacement thanks to the modular design of the VRV system
- Free combination of outdoor units to meet installation space or efficiency requirements (RXYQQ-T only)

RQCEQ712-848P3

Outdoor system					RQCEQ	280P3	360P3	460P3	500P3	540P3	636P3	712P3	744P3	816P3	848P3
System	Outdoor unit module 1					RQEQ140P3	RQEQ180P3	RQEQ140P3		RQEQ180P3	RQEQ212P3	RQEQ140P3		RQEQ180P3	RQEQ212P3
	Outdoor unit module 2					RQEQ140P3	RQEQ180P3	RQEQ140P3	RQEQ180P3		RQEQ212P3	RQEQ180P3		RQEQ212P3	
	Outdoor unit module 3					-		RQEQ180P3			RQEQ212P3	RQEQ180P3	RQEQ212P3		
	Outdoor unit module 4					-						RQEQ212P3			
Capacity range					HP	10	13	16	18	20	22	24	26	28	30
Cooling capacity	Nom.	35°CDB			kW	28.0	36.0	45.0	50.0	54.0	63.6	71.2	74.4	81.6	84.8
Heating capacity	Nom.	6°CWB			kW	32.0	40.0	52.0	56.0	60.0	67.2	78.4	80.8	87.2	89.6
Power input - 50Hz	Cooling	Nom.	35°CDB		kW	7.04	10.3	12.2	13.9	15.5	21.9	21.2	23.3	27.1	29.2
	Heating	Nom.	6°CWB		kW	8.00	10.7	13.4	14.7	16.1	17.7	20.7	21.2	23.1	23.6
EER at nom. capacity	35°CDB				kW/kW	3.98	3.48	3.77	3.61	3.48	2.90	3.36	3.19	3.01	2.90
COP at max. capacity	6°CWB				kW/kW	4.00	3.72	3.89	3.80	3.72	3.79	3.80	3.81	3.77	3.79
Maximum number of connectable indoor units						21	28	34	39	43	47	52	56	60	64
Indoor index connection	Min.					140	180	230	250	270	318	356	372	408	424
	Nom.					280	360	500		540	636	712	744	816	848
	Max.					364	468	598	650	702	827	926	967.0	1,061	1,102
Sound pressure level	Cooling	Nom.			dBA	57	61		62	63	64	63	64	65	66
Piping connections	Liquid	OD			mm	9.52	12.7		15.9				19.1		
	Gas	OD			mm	22.2	25.4	28.6					34.9		
	Total piping length	System	Actual		m	300									
	Discharge gas	OD			mm	19.1		22.2			25.4			28.6	
Current - 50Hz	Maximum fuse amps (MFA)				A	30	40	50	60		70	80		90	

Outdoor unit module				RQEQ	140P3	180P3	212P3
Dimensions	Unit	Height/Width/Depth		mm	1,680/635/765		
Weight	Unit			kg	175		179
Fan	Air flow rate	Cooling	Nom.	m^3/min	95	110	
	Type				Propeller fan		
Sound power level	Cooling	Nom.		dBA	-		
Sound pressure level	Cooling	Nom.		dBA	54	58	60
Operation range	Cooling	Min.~Max.		°CDB	-5~43		
	Heating	Min.~Max.		°CWB	-20~15.5		
Refrigerant	Type				R-410A		
	GWP				2,087.5		
	Charge			TCO_2eq	21.5	22.1	23.4
				kg	10.3	10.6	11.2
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	15	20	22.5

Replacement VRV

RXYQQ8-12T

Outdoor unit				RXYQQ-T	RQYQ140P	8T	10T	12T	14T	16T	18T	20T
System	Outdoor unit module 1				RQYQ140P	-						
Capacity range				HP	5	8	10	12	14	16	18	20
Cooling capacity	Nom.	35°CDB		kW	14.0	22.4	28.0	33.5	40.0	45.0	50.4	56.0
Heating capacity	Nom.	6°CWB		kW	16.0	22.4	28.0	33.5	40.00	45.0	50.4	56.0
	Max.	6°CWB		kW	-	25.00	31.50	37.50	45.00	50.00	56.50	63.00
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	3.36	5.21	7.29	8.98	11.0	13.0	15.0	18.5
	Heating	Nom.	6°CWB	kW	3.91	4.75	6.29	7.77	9.52	11.1	12.6	14.50
		Max.	6°CWB	kW	-	5.5	7.38	9.1	11.2	12.8	14.6	17.0
EER at nom. capacity	35°CDB			kW/kW	4.17	4.30	3.84	3.73	3.64	3.46	3.36	3.03
COP at nom. capacity	6°CWB			kW/kW	-	4.72	4.45	4.31	4.20	4.05	4.00	3.86
COP at max. capacity	6°CWB			kW/kW	4.09	4.54	4.27	4.12	4.02	3.91	3.87	3.71
ESEER - Automatic					-	7.53	7.20	6.96	6.83	6.50	6.38	5.67
Maximum number of connectable indoor units					10	64						
Indoor index connection	Min.				62.5	100	125	150	175	200	225	250
	Nom.				125	200	250	300	350	400	450	500
	Max.				162.5	260	325	390	455	520	585	650
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x635x765	1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	175	187	194		305		314	
Fan	Air flow rate	Cooling	Nom.	m^3/min	95	162	175	185	223	260	251	261
Sound power level	Cooling	Nom.		dBA	-	78	79	81		86		88
Sound pressure level	Cooling	Nom.		dBA	54.0	58		61		64	65	66
Operation range	Cooling	Min.~Max.		°CDB	-5~43							
	Heating	Min.~Max.		°CWB	-20~15.5							
Refrigerant	Type				R-410A							
	GWP				2,087.5							
	Charge			TCO_2eq	23.2	12.3	12.5	13.2	21.5	21.7	24.4	24.6
				kg	11.1	5.9	6	6.3	10.3	10.4	11.7	11.8
Piping connections	Liquid	OD		mm	9.52			12.7			15.9	
	Gas	OD		mm	15.9	19.1	22.2	28.6				
	Total piping length	System	Actual	m	300							
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	15	20	25	32		40		50

Outdoor unit				RXYQQ-T	22T	24T	26T	28T	30T	32T	34T	36T	38T	40T	42T
System	Outdoor unit module 1				RXYQQ10T	RXYQQ8T	RXYQQ12T			RXYQQ16T			RXYQQ8T	RXYQQ10T	
	Outdoor unit module 2				RXYQQ12T	RXYQQ16T	RXYQQ14T	RXYQQ16T	RXYQQ18T	RXYQQ16T	RXYQQ18T	RXYQQ20T	RXYQQ10T	RXYQQ12T	RXYQQ16T
	Outdoor unit module 3				-								RXYQQ20T	RXYQQ18T	RXYQQ16T
Capacity range				HP	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Nom.	35°CDB		kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0	106.3	111.9	118.0
Heating capacity	Nom.	6°CWB		kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0	106.3	111.9	118.0
	Max.	6°CWB		kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.0	125.5	131.5
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	16.27	18.21	19.98	21.98	24.0	26.0	28.0	31.5	29.2	31.3	33.29
	Heating	Nom.	6°CWB	kW	14.06	15.85	17.29	18.87	20.4	22.2	23.7	25.6	25.1	26.7	33.0
		Max.	6°CWB	kW	16.48	18.30	20.30	21.90	23.7	25.6	27.4	29.8	29.2	31.1	28.5
EER at nom. capacity	35°CDB			kW/kW	3.78	3.70	3.68	3.57	3.5		3.4	3.2	3.6		3.54
COP at nom. capacity	6°CWB			kW/kW	4.37	4.25		4.16	4.10	4.05	4.00	3.95	4.2		4.14
COP at max. capacity	6°CWB			kW/kW	4.19	4.10	4.06	4.00		3.91	3.90	3.79	4.1	4.0	3.99
ESEER - Automatic					7.07	6.81	6.89	6.69	6.60	6.50	6.44	6.02	6.36	6.74	6.65
Maximum number of connectable indoor units					64										
Indoor index connection	Min.				275	300	325	350	375	400	425	450	475	500	525
	Nom.				550	600	650	700	750	800	850	900	950	1,000	1,050
	Max.				715	780	845	910	975	1,040	1,105	1,170	1,235	1,300	1,365
Piping connections	Liquid	OD		mm	15.9		19.1								
	Gas	OD		mm	28.6	34.9						41.3			
	Total piping length	System	Actual	m	300										
Current - 50Hz	Maximum fuse amps (MFA)			A	63			80					100		

(1) The STANDARD ESEER value corresponds with normal VRV4 Heat Pump operation, not taking into account advanced energy saving operation functionality (2) The AUTOMATIC SEER value corresponds with normal VRV4 Heat Pump operation, taking into account advanced energy saving operation functionality (variable refrigerant temperature control operation) (3) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%)

NEW
RWEYQ-T(B)9

Water-to-air heat pump

Welcome a new range of features

More flexibility

- Mixed connection of HT hydroboxes and VRV indoor units
- Connects to stylish indoor units such as Daikin Emura, Nexura, … (no mixed connection with other indoors possible)
- Extension of the range: 8-10-12-14HP, combinable up to 42HP while keeping the most compact casing in the market
- Extended piping length up 165m (actual)
- Extended indoor unit height difference to 30m

Easier commissioning & customisation

- 7 segment display
- 2 analogue input signals allowing external control of
  - ON-OFF (e.g. compressor)
  - Operation mode (cooling / heating)
  - Limit of capacity
  - Error signal

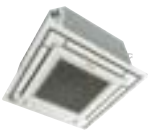
Most compact casing in the market!

8 to 20 HP | 22 to 36 HP | 38 to 42 HP

Total solution

NEW Daikin Emura wall mounted unit

NEW Nexura Floor standing unit



Fully flat cassette

Biddle air curtain

NEW Air handling unit for ventilation

NEW Low temperature hydrobox

NEW High temperature hydrobox

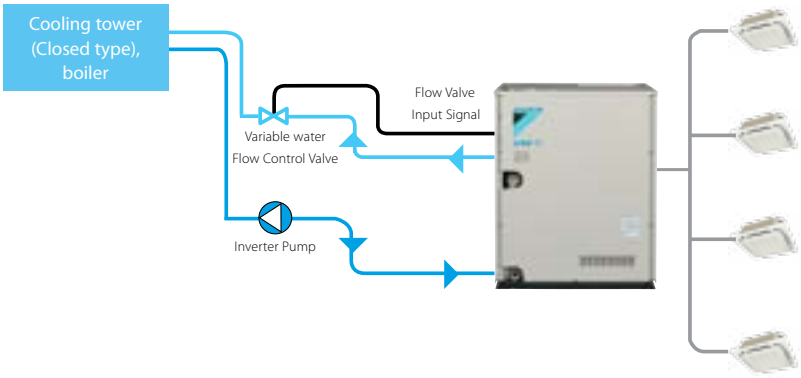
With all existing standard functions

Indoor installation makes unit invisible from the outside

- Seamless integration in the surrounding architecture as you cannot see the unit
- Highly suited for sound sensitive areas as there is no external operation sound
- Very flexible indoor installation as there is no heat dissipation
- Superior efficiency, even in the most extreme outside conditions, especially in geothermal operation

Variable water flow control

- The variable water flow control option reduces excessive energy use by the circulation pump.
- By controlling a variable water valve, the water flow is reduced when possible, saving energy.
- Via 0~10 volt



Lower refrigerant concentration levels

Water-cooled VRV systems typically have less refrigerant per system making it ideal to comply with the EN378 legislation limiting the amount of refrigerant in hospitals and hotels.

The refrigerant levels remain limited thanks to:
- limited distance between outdoor and indoor unit
- modularity: enabling small systems per floor instead of one big system. Thanks to the water circuit heat recovery is still possible in the entire building

Maximum design flexibility and installation speed

- Quickly and flexibly design your system with a unique range of single and multi BS boxes.
- A wide variety of compact and lightweight multi BS boxes greatly reduces installation time.
- Free combination of single and multi BS boxes

Single port

BS1Q 10,16,25A

Multi port: 4 – 6 – 8 – 10 – 12 – 16

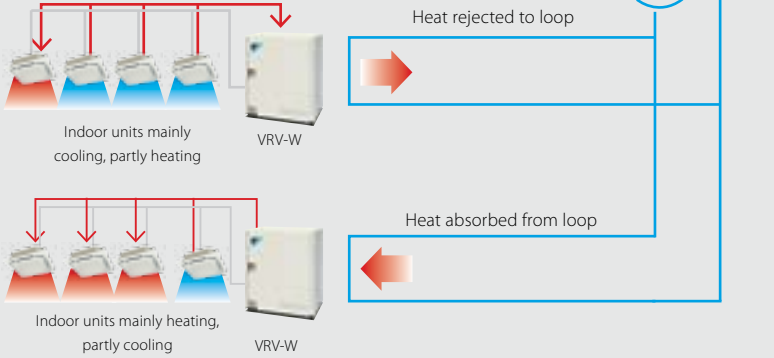
BS 4 Q14 A

BS 6, 8 Q14 A

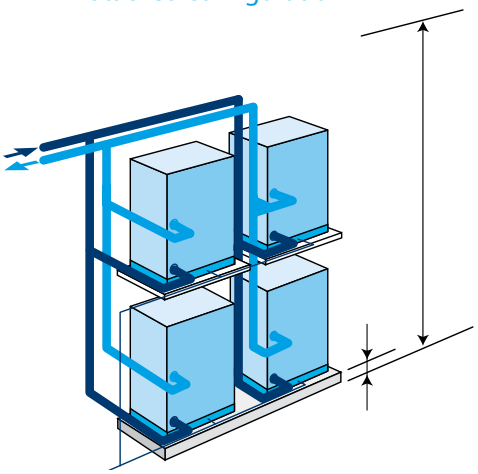
BS 10, 12 Q14 A

BS 16 Q14 A

2-stage heat recovery



Stacked configuration

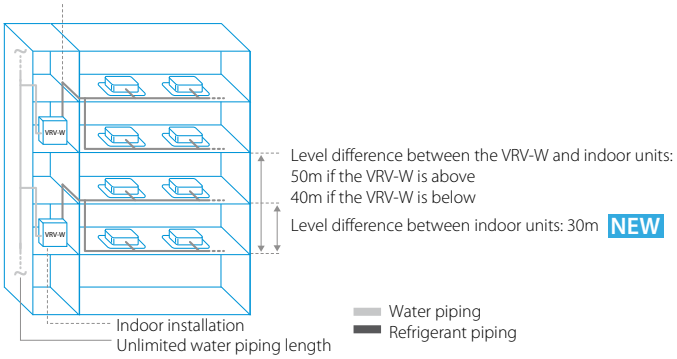


VRV IV water cooled series

AVAILABLE FROM MID 2017 ONWARDS

Ideal for high rise buildings, using water as heat source

- Unified range for standard and geothermal series simplifies stock. Geothermal series reduce CO2 emmisions thanks to the use of geothermal energy as a renewable energy source
- No need for an external heating or cooling source when used in geothermal mode
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units, Biddle air curtains and hot water
- Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Nexura, ...
- Compact & lightweight design can be stacked for maximum space saving
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors
- 2-stage heat recovery: first stage between indoor units, second stage between outdoor units thanks to the storage of energy in the water circuit
- Available in heat pump and heat recovery version
- Variable Water Flow control option increases flexibility and control
- 2 analogue input signals allowing external control
- Contains all standard VRV features



NEW Extended piping length between indoor and outdoor units up to 165m (actual)

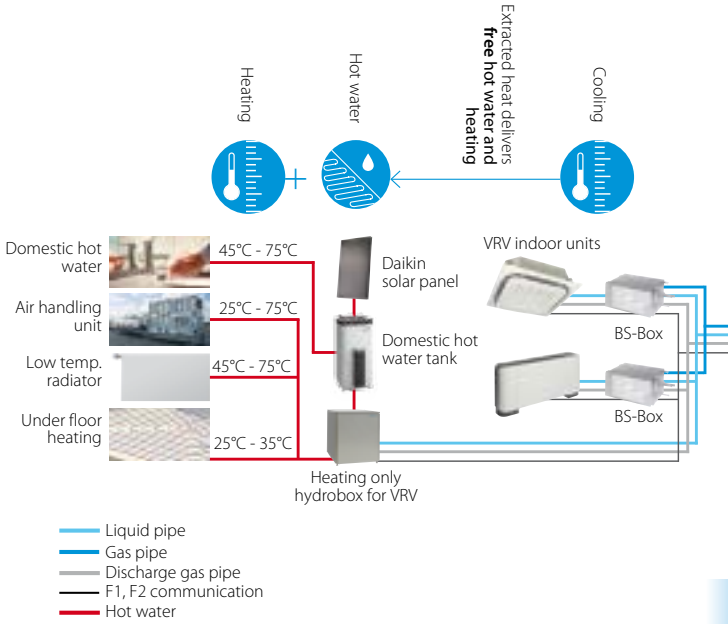
Outdoor unit				RWEYQ	8T(B)9	10T(B)9	12T(B)9	14T(B)9
Cooling capacity	Nom.	35°CDB		kW	22.4	28.0	33.5	40.0
Heating capacity	Nom.	6°CWB		kW	25.0	31.5	37.5	45.0
EER at nom. capacity	35°CDB			kW/kW	6.40	5.75	5.55	5.04
COP at nom. capacity	6°CWB			kW/kW	6.50	6.40	6.10	5.37
Indoor index connection		Min.			100	125	150	275
		Nom.			200	250	300	350
		Max.			300	375	450	525
Dimensions	Unit	HeightxWidthxDepth		mm	1,000 x 780 x 550			
Weight	Unit			kg	185			
Sound power level	Cooling	Nom.		dBA	-			
Sound pressure level	Cooling	Nom.		dBA	-			
Operation range	Inlet water temperature		Min.~Max.	°C	10 ~ 45			
Piping connections	Liquid	OD		mm	9.52		12.7	
	Gas	OD		mm	19.1	22.2	28.6	
	Discharge gas	OD		mm	15.9 (1) / 19.1 (2)	19.1 (1) / 22.2 (2)	19.1 (1) / 28.6 (2)	22.2 (1) / 28.6 (2)
Piping connections	Total piping length	System	Actual	m	300			
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415			

Outdoor system			RWEYQ	16T(B)9	18T(B)9	20T(B)9	22T(B)9	24T(B)9	26T(B)9	28T(B)9
System	Outdoor unit module 1			RWEYQ8T(B)9	RWEYQ8T(B)9	RWEYQ8T(B)9	RWEYQ10T(B)9	RWEYQ12T(B)9	RWEYQ12T(B)9	RWEYQ14T(B)9
	Outdoor unit module 2			RWEYQ8T(B)9	RWEYQ10T(B)9	RWEYQ12T(B)9	RWEYQ12T(B)9	RWEYQ12T(B)9	RWEYQ14T(B)9	RWEYQ14T(B)9
Capacity range			HP	16	18	20	22	24	26	28
Cooling capacity		35°CDB	kW	44.8	50.4	55.9	61.5	67	73.5	80
EER at nom. Capacity		35°CDB	kW	6.4	6.08	5.98	5.65	5.55	5.30	5.04
Heating capacity		6°CWB	kW	50	56.5	62.5	69	75	82.5	90
COP at nom. Capacity		6°CWB	kW	6.5	6.45	6.3	6.25	6.1	5.735	5.37

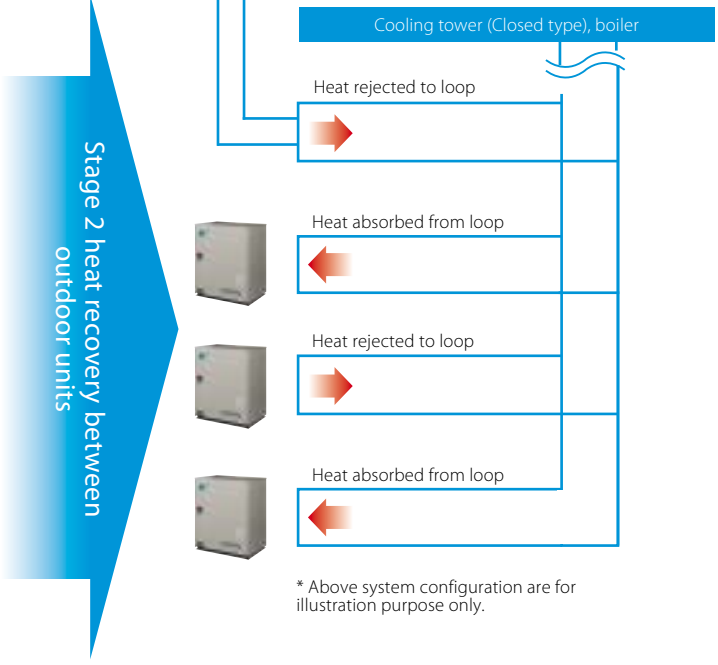
*Note: blue cells contain preliminary data

(1) in case of heat recovery
(2) in case of heat pump

Stage 1 heat recovery between indoor units



Stage 2 heat recovery between outdoor units



* Above system configuration are for illustration purpose only.

Outdoor system			RWEYQ	30T(B)9	32T(B)9	34T(B)9	36T(B)9	38T(B)9	40T(B)9	42T(B)9
System	Outdoor unit module 1			RWEYQ8T(B)9	RWEYQ8T(B)9	RWEYQ8T(B)9	RWEYQ12T(B)9	RWEYQ12T(B)9	RWEYQ12T(B)9	RWEYQ14T(B)9
	Outdoor unit module 2			RWEYQ10T(B)9	RWEYQ12T(B)9	RWEYQ12T(B)9	RWEYQ12T(B)9	RWEYQ12T(B)9	RWEYQ14T(B)9	RWEYQ14T(B)9
	Outdoor unit module 3			RWEYQ12T(B)9	RWEYQ12T(B)9	RWEYQ14T(B)9	RWEYQ12T(B)9	RWEYQ14T(B)9	RWEYQ14T(B)9	RWEYQ14T(B)9
Capacity range			HP	30	32	34	36	38	40	42
Cooling capacity		35°CDB	kW	83.9	89.4	95.9	100.5	107	113.5	120
EER at nom. Capacity		35°CDB	kW	5.9	5.83	5.66	5.55	5.38	5.21	5.04
Heating capacity		6°CWB	kW	94	100	107.5	112.5	120	127.5	135
COP at nom. Capacity		6°CWB	kW	6.33	6.23	5.99	6.1	5.85	5.61	5.37

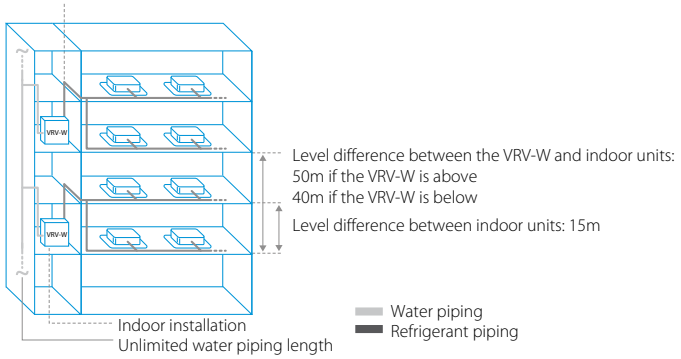
*Note: blue cells contain preliminary data

VRV IV water cooled series

Ideal for high rise buildings, using water as heat source

- Unified range for standard and geothermal series simplifies stock. Geothermal series reduce CO2 emmisions thanks to the use of geothermal energy as a renewable energy source
- No need for an external heating or cooling source when used in geothermal mode
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air cutains
- Compact & lightweight design can be stacked for maximum space saving
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors
- 2-stage heat recovery: first stage between indoor units, second stage between outdoor units thanks to the storage of energy in the water circuit
- Available in heat pump and heat recovery version
- Variable Water Flow control option increases flexibility and control
- Contains all standard VRV features

RWEYQ8-10T8



Outdoor unit					RWEYQ	8T8	10T8	16T8	18T8	20T8	24T8	26T8	28T8	30T8
System	Outdoor unit module 1					RWEYQ8T	RWEYQ10T	RWEYQ8T		RWEYQ10T	RWEYQ8T			RWEYQ10T
	Outdoor unit module 2					-		RWEYQ8T	RWEYQ10T		RWEYQ8T		RWEYQ10T	
	Outdoor unit module 3							-			RWEYQ8T	RWEYQ10T		
Capacity range					HP	8	10	16	18	20	24	26	28	30
Cooling capacity	Nom.	35°CDB			kW	22.4 (1) / 22.4 (2)	28.0 (1) / 27.5 (2)	44.8 (1) / 44.8 (2)	50.4 (1) / 49.9 (2)	56.0 (1) / 55.0 (2)	67.2 (1) / 67.2 (2)	72.8 (1) / 72.3 (2)	78.4 (1) / 77.4 (2)	84.0 (1) / 82.5 (2)
Heating capacity	Nom.	6°CWB			kW	25.0 (3) / 25.0 (4)	31.5 (3) / 31.5 (4)	50.0 (3) / 50.0 (4)	56.5 (3) / 56.5 (4)	63.0 (3) / 63.0 (4)	75.0 (3) / 75.0 (4)	81.5 (3) / 81.5 (4)	88.0 (3) / 88.0 (4)	94.5 (3) / 94.5 (4)
Power input - 50Hz	Cooling	Nom.	35°CDB		kW	4.42 (1) / 4.45 (2)	6.14 (1) / 6.35 (2)	8.8 (1) / 8.9 (2)	10.6 (1) / 10.8 (2)	12.3 (1) / 12.7 (2)	13.3 (1) / 13.4 (2)	15.0 (1) / 15.3 (2)	16.7 (1) / 17.2 (2)	18.4 (1) / 19.1 (2)
	Heating	Nom.	6°CWB		kW	4.21 (3) / 4.30 (4)	6.00 (3) / 6.20 (4)	8.4 (3) / 8.6 (4)	10.2 (3) / 10.5 (4)	12.0 (3) / 12.4 (4)	12.6 (3) / 12.9 (4)	14.4 (3) / 14.8 (4)	16.2 (3) / 16.7 (4)	18.0 (3) / 18.6 (4)
EER at nom. capacity	35°CDB				kW/kW	5.07 (1)	4.56 (1) / 4.33 (2)	5.07 (1) / 5.03 (2)	4.77 (1) / 4.62 (2)	4.56 (1) / 4.33 (2)	5.07 (1) / 5.03 (2)	4.86 (1) / 4.74 (2)	4.69 (1) / 4.51 (2)	4.56 (1) / 4.33 (2)
COP at max. capacity	6°CWB				kW/kW	5.94 (3) / 5.81 (4)	5.25 (3) / 5.08 (4)	5.94 (3) / 5.81 (4)	5.53 (3) / 5.38 (4)	5.25 (3) / 5.08 (4)	5.94 (3) / 5.81 (4)	5.65 (3) / 5.51 (4)	5.43 (3) / 5.27 (4)	5.25 (3) / 5.08 (4)
Maximum number of connectable indoor units						36 (5)								
Indoor index connection	Min.					100	125	200	225	250	300	325	350	375
	Nom.					200	250	400	450	500	600	650	700	750
	Max.					260	325	520	585	650	780	845	910	975
Dimensions	Unit	HeightxWidthxDepth			mm	1,000x780x550		-			-			
Weight	Unit				kg	137		-			-			
Fan	Air flow rate	Cooling	Nom.		m^3/min	-								
Sound pressure level	Cooling	Nom.			dBA	50	51	53	54		55			56
Operation range	Inlet water temperature	Cooling	Min.~Max.		°CDB	10~45		-			-			
		Heating	Min.~Max.		°CWB	-10 / 10.0~45		-			-			
Refrigerant	Type					R-410A		-			-			
	GWP					2,087.5		-			-			
	Charge				TCO_2eq	7.3	8.8	-			-			
					kg	3.5	4.2	-			-			
Piping connections	Liquid	OD			mm	9.52		12.7	15.9		19.1			
	Gas	OD			mm	19.10 (6)	22.2 (6)	28.6			34.9			
	Total piping length	System	Actual		m	300		300						
	Discharge gas	OD			mm	15.9 (7) / 19.10 (8)	19.1 (7) / 22.10 (8)	22.2 (6) / 28.60 (7)			28.6 (6) / 34.90 (7)			
Power supply	Phase/Frequency/Voltage				Hz/V	3N~/50/380-415		-			-			
Current - 50Hz	Maximum fuse amps (MFA)				A	20		32			50			

(1) Cooling: Indoor temp. 27°CDB; 19°CWB; inlet water temp.: 30°C; equivalent refrigerant piping: 7,5m; level difference: 0m. Rated values are with 100% water (no glycol) (2) Cooling: Indoor temp. 27°CDB; 19°CWB; inlet water temp.: 30°C; equivalent refrigerant piping: 7,5m; level difference: 0m. Rated values are with 30% glycol. (3) Heating: Indoor temp. 20°CDB; inlet water temp.: 20°C; equivalent refrigerant piping: 7,5m; level difference: 0m. Rated values are with 100% water (no glycol). (4) Heating: Indoor temp. 20°CDB; inlet water temp.: 20°C; equivalent refrigerant piping: 7,5m; level difference: 0m. Rated values are with 30% glycol. (5) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) (6) In case of heat pump system, gas pipe is not used (7) In case of heat recovery system (8) In case of heat pump system

BS1Q-A

Individual branch selector for VRV IV heat recovery

- Unique range of single and multi BS boxes for flexible and fast design
- Compact & light to install
- Ideal for remote rooms as no drain piping is needed
- Allows integration of server rooms into the heat recovery solution thanks to technical cooling function
- Connect up to 250 class unit (28kW)
- **UNIQUE** Faster installation thanks to open port connection
- Allows multi tenant applications
- Connectable to REYQ-T, RQCEQ-P3 and RWEYQ-T8 heat recovery units

BS1Q-A

Indoor unit				BS	1Q10A	1Q16A	1Q25A
Power input	Cooling	Nom.		kW	0.005		
	Heating	Nom.		kW	0.005		
Maximum number of connectable indoor units					6	8	
Maximum capacity index of connectable indoor units					15 < x ≤ 100	100<x≤160	160<x≤250
Dimensions	Unit	HeightxWidthxDepth		mm	207x388x326		
Weight	Unit			kg	12		15
Casing	Material				Galvanised steel plate		
Piping connections	Outdoor unit	Liquid	OD	mm	9.5		
		Gas	OD	mm	15.9		22.2
		Discharge gas	OD	mm	12.7		19.1
	Indoor unit	Liquid	OD	mm	9.5		
		Gas	OD	mm	15.9		22.2
Sound absorbing thermal insulation					Foamed polyurethane Flame-resistant needle felt		
Power supply	Phase				1~		
	Frequency			Hz	50		
	Voltage			V	220-240		
	Maximum fuse amps (MFA)			A	15		

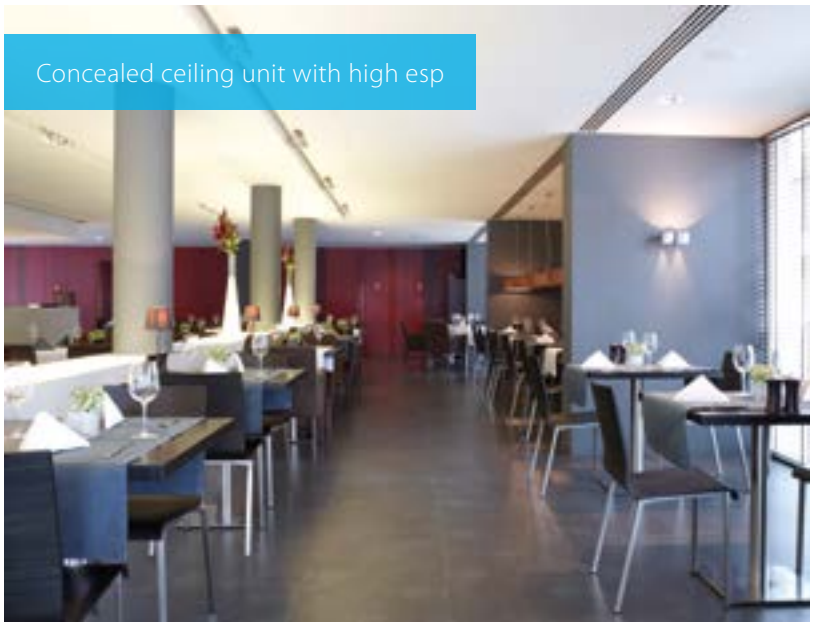
BS-Q14AV1

Multi branch selector for VRV IV heat recovery

- Unique range of single and multi BS boxes for flexible and fast design
- Major reduction in installation time thanks to wide range, compact size and light weight multi BS boxes
- Up to 70% smaller and 66% lighter than previous series
- Faster installation thanks to a reduced number of brazing points and wiring
- All indoor units connectable to one BS box
- Less inspection ports needed compared to installing single BS boxes
- Up to 16kW capacity available per port
- Connect up to 250 class unit (28kW) by combining 2 ports
- No limit on unused ports allowing phased installation
- **UNIQUE** Faster installation thanks to open port connection
- **UNIQUE** Refrigerant filters for high reliability
- Allows multi tenant applications
- Connectable to REYQ-T, RQCEQ-P3 and RWEYQ-T8 heat recovery units

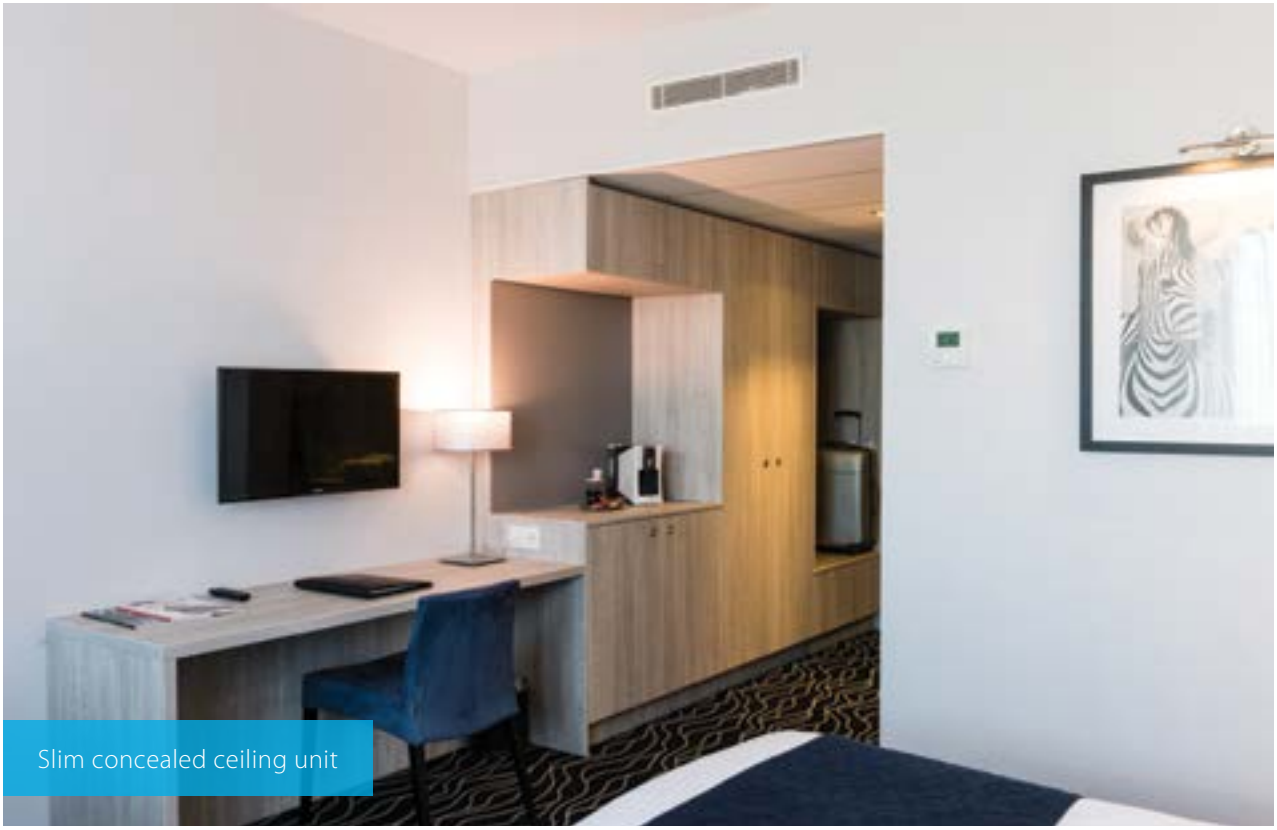
BS6,8Q14AV1

Indoor unit				BS	4Q14AV1	6Q14AV1	8Q14AV1	10Q14AV1	12Q14AV1	16Q14AV1
Power input	Cooling	Nom.		kW	0.043	0.064	0.086	0.107	0.129	0.172
	Heating	Nom.		kW	0.043	0.064	0.086	0.107	0.129	0.172
Maximum number of connectable indoor units					20	30	40	50	60	64
Maximum number of connectable indoor units per branch					5					
Number of branches					4	6	8	10	12	16
Maximum capacity index of connectable indoor units					400	600	750			
Maximum capacity index of connectable indoor units per branch					140					
Dimensions	Unit	HeightxWidthxDepth		mm	298x370x430	298x580x430		298x820x430		298x1,060x430
Weight	Unit			kg	17	24	26	35	38	50
Casing	Material				Galvanised steel plate					
Piping connections	Outdoor unit	Liquid	OD	mm	9.5	12.7	12.7 / 15.9	15.9	15.9 / 19.1	19.1
		Gas	OD	mm	22.2 / 19.1	28.6 / 22.2	28.6	28.6 / 34.9		34.9
		Discharge gas	OD	mm	19.1 / 15.9	19.1 / 22.2	19.1 / 22.2 / 28.6	28.6		
	Indoor unit	Liquid	OD	mm	9.5 / 6.4					
		Gas	OD	mm	15.9 / 12.7					
	Drain				VP20 (I.D. 20/O.D. 26)					
Sound absorbing thermal insulation					Urethane foam, polyethylene foam					
Power supply	Phase				1~					
	Frequency			Hz	50					
	Voltage			V	220-440					
	Maximum fuse amps (MFA)			A	15					



Concealed ceiling unit with high esp

Round flow cassette



Slim concealed ceiling unit

Concealed floor standing unit

Hot water production

Fully flat cassette

Products overview VRV

Capacity class (kW)

Type	Model		Product name		15	20	25	32	40	50	63	71	80	100	125	140	200	250
Ceiling mounted cassette	UNIQUE Round flow cassette	360° air discharge for optimum efficiency and comfort › Auto cleaning function ensures high efficiency › Intelligent sensors save energy and maximize comfort › Flexibility to suit every room layout › Lowest installation height in the market!	FXFQ-A			●	●	●	●	●	●		●	●	●			
	UNIQUE Fully flat cassette	Unique design that integrates fully flat into the ceiling › Perfect integration in standard architectural ceiling tiles › Blend of iconic design and engineering excellence › Intelligent sensors save energy and maximize comfort › Small capacity unit developed for small or well-insulated rooms › Flexibility to suit every room layout	FXZQ-A		●	●	●	●	●	●								
	2-way blow ceiling mounted cassette	Thin, lightweight design installs easily in narrow ceiling spaces › Depth of all units is 620mm, ideal for narrow ceiling spaces › Flexibility to suit every room layout › Reduced energy consumption thanks to DC fan motor › The flaps close entirely when the unit is not operating › Optimum comfort with automatic air flow adjustment to the required load	FXCQ-A			●	●	●	●	●	●		●		●			
	Ceiling mounted corner cassette	1-way blow unit for corner installation › Compact dimensions enable installation in narrow ceiling voids › Flexible installation thanks to different air discharge options	FXKQ-MA				●	●	●		●							
Concealed ceiling	Small concealed ceiling unit	Designed for hotel rooms › Compact dimensions enable installation in narrow ceiling voids › Discretely concealed in the ceiling: only the grilles are visible › Flexible installation as the air suction direction can be altered from rear to bottom suction	FXDQ-M9			●	●											
	Slim concealed ceiling unit	Slim design for flexible installation › Compact dimensions enable installation in narrow ceiling voids › Medium external static pressure up to 44Pa › Only grilles are visible › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor	FXDQ-A3		●	●	●	●	●	●	●				NEW Auto cleaning filter option			
	Concealed ceiling unit with medium ESP	Slimmest yet most powerfull medium static pressure unit on the market! › Slimmest unit in class, only 245mm › Low operating sound level › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths › Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	FXSQ-A		●	●	●	●	●	●	●		●	●	●	●		
	Concealed ceiling unit with high ESP	ESP up to 200, ideal for large sized spaces › Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment › Reduced energy consumption thanks to DC fan motor › Flexible installation as the air suction direction can be altered from rear to bottom suction	FXMQ-P7							●	●		●	●	●			
	Concealed ceiling unit with high ESP	ESP up to 270, ideal for extra large sized spaces › Only grilles are visible › Large capacity unit: up to 31.5 kW heating capacity	FXMQ-MB														●	●
	Concealed ceiling unit with high efficiency	For the highest energy efficiency › Automatic air flow adjustment function guarantees comfort › Easy installation in narrow ceilings (245mm height) › High external static pressure up to 270Pa facilitates using flexible ducts of varying lengths › Only the suction and discharge grilles are visible	FXTQ-A							●	●		●	●				
Wall mounted	Wall mounted unit	For rooms with no false ceilings nor free floor space › Flat, stylish front panel is more easy to clean › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor › The air is comfortably spread up- and downwards thanks to 5 different discharge angles	FXAQ-P		●	●	●	●	●	●	●							
Ceiling suspended	Ceiling suspended unit	For wide rooms with no false ceilings nor free floor space › Ideal for comfortable air flow in wide rooms thanks to Coanda effect › Rooms with ceilings up to 3.8m can be heated or cooled very easily! › Can easily be installed in both new and refurbishment projects › Can even be mounted in corners or narrow spaces without any problem › Reduced energy consumption thanks to DC fan motor	FXHQ-A					●			●			●				
	UNIQUE 4-way blow ceiling suspended unit	Unique Daikin unit for high rooms with no false ceilings nor free floor space › Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! › Can easily be installed in both new and refurbishment projects › Flexibility to suit every room layout › Reduced energy consumption thanks to DC fan motor	FXUQ-A										●		●			
Floor standing	Floor standing unit	For perimeter zone air conditioning › Can be installed in front of glass walls or free standing as both the front and the back are finished › Ideal for installation beneath a window › Requires very little installation space › Wall mounted installation facilitates cleaning beneath the unit	FXLQ-P			●	●	●	●	●	●							
	Concealed floor standing unit	Ideal for installation in offices, hotels and residential applications › Discretely concealed in the wall, leaving only the suction and discharge grilles visible › Can even be installed underneath a window › Requires very little installation space as the depth is only 200mm › High ESP allows flexible installation	FXNQ-A			●	●	●	●	●	●							
Cooling capacity (kW)[1]					1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0
Heating capacity (kW)[2]					1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5

(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m

(2) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m

Stylish indoor units overview

Depending on the application, Split and Sky Air indoor units can be connected to our VRV IV and VRV IV S-series outdoor units. Refer to the **outdoor unit portfolio** for combination restrictions.

Type	Model	Product name		Capacity class (kW) 15	20	25	35	42	50	60	71	Connectable outdoor unit: RYYQ-T	RXYQ-T(9)	RXYSCQ-TV1[3] RXYSQ-TV1[3] RXYSQ-TY1[3]	RWEYQ-T9(B)[3]
Ceiling mounted cassette	Round flow cassette (incl. auto-cleaning function[1])	FCQG-F					●		●	●				✓	✓
	Fully flat cassette	FFQ-C				●	●		●	●				✓	✓
Concealed ceiling	Small concealed ceiling unit	FDBQ-B				●								✓	✓
	Slim concealed ceiling unit	FDXM-F3				●	●		●	●	NEW Auto cleaning filter option			✓	✓
	Concealed ceiling unit with inverter-driven fan	FBQ-D					●		●	●				✓	✓
Wall mounted	Daikin Emura Wall mounted unit	FTXG-LW/LS			●	●	●		●			✓	✓	✓	✓
	Wall mounted unit	CTXS-K FTXS-K		●	●	●	●	●	●			✓	✓	✓	✓
	Wall mounted unit	FTXS-G								●	●	✓	✓	✓	✓
Ceiling suspended	Ceiling suspended unit	FHQ-CB					●		●	●				✓	✓
Floor standing	Nexura floor standing unit	FVXG-K				●	●		●			✓	✓	✓	✓
	Floor standing unit	FVXS-F				●	●		●			✓	✓	✓	✓
	Flexi type unit	FLXS-B(9)				●	●		●	●		✓	✓	✓	✓

[1] Decoration panel BYCQ140DG or BYCQ140DGF + BRC1E53A/B/C needed

[2] To connect stylish indoor units a BPMKS unit is needed

[3] A mix of RA indoor units and VRV indoor units is not allowed.

Hydrobox range

Type	Product name		Model	Capacity class (kW) 80	125	200	Leaving water temperature range
Low temperature hydrobox	HXY-A8		For high efficiency space heating and cooling › Ideal for hot or cold water in underfloor, air handling units, low temperature radiators … › Hot/cold water from 5° to 45°C › Large operation range (down to -20°C and up to 43°C) › Fully integrated water-side components save time on system design › Space saving contemporary wall hung design	●	●		5 °C - 45 °C
High temperature hydrobox	HXHD-A8		For efficient hot water production and space heating › Ideal for hot water in bathrooms, sinks and for underfloor heating, radiators, air handling units, … › Hot water from 25 to 80°C › "Free" heating and hot water through heat recovery › Uses heat pump technology to produce hot water efficiently, providing up to 17% savings compared to a gas boiler › Possibility to connect thermal solar collectors		●	● NEW	25 °C - 80 °C

Benefits overview VRV

We care		Inverter technology	In combination with inverter controlled outdoor units
		Home leave operation	During absence, indoor comfort levels can be maintained
		Fan only	The air conditioner can be used as fan, blowing air without cooling or heating
		Auto cleaning filter	The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance
		Floor and presence sensor	The presence sensor directs the air away from any person detected in the room. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor
Comfort		Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired
		Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neightbourhood
		Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature
Air treatment		Air filter	Removes airborne dust particles to ensure a steady supply of clean air
Humidity control		Dry programme	Allows humidity levels to be reduced without variations in room temperature
Air flow		Ceiling soiling prevention	The air discharge of the indoor unit is specially designed to prevent air being blown against the ceiling to prevent ceiling stains
		Vertical auto swing	Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution
		Fan speed steps	Multiple fan speeds to select,to optimize comfort levels
		Individual flap control	Individual flap control via the wired remote controller makes it simple to fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well
Remote control & timer		Weekly timer	Timer can be set to start and stop operation anytime on a daily or weekly basis
		Infrared remote control	Infrared remote control with LCD to remotely control your indoor unit
		Wired remote control	Wired remote control to remotely control your indoor unit
		Centralised control	Centralised control to to control several indoor units from one single point
		Multi zoning NEW	Allows up to 6 individual climate zones with one indoor unit
Other funtcions		Auto-restart	The unit restarts automatically at the original settings after power failure
		Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies
		Drain pump kit	Facilitates condensation draining from the indoor unit
		Multi tenant	The indoor unit's main power supply can be turned off when leaving the building or for servicing purposes

Ceiling mounted cassette units				Concealed ceiling units						Wall mounted unit	Ceiling suspended units		Floor standing units	
FXFQ-A	**FXZQ-A**	**FXCQ-A**	**FXKQ-MA**	**FXDQ-M9**	**FXDQ-A3**	**FXSQ-A**	**FXMQ-P7**	**FXMQ-MB**	**FXTQ-A**	**FXAQ-P**	**FXHQ-A**	**FXUQ-A**	**FXNQ-A**	**FXLQ-P**
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
●					● NEW									
●	●													
●	●		●									●		
●	●	●			●	●		●	●					
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
G1 F8 (optional)	G1	●	G1	●	●	G1 F8 (optional)	●	G1 F8 (optional)	●	●	G1	G1	G1	G1
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●											
●	●	●	●							●		●		
3	3	3	2	2	3	3	3	2	3 (50~63) 2 (80~100)	2	3	3	2	2
●	●											●		
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					● NEW	● NEW								
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Standard	Standard	Standard	Standard		Standard	Standard	Standard	Optional	Standard (50~63) Optional (80~100)	Optional	Optional	Standard		
●	●	(●)	(●)	●	●	●	●	(●)	●	●	(●)	(●)	●	●

FCQG-F/FCQHG-F/FXFQ-A

Auto cleaning cassette

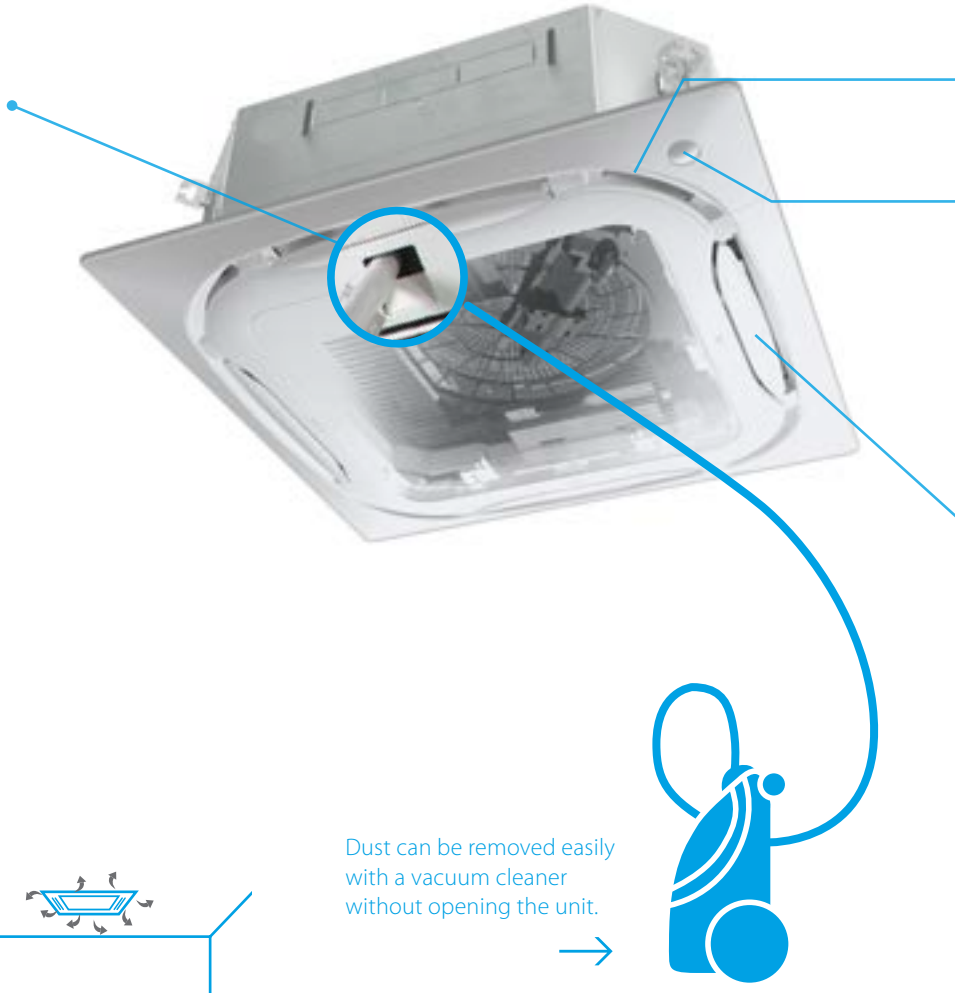
More energy efficient and user-friendly than any other cassette

› Running costs are reduced by 50% compared with standard solutions
› Automatic filter cleaning.
› Less time is required to maintain the filter: dust can be removed easily with a vacuum cleaner without opening the unit.

Finer mesh panel

› For dust prone areas (i.e. clothing and book shops) a finer mesh panel (BYCQ140DGF) ensures consistent performance and optimum air distribution
› Clean ceilings ensured thanks to fine mesh and clean filter

BYCQ140DG	BYCQ140DGF
Auto-cleaning panel	auto-cleaning panel with fine mesh filter
White with grey louvers	White with grey louvers



Dust can be removed easily with a vacuum cleaner without opening the unit.

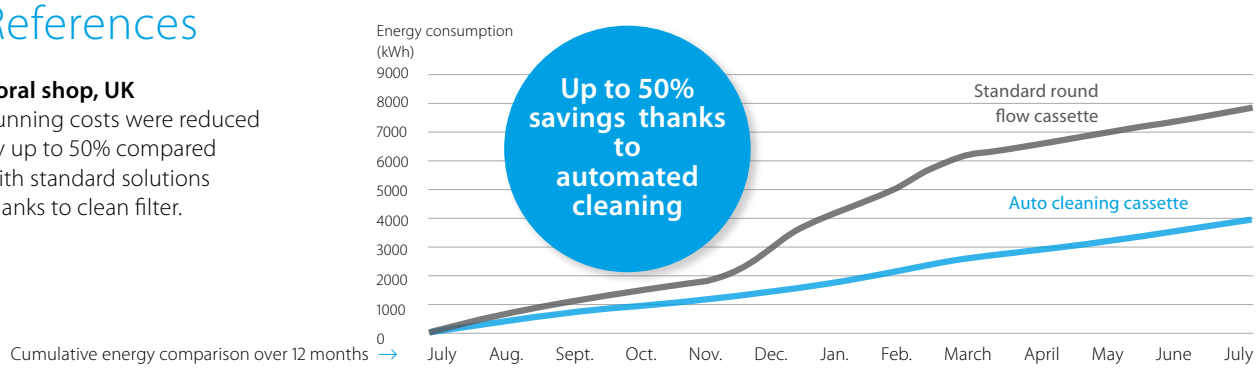
Auto-cleaning cassette for maintaining the optimum store atmosphere

Air distribution with a clean filter

Air distribution with a dusty filter

References

Coral shop, UK
Running costs were reduced by up to 50% compared with standard solutions thanks to clean filter.



Why choose a round flow cassette?

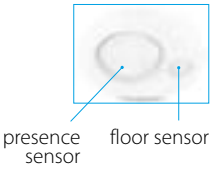
- 360° air discharge for optimum comfort
- Intelligent sensors for maximum efficiency

360° air discharge for improved comfort

› Industry-first and proven design.

Intelligent sensors improve efficiency and comfort even more

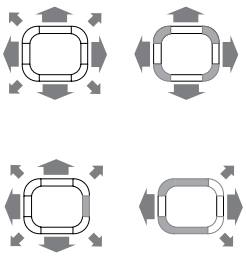
› The presence sensor adjusts the set point if no one is detected in the room leading to up to 27% savings. It also automatically directs air flow away from any person to avoid draught.

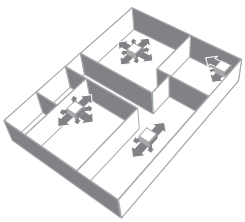


› The infrared floor sensor detects the average floor temperature and ensures even temperature distribution between ceiling and floor to prevent cold feet.

Flexible installation

› Flaps can be individually controlled or closed using the wired remote control, to suit room configuration. Optional closure kits are also available.





Benefits for the installer

› Product with unique functions in this market.
› Less time needed for onsite maintenance.
› Use the controller to individually open or close any of the four flaps to easily adapt to a changing room layout.
› Easy set-up of the sensor option to improve comfort and save energy.

Benefits for the consultant

› Product with unique functions in this market.
› Designed for use in all types and sizes of commercial offices and retail environments.
› Ideal product for improving BREEAM score/EPBD in combination with Sky Air Seasonal Smart or VRV IV heat pump units.

Benefits for the end user

› Designed for use in all types and sizes of commercial offices and retail environments.
› Perfect environment conditions: no more draughts or cold feet.
› Save up to 50% on running costs with the auto-cleaning panel, which also facilitates maintenance.
› Your customers can save up to 27% on their energy bills thanks to the sensor option.
› Flexible use of space thanks to individual flap control.

Marketing tools

› Visit the website: www.daikineurope.com/minisite/round-flow-cassette/

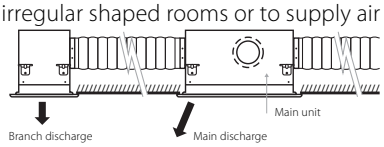
www.youtube.com/DaikinEurope

AUTO CLEANING PANEL WITH FINE MESH FILTER, IDEAL FOR CLOTHING SHOPS

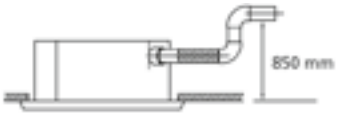
Round flow cassette

360° air discharge for optimum efficiency and comfort

- Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- Two optional intelligent sensors improve energy efficiency and comfort.
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Modern style decoration panel is available in 3 different variations: white (RAL9010) with grey louvers, full white (RAL9010) or auto cleaning panel
- Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- Optional fresh air intake
- Lowest installation height in the market: 214mm for class 20-63
- Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms



- Standard drain pump with 675mm lift increases flexibility and installation speed



FXFQ20-63A

BRC1E53A-B-C

BRC7FA532F

Indoor unit				FXFQ	20A	25A	32A	40A	50A	63A	80A	100A	125A
Cooling capacity	Nom.			kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity	Nom.			kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input - 50Hz	Cooling	Nom.		kW	0.038				0.053	0.061	0.092	0.115	0.186
	Heating	Nom.		kW	0.038				0.053	0.061	0.092	0.115	0.186
Dimensions	Unit	Height		mm	204						246		288
		Width		mm	840								
		Depth		mm	840								
Weight	Unit			kg	19			20	21		24		26
Casing	Material				Galvanised steel plate								
Decoration panel	Model				BYCQ140D7GFW1 - auto cleaning panel with fine mesh filter								
	Colour				Pure White (RAL 9010)								
	Dimensions	HeightxWidthxDepth		mm	130x950x950								
	Weight			kg	10.3								
Decoration panel 2	Model				BYCQ140D7GW1 - auto cleaning panel								
	Colour				Pure White (RAL 9010)								
	Dimensions	HeightxWidthxDepth		mm	130x950x950								
	Weight			kg	10.3								
Decoration panel 3	Model				BYCQ140D7W1W - full white								
	Colour				Pure White (RAL 9010)								
	Dimensions	HeightxWidthxDepth		mm	50x950x950								
	Weight			kg	5.4								
Decoration panel 4	Model				BYCQ140D7W1 - white with grey louvers								
	Colour				Pure White (RAL 9010)								
	Dimensions	HeightxWidthxDepth		mm	50x950x950								
	Weight			kg	5.4								
Fan-Air flow rate	Cooling	High/Nom./Low		m^3/min	12.5/10.6/8.8			13.6/11.6/9.5	15.0/12.8/10.5	16.5/13.5/10.5	22.8/17.6/12.4	26.5/19.5/12.4	33.0/26.5/19.9
- 50Hz	Heating	High/Nom./Low		m^3/min	12.5/10.6/8.8			13.6/11.6/9.5	15.0/12.8/10.5	16.5/13.5/10.5	22.8/17.6/12.4	26.5/19.5/12.4	33.0/26.5/19.9
Air filter	Type				Resin net with mold resistance								
Sound power level	Cooling	High/Nom.		dBA	49/-			51/-		53/-	55/-	60/-	61/-
Sound pressure	Cooling	High/Nom./Low		dBA	31/29/28			33/31/29		35/33/30	38/34/30	43/37/30	45/41/36
level	Heating	High/Nom./Low		dBA	31/29/28			33/31/29		35/33/30	38/34/30	43/37/30	45/41/36
Refrigerant	Type				R-410A								
	GWP				2,087.5								
Piping connections	Liquid	OD		mm	6.35					9.52			
	Gas	OD		mm	12.7					15.9			
	Drain				VP25 (O.D. 32 / I.D. 25)								
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA)			A	16								
Control systems	Infrared remote control				BRC7FA532F								
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52								
	Simplified wired remote control for hotel applications				BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)								

(1) The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt.
(2) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel.

Fully Flat Cassette

Design & Genius in one

Why choose fully flat cassette

- Unique design in the market that integrates fully flat into the ceiling
- Advanced technology and top efficiency combined
- Most quiet cassette available on the market

FFQ-C / FXZQ-A

Choice between grey or white panel

universal design award 2014

GERMAN DESIGN AWARD SPECIAL 2016

Benefits for the installer

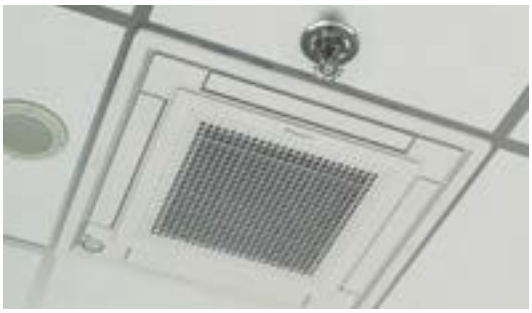
› Unique product in the market!
› Most quiet unit (25dBA)
› The user-friendly remote control, available in several languages, enables the easy set-up of sensor option and control of the individual flap position
› Meeting European design taste.

Benefits for the consultant

› Unique product in the market!
› Blends seamlessly in any modern office interior design
› Ideal product to improve BREEAM score/EPBD in combination with Sky Air Seasonal Smart (FFQ-C) or VRV IV heat pump units (FXZQ-A).

Benefits for the end user

› Engineering excellence and unique design in one
› Most quiet unit (25dBA)
› Perfect working conditions: no more cold draughts
› Save up to 27% on your energy bill thanks to the optional sensors
› Flexible usage of space and suits any room configuration thanks to individual flap control
› User-friendly remote control, available in several languages.



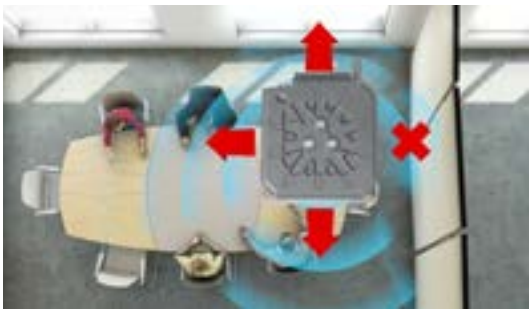
Unique design

› Designed by a European design office to fully meet the European taste.
› Fully flat into the ceiling, leaving only 8mm.
› Fully integrated in the one ceiling tile, enabling lights, speakers and sprinklers to be installed in adjoining ceiling tiles.
› Decoration panel available in 2 colours (white and white-silver).

Differentiating in technology

Optional presence sensor
› When the room is empty, it can adjust the set temperature or switch off the unit – saving energy.
› When people are detected, the direction of the airflow is adapted to avoid cold draughts being directed towards occupants.

Optional floor sensor
› Detects the temperature difference and re-directs the airflow to ensure even temperature distribution.



Top efficiency

› Seasonal labels up to A++*
› When the room is empty, the sensor option can adjust the set temperature or switch off the unit – saving up to 27% energy.

* for FFQ25,35C in combination with RXS25,35L3

Other benefits

› Individual flap control: easily control one or more flaps via the wired remote controller (BRC1E*) when rearranging the room. When fully closing or blocking the flaps, the option "Sealing member of air discharge outlet" is needed.
› Most silent cassette in the market (25dBA), important for office applications.

Marketing tools

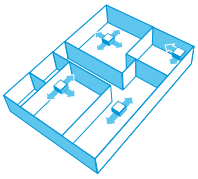
› www.daikineurope.com/fullyflat
› www.youtube.com/DaikinEurope

FULLY FLAT CASSETTE INTEGRATES
FULLY FLAT INTO THE CEILING

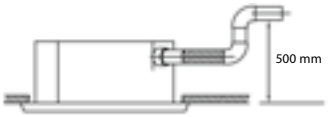
Fully flat cassette

Unique design in the market that integrates fully flat into the ceiling

- Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- Two optional intelligent sensors improve energy efficiency and comfort.
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!



- Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- Optional fresh air intake
- Standard drain pump with 630mm lift increases flexibility and installation speed



FXZQ-A

BRC1E53A-B-C BRC7F530W-S

Indoor unit				FXZQ	15A	20A	25A	32A	40A	50A
Cooling capacity	Nom.			kW	1.7	2.2	2.8	3.6	4.5	5.6
Heating capacity	Nom.			kW	1.9	2.5	3.2	4.0	5.0	6.3
Power input - 50Hz	Cooling	Nom.		kW	0.043			0.045	0.059	0.092
	Heating	Nom.		kW	0.036			0.038	0.053	0.086
Dimensions	Unit	Height		mm	260					
		Width		mm	575					
		Depth		mm	575					
Weight	Unit			kg	15.5			16.5		18.5
Casing	Material				Galvanised steel plate					
Decoration panel	Model				BYFQ60CW					
	Colour				White (N9.5)					
	Dimensions	HeightxWidthxDepth		mm	46x620x620					
	Weight			kg	2.8					
Decoration panel 2	Model				BYFQ60CS					
	Colour				White (N9.5) + Silver					
	Dimensions	HeightxWidthxDepth		mm	46x620x620					
	Weight			kg	2.8					
Decoration panel 3	Model				BYFQ60B3W1					
	Colour				White (RAL9010)					
	Dimensions	HeightxWidthxDepth		mm	55x700x700					
	Weight			kg	2.7					
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low		m^3/min	8.5/7/6.5	8.7/7.5/6.5	9/8/6.5	10/8.5/7	11.5/9.5/8	14.5/12.5/10
	Heating	High/Nom./Low		m^3/min	8.5/7/6.5	8.7/7.5/6.5	9/8/6.5	10/8.5/7	11.5/9.5/8	14.5/12.5/10
Air filter	Type				Resin net with mold resistance					
Sound power level	Cooling	High/Nom.		dBA	49/-		50/-	51/-	54/-	60/-
Sound pressure level	Cooling	High/Nom./Low		dBA	31.5/28/25.5	32/29.5/25.5	33/30/25.5	33.5/30/26	37/32/28	43/40/33
	Heating	High/Nom./Low		dBA	31.5/28/25.5	32/29.5/25.5	33/30/25.5	33.5/30/26	37/32/28	43/40/33
Refrigerant	Type				R-410A					
	GWP				2,087.5					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	12.7					
	Drain				VP20 (I.D. 20/O.D. 26)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240					
Current - 50Hz	Maximum fuse amps (MFA)			A	16					
Control systems	Infrared remote control				BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel)					
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					
	Simplified wired remote control for hotel applications				BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)					

(1) Dimensions do not include control box

2-way blow ceiling mounted cassette

FXCQ20_40A

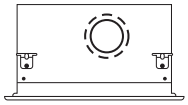
BRC1E53A-B-C

BRC7C52

Thin, lightweight design installs easily in narrow corridors

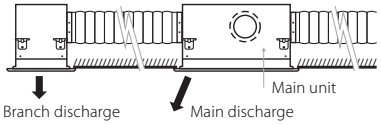
- Depth of all units is 620mm, ideal for narrow spaces
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

Fresh air intake opening in casing

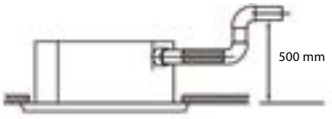


* Brings in up to 10% of fresh air into the room

- Optimum comfort guaranteed with automatic air flow adjustment to the required load
- Maintenance operations can be performed by removing the front panel
- Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms



- Standard drain pump with 580mm lift increases flexibility and installation speed

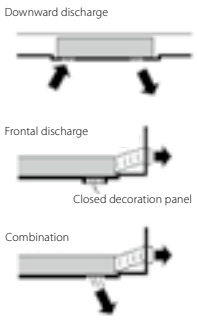


Indoor unit				FXCQ	20A	25A	32A	40A	50A	63A	80A	125A
Cooling capacity	Nom.			kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	Nom.			kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Power input - 50Hz	Cooling	Nom.		kW	0.031	0.039		0.041	0.059	0.063	0.090	0.149
	Heating	Nom.		kW	0.028	0.035		0.037	0.056	0.060	0.086	0.146
Dimensions	Unit	Height		mm	305							
		Width		mm	775				990		1,445	
		Depth		mm	620							
Weight	Unit			kg	19				22	25	33	38
Casing	Material				Galvanised steel plate							
Decoration panel	Model				BYBCQ40HW1				BYBCQ63HW1		BYBCQ125HW1	
	Colour				Fresh white (6.5Y 9.5/0.5)							
	Dimensions	HeightxWidthxDepth		mm	55x1,070x700				55x1,285x700		55x1,740x700	
	Weight			kg	10				11		13	
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low		m^3/min	10.5/9/7.5	11.5/9.5/8		12/10.5/8.5	15/13/10.5	16/14/11.5	26/22.5/18.5	32/27.5/22.5
Air filter	Type				Resin net with mold resistance							
Sound power level	Cooling	Nom.		dBA	-							
Sound pressure level	Cooling	High/Nom./Low		dBA	32.0/30.0/28.0	34.0/31.0/29.0	34.0/32.0/30.0	36.0/33.0/31.0	37.0/35.0/31.0	39.0/37.0/32.0	42.0/38.0/33.0	46.0/42.0/38.0
	Heating	High/Nom./Low		dBA	32.0/30.0/28.0	34.0/31.0/29.0	34.0/32.0/30.0	36.0/33.0/31.0	37.0/35.0/31.0	39.0/37.0/32.0	42.0/38.0/33.0	46.0/42.0/38.0
Refrigerant	Type				R-410A							
	GWP				2,087.5							
Piping connections	Liquid	OD		mm	6.35					9.52		
	Gas	OD		mm	12.7					15.9		
	Drain				VP25 (O.D. 32 / I.D. 25)							
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240							
Current - 50Hz	Maximum fuse amps (MFA)			A	16							
Control systems	Infrared remote control				BRC7C52							
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							
	Simplified wired remote control for hotel applications				BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)							

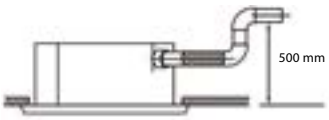
Ceiling mounted corner cassette

1-way blow unit for corner installation

- Compact dimensions, can easily be mounted in a narrow ceiling void (only 220mm ceiling space required, 195 with panel spacer, available as accessory)
- Optimum air flow conditions are created by either downward air discharge or frontal air discharge (via optional grille) or a combination of both



- Maintenance operations can be performed by removing the front panel
- Standard drain pump with 330mm lift increases flexibility and installation speed

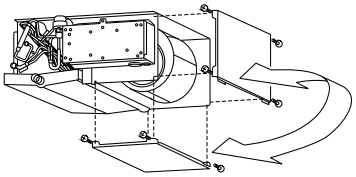


Indoor unit				FXKQ	25MA	32MA	40MA	63MA
Cooling capacity	Nom.			kW	2.8	3.6	4.5	7.10
Heating capacity	Nom.			kW	3.2	4.0	5.0	8.00
Power input - 50Hz	Cooling	Nom.		kW	0.066		0.076	0.105
	Heating	Nom.		kW	0.046		0.056	0.085
Dimensions	Unit	Height		mm	215			
		Width		mm	1,110			1,310
		Depth		mm	710			
Weight	Unit			kg	31			34
Casing	Material				Galvanised steel plate			
Decoration panel	Model				BYK45FJW1			BYK71FJW1
	Colour				White			
	Dimensions	HeightxWidthxDepth		mm	70x1,240x800			70x1,440x800
	Weight			kg	8.5			9.5
Fan-Air flow rate - 50Hz	Cooling	High/Low		m^3/min	11/9		13/10	18/15
Air filter	Type				Resin net with mold resistance			
Sound power level	Cooling	Nom.		dBA	-			
Sound pressure level	Cooling	High/Low		dBA	38.0/33.0		40.0/34.0	42.0/37.0
Refrigerant	Type				R-410A			
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	6.35			9.52
	Gas	OD		mm	12.7			15.9
	Drain				VP25 (O.D. 32 / I.D. 25)			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)			A	15			
Control systems	Infrared remote control				BRC4C61			
	Wired remote control				BRC1D52 / BRC1E53A/B/C			
	Simplified wired remote control for hotel applications				BRC2E53C (heat recovery type) / BRC3E53C (heat pump type)			

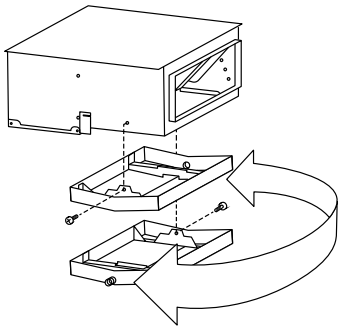
Small concealed ceiling unit

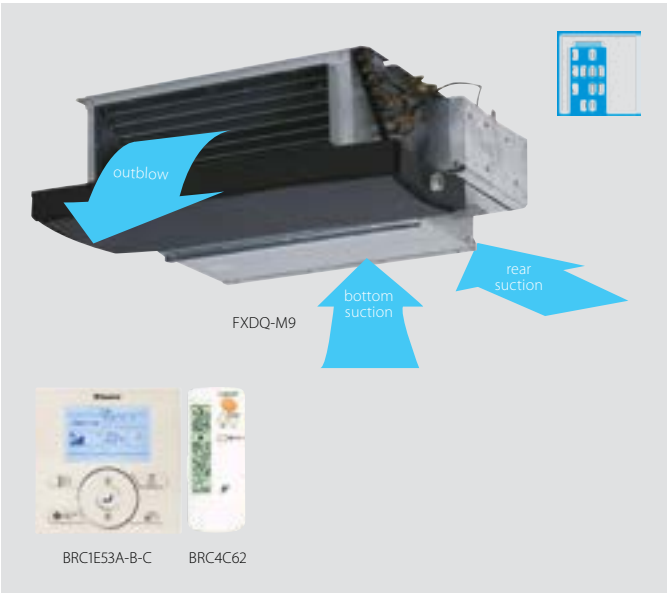
Designed for hotel applications

- Compact unit (230mm high & 652mm deep), can easily be mounted in narrow ceiling voids
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Flexible installation, as the air suction direction can be altered from rear to bottom suction



- For easy mounting, the drain pan can be located to the left or right of the unit



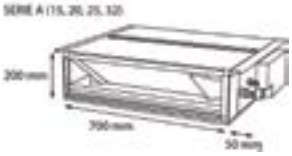


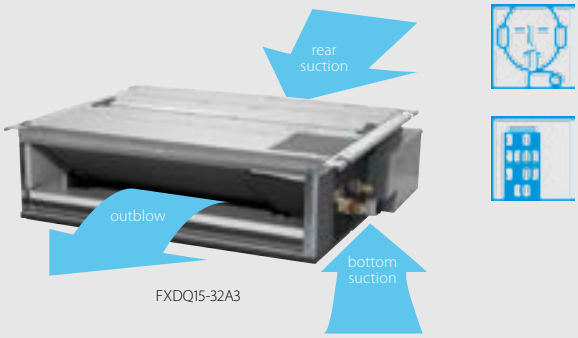
Indoor unit				FXDQ	20M9	25M9
Cooling capacity	Nom.			kW	2.2	2.8
Heating capacity	Nom.			kW	2.5	3.2
Power input - 50Hz	Cooling	Nom.		kW	0.050	
	Heating	Nom.		kW	0.050	
Required ceiling void >				mm	250	
Dimensions	Unit	Height		mm	230	
		Width		mm	502	
		Depth		mm	652	
Weight	Unit			kg	17	
Casing	Colour				Unpainted	
	Material				Galvanised steel	
Fan-Air flow rate	Cooling	High/Low		m^3/min	6.7/5.2	7.4/5.8
- 50Hz	Heating	High/Low		m^3/min	6.7/5.2	7.4/5.8
Air filter	Type				Resin net with mold resistance	
Sound power level	Cooling	Nom.		dBA	50	
Sound pressure	Cooling	High/Low		dBA	37/32	
level	Heating	High/Low		dBA	37/32	
Refrigerant	Type				R-410A	
	GWP				2,087.5	
Piping connections	Liquid	OD		mm	6.35	
	Gas	OD		mm	12.7	
	Drain				I.D. 21.6, O.D. 27.2	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230	
Current - 50Hz	Maximum fuse amps (MFA)			A	16	
Control systems	Infrared remote control				BRC4C62	
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52	
	Simplified wired remote control for hotel applications				BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)	

Slim concealed ceiling unit

Slim design for flexible installation

- Compact dimensions, can easily be mounted in a ceiling void of only 240mm



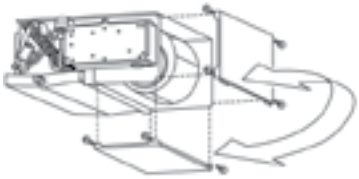


FXDQ15-32A3

BRC1E53A-B-C

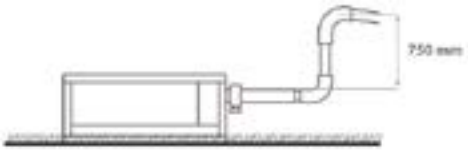
BRC4C65

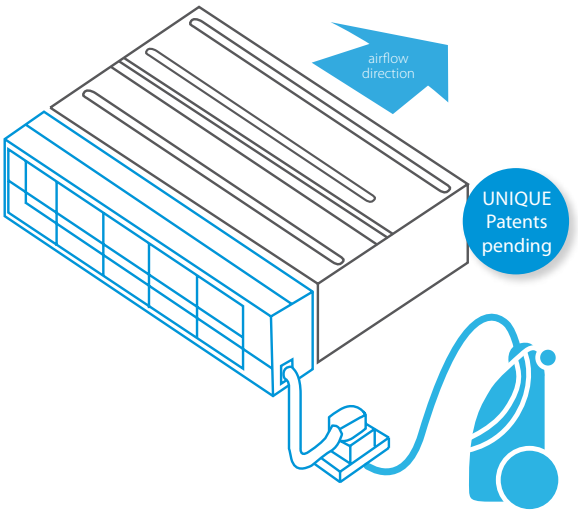
- Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Reduced energy consumption thanks to specially developed DC fan motor
- Flexible installation, as the air suction direction can be altered from rear to bottom suction



NEW
Auto cleaning filter option

- Standard drain pump with 750mm lift increases flexibility and installation speed





UNIQUE
Patents pending

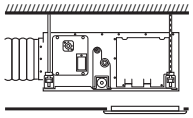
Indoor unit			FXDQ	15A3	20A3	25A3	32A3	40A3	50A3	63A3
Cooling capacity	Nom.		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	0.071				0.078	0.099	0.110
	Heating	Nom.	kW	0.068				0.075	0.096	0.107
Required ceiling void >			mm	240						
Dimensions	Unit	Height	mm	200						
		Width	mm	750				950		1,150
		Depth	mm	620						
Weight	Unit		kg	22				26		29
Casing	Colour			Galvanised steel / Non painted.						
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m^3/min	7.5/7.0/6.4	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
Fan-External static pressure - 50Hz	High/Nom.		Pa	30/10				44/15		
Air filter	Type			Removable / washable / mildew proof						
Sound power level	Cooling	Nom.	dBA	50	51			52	53	54
Sound pressure level	Cooling	High/Nom./Low	dBA	32/31/27	33/31/27			34/32/28	35/33/29	36/34/30
Refrigerant	Type			R-410A						
	GWP			2,087.5						
Piping connections	Liquid	OD	mm	6.35						9.52
	Gas	OD	mm	12.7						15.9
	Drain			VP20 (I.D. 20/O.D. 26)						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220						
Current - 50Hz	Maximum fuse amps (MFA)		A	16						
Control systems	Infrared remote control			BRC4C65						
	Wired remote control			BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						
	Simplified wired remote control for hotel applications			BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)						

Concealed ceiling unit with medium ESP

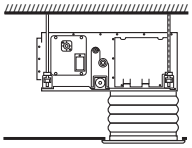
Slimmest yet most powerful medium static pressure unit on the market

- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge

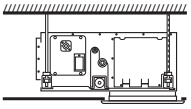
- Whisper quiet operation: down to 25dBA sound pressure level
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- Optional fresh air intake
- Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles



For free use into a false ceiling

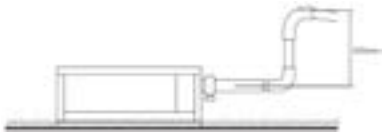


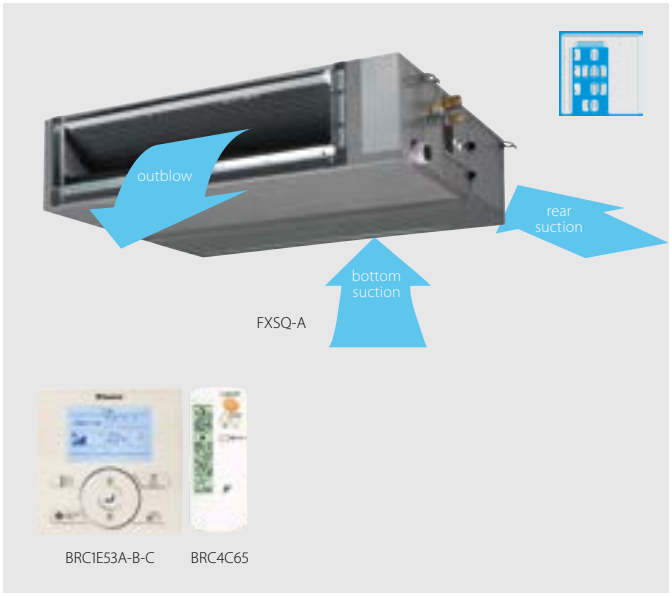
For connecting onto a suction canvas (not supplied by Daikin)



For direct connection to Daikin panel (via EKBYBSD kit)

- Standard built-in drain pump with 625mm lift increases flexibility and installation speed





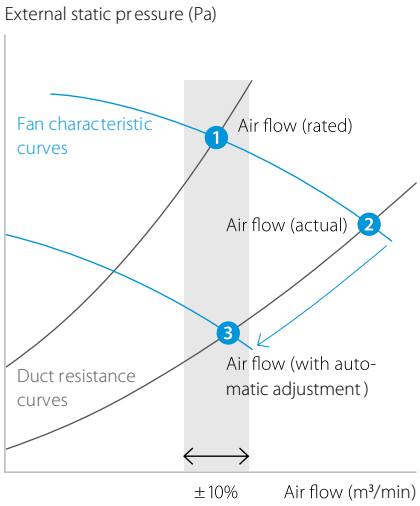
Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±10%

Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance → the real air flow may be much lower or higher than nominal , leading to a lack of capacity or uncomfortable air temperature

Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically(10 or more fan curves are available on every model), making installation much faster



Indoor unit			FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Nom.		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
Heating capacity	Nom.		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	Nom.	kW	0.041			0.045	0.092	0.095		0.121	0.157	0.214	0.243
	Heating	Nom.	kW	0.038			0.042	0.089	0.092		0.118	0.154	0.211	0.240
Dimensions	Unit	Height	mm	245										
		Width	mm	550				700		1,000		1,400		1,550
		Depth	mm	800										
Weight	Unit		kg	23.5			24	28.5	29	35.5	36.5	46	47	51
Casing	Colour			Not painted (galvanised)										
	Material			Galvanised steel plate										
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m^3/min	8.7/7.5/6.5	9/7.5/6.5		9.5/8/7.0	15/12.5/11	15.2/12.5/11	21.0/18/15	23/19.5/16	32/27/23	36/31.5/26	39/34/28
	Heating	High/Nom./Low	m^3/min	8.7/7.5/6.5	9/7.5/6.5		9.5/8/7	15/12.5/11	15.2/12.5/11	21/18/15	23/19.5/16.0	32/27/23	36/31.5/26	39/34/28
Fan-External static pressure - 50Hz	High/Nom.		Pa	150/30							150/40		150/50	
Air filter	Type			Resin net with mold resistance										
Sound power level	Cooling	Nom.	dBA	54			55	60		59	61		64	
Sound pressure level	Cooling	High/Nom./Low	dBA	29.5/28/25	30/28/25		31/29/26	35/32/29		33/30/27	35/32/29	36/34/31	39/36/33	41.5/38/34
	Heating	High/Nom./Low	dBA	31.5/29/26	32/29/26		33/30/27	37/34/29		35/32/28	37/34/30	37/34/31	40/37/33	42/38.5/34
Refrigerant	Type			R-410A										
	GWP			2,087.5										
Piping connections	Liquid	OD	mm	6.35						9.52				
	Gas	OD	mm	12.7						15.9				
	Drain			VP20 (I.D. 20/O.D. 26)										
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220										
Current - 50Hz	Maximum fuse amps (MFA)		A	16										
Control systems	Infrared remote control			BRC4C65										
	Wired remote control			BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52										
	Simplified wired remote control for hotel applications			BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)										

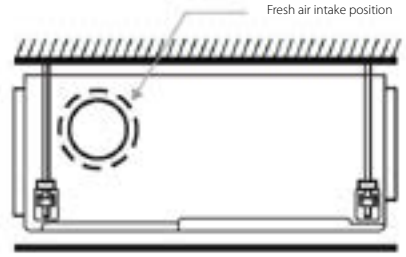
Concealed ceiling unit with high ESP

Ideal for large sized spaces

FXMQ-P7: ESP up to 200 Pa

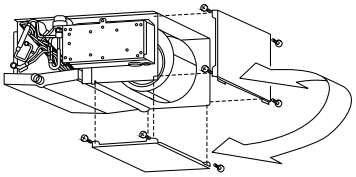
› Possibility to change ESP via wired remote control allows optimisation of the supply air volume
› High external static pressure up to 200Pa facilitates extensive duct and grille network
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› Reduced energy consumption thanks to specially developed DC fan motor
› Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

Fresh air intake opening in casing

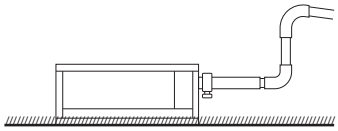


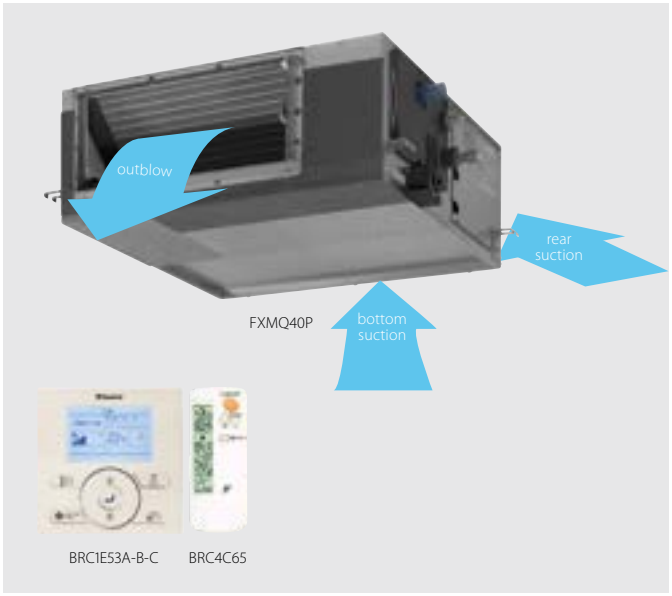
* Brings in up to 10% of fresh air into the room

› Flexible installation, as the air suction direction can be altered from rear to bottom suction



› Standard built-in drain pump with 625mm lift increases flexibility and installation speed





USP: FXMQ-MB: ESP up to 270

› High external static pressure up to 270Pa facilitates extensive duct and grille network
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› Large capacity unit: up to 31.5 kW heating capacity
› Reduced energy consumption thanks to specially developed DC fan motor

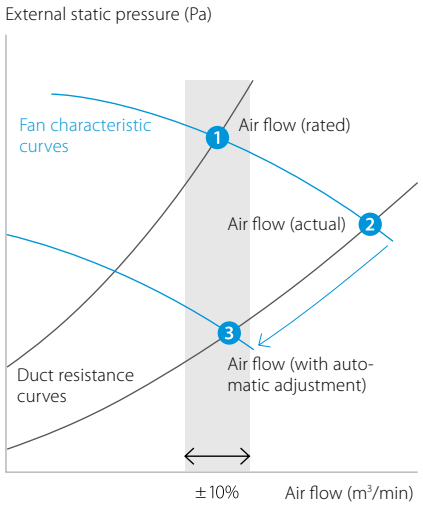
Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±10%

Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance → the real air flow may be much lower or higher than nominal , leading to a lack of capacity or uncomfortable air temperature

Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically(10 or more fan curves are available on every model), making installation much faster

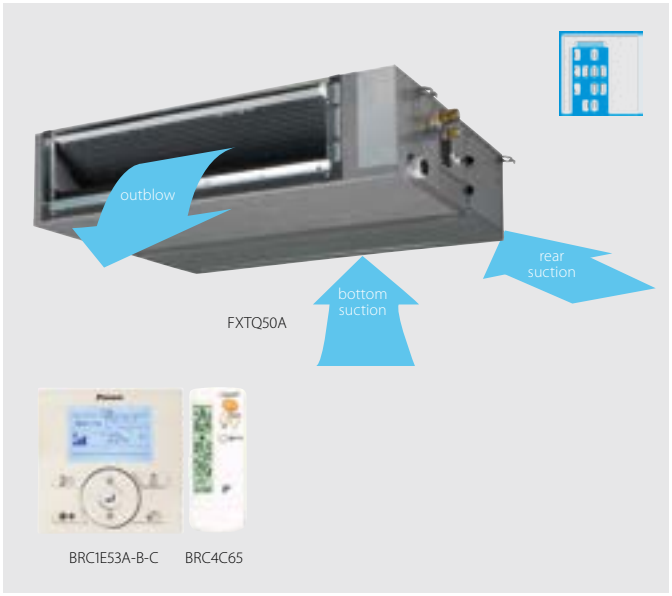


Indoor unit				FXMQ-P7/FXMQ-MB	50P7	63P7	80P7	100P7	125P7	200MB	250MB
Cooling capacity	Nom.			kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0
Heating capacity	Nom.			kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5
Power input - 50Hz	Cooling	Nom.		kW	0.110	0.120	0.171	0.176	0.241	0.895	1.185
	Heating	Nom.		kW	0.098	0.108	0.159	0.164	0.229	0.895	1.185
Required ceiling void >				mm	350					-	
Dimensions	Unit	Height		mm	300					470	
		Width		mm	1,000			1,400		1,380	
		Depth		mm	700					1,100	
Weight	Unit			kg	35			46		132	
Casing	Colour				Unpainted					-	
	Material				Galvanised steel plate						
Decoration panel	Model				BYBS71DJW1			BYBS125DJW1		-	
	Colour				White (10Y9/0.5)					-	
	Dimensions	HeightxWidthxDepth		mm	55x1,100x500			55x1,500x500		-x-x-	
	Weight			kg	4.5			6.5		-	
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low		m^3/min	18/16.5/15	19.5/17.8/16	25/22.5/20	32/27.5/23	39/33.5/28	58/54.0/50	72/67.0/62
	Heating	High/Nom./Low		m^3/min	18/16.5/15	19.5/17.8/16	25/22.5/20	32/27.5/23	39/33.5/28	-/-/-	
Fan-External static pressure - 50Hz	High/Nom.			Pa	200/100					270/160	270/170
Air filter	Type				Resin net with mold resistance					-	
Sound power level	Cooling	High/Nom.		dBA	61/-	64/-	67/-	65/-	70/-	-/-	
Sound pressure level	Cooling	High/Nom./Low		dBA	41/39/37	42/40/38	43/41/39		44/42/40	48/-/45	
	Heating	High/Nom./Low		dBA	41/39/37	42/40/38	43/41/39		44/42/40	-/-/-	
Refrigerant	Type				R-410A						
	GWP				2,087.5						
Piping connections	Liquid	OD		mm	6.35	9.52					
	Gas	OD		mm	12.7	15.9				19.1	22.2
	Drain				VP25 (I.D. 25/O.D. 32)					PS1B	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	16						
Control systems	Infrared remote control				BRC4C65						
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						
	Simplified wired remote control for hotel applications				BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)						

Concealed ceiling unit with high efficiency

For the highest energy efficiency

- Narrow ceilings voids are no longer a challenge, 50 & 60 class units can swiftly be integrated as they only are 245mm in height.
- High external static pressure up to 270Pa facilitates extensive duct and grille network
- Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, whatever the length of duct, making installation easier and guaranteeing comfort. Moreover, the ESP can be changed via the wir
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible



Indoor unit				FXTQ	50A	63A	80A	100A
Cooling capacity	Nom.			kW	5.6	7.1	8.7	11.2
Heating capacity	Nom.			kW	6.3	8	10.0	12.5
Power input - 50Hz	Cooling	Nom.		kW	0.214	0.243	-	
	Heating	Nom.		kW	0.211	0.240	-	
Dimensions	Unit	Height		mm	245		470	
		Width		mm	1,400	1,550	1,380	
		Depth		mm	800		1,100	
Weight	Unit			kg	47	51	132	
Casing	Colour				Not painted (galvanised)		-	
	Material				Galvanised steel plate			
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low		m^3/min	36/31.5/26	39/34.0/28	58/54/50	72/67/62
	Heating	High/Nom./Low		m^3/min	36.0/31.5/26.0	39.0/34.0/28.0	-/-/-	
Fan-External static pressure - 50Hz	High/Nom.			Pa	150/50		270/160	271/170
Air filter	Type				Resin net with mold resistance		-	
Sound power level	Cooling	High/Nom.		dBA	64/-		-/-	
Sound pressure level	Cooling	High/Nom./Low		dBA	39/36/33	41.5/38/34	-/-/-	
	Heating	High/Nom./Low		dBA	40/37/33	42/38.5/34	-/-/-	
Refrigerant	Type				R-410A			
	GWP				2,087.5			
Piping connections	Liquid	OD		mm	9.52			
	Gas	OD		mm	15.9		19.1	22.2
	Drain				VP20 (I.D. 20/O.D. 26), drain height 625 mm		PS1B	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	16			
Control systems	Infrared remote control				BRC4C65			
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			
	Simplified wired remote control for hotel applications				BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)			

Wall mounted unit

For rooms with no false ceilings nor free floor space

- Flat, stylish front panel blends easily within any interior décor and is easier to clean
- Can easily be installed in both new and refurbishment projects
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Reduced energy consumption thanks to specially developed DC fan motor
- The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- Maintenance operations can be performed easily from the front of the unit

FXAQ20-32P

BRC1E53A-B-C

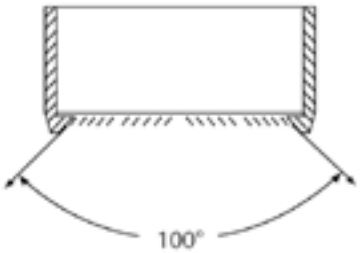
BRC7EB518

Indoor unit			FXAQ	15P	20P	25P	32P	40P	50P	63P
Cooling capacity	Nom.		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	0.017	0.019	0.028	0.030	0.020	0.033	0.050
	Heating	Nom.	kW	0.025	0.029	0.034	0.035	0.020	0.039	0.060
Dimensions	Unit	Height	mm	290						
		Width	mm	795				1,050		
		Depth	mm	238						
Weight	Unit		kg	11				14		
Casing	Colour			White (3.0Y8.5/0.5)						
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	7.0/4.5	7.5/4.5	8/5	8.5/5.5	12/9	15/12	19/14
Air filter	Type			Washable resin net						
Sound power level	Cooling	High/Nom.	dBA	52.0/-	53.0/-	54.0/-	55.5/-	57.0/-	60.0/-	65.0/-
Sound pressure level	Cooling	High/Low	dBA	34.0/29.0	35.0/29.0	36.0/29.0	37.5/29.0	39.0/34.0	42.0/36.0	47.0/39.0
Refrigerant	Type			R-410A						
	GWP			2,087.5						
Piping connections	Liquid	OD	mm	6.35						9.52
	Gas	OD	mm	12.7						15.9
	Drain			VP13 (I.D. 13/O.D. 18)						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)		A	16						
Control systems	Infrared remote control			BRC7EB518						
	Wired remote control			BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						
	Simplified wired remote control for hotel applications			BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)						

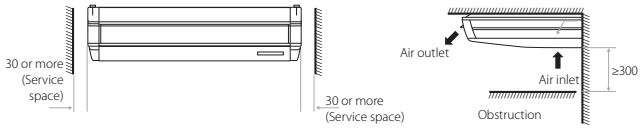
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

› Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



› Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
› Can easily be installed in both new and refurbishment projects
› Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



› Optional fresh air intake
› Reduced energy consumption thanks to specially developed DC fan motor and drain pump
› Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible

FXHQ63A

BRC1E53A-B-C

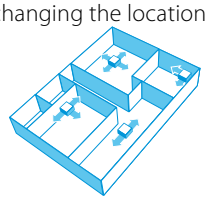
BRC7G53

Indoor unit				FXHQ	32A	63A	100A
Cooling capacity	Nom.			kW	3.6	7.1	11.2
Heating capacity	Nom.			kW	4.0	8.0	12.5
Power input - 50Hz	Cooling	Nom.		kW	0.107	0.111	0.237
	Heating	Nom.		kW	0.107	0.111	0.237
Dimensions	Unit	Height		mm	235		
		Width		mm	960	1,270	1,590
		Depth		mm	690		
Weight	Unit			kg	24	33	39
Casing	Colour				Fresh White		
	Material				Resin		
Fan-Air flow rate	Cooling	High/Nom./Low		m^3/min	14.0/12.0/10.0	20.0/17.0/14.0	29.5/24.0/19.0
- 50Hz	Heating	High/Nom./Low		m^3/min	14.0/12.0/10.0	20.0/17.0/14.0	29.5/24.0/19.0
Air filter	Type				Resin net with mold resistance		
Sound power level	Cooling	Nom.		dBA	-		
Sound pressure level	Cooling	High/Nom./Low		dBA	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0
	Heating	High/Nom./Low		dBA	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0
Refrigerant	Type				R-410A		
	GWP				2,087.5		
Piping connections	Liquid	OD		mm	6.35	9.52	
	Gas	OD		mm	12.7	15.9	
	Drain				VP20 (I.D. 20/O.D. 26)		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	16		
Control systems	Infrared remote control				BRC7G53		
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52		
	Simplified wired remote control for hotel applications				BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)		

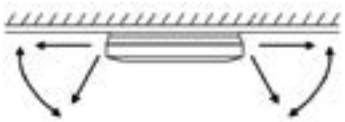
4-way blow ceiling suspended unit

Unique Daikin unit for high rooms with no false ceilings nor free floor space

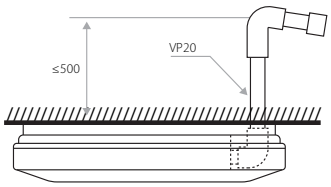
- Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- Can easily be installed in both new and refurbishment projects
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!



- Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- Optimum comfort guaranteed with automatic air flow adjustment to the required load
- 5 different discharge angles between 0 and 60°can be programmed via the remote control



- Standard drain pump with 500mm lift increases flexibility and installation speed



Indoor unit				FXUQ	71A	100A
Cooling capacity	Nom.			kW	8.0	11.2
Heating capacity	Nom.			kW	9.0	12.5
Power input - 50Hz	Cooling	Nom.		kW	0.090	0.200
	Heating	Nom.		kW	0.073	0.179
Dimensions	Unit	Height		mm	198	
		Width		mm	950	
		Depth		mm	950	
Weight	Unit			kg	26	27
Casing	Colour				Fresh White	
	Material				Resin	
Fan-Air flow rate	Cooling	High/Nom./Low		m^3/min	22.5/19.5/16.0	31.0/26.0/21.0
- 50Hz	Heating	High/Nom./Low		m^3/min	22.5/19.5/16.0	31.0/26.0/21.0
Air filter	Type				Resin net with mold resistance	
Sound power level	Cooling	Nom.		dBA	-	
Sound pressure level	Cooling	High/Nom./Low		dBA	40.0/38.0/36.0	47.0/44.0/40.0
	Heating	High/Nom./Low		dBA	40.0/38.0/36.0	47.0/44.0/40.0
Refrigerant	Type				R-410A	
	GWP				2,087.5	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	15.9	
	Drain				I.D. 20/O.D. 26	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220-230	
Current - 50Hz	Maximum fuse amps (MFA)			A	16	
Control systems	Infrared remote control				BRC7C58	
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52	
	Simplified wired remote control for hotel applications				BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)	

Concealed floor standing unit

Designed to be concealed in walls

› Discretely concealed in the wall: only the suction and discharge grilles are visible
› Requires very little installation space as the depth is only 200mm

› Its low height (620 mm) enables the unit to fit perfectly beneath a window
› High ESP allows flexible installation

FXNQ-A

BRC1E53A-B-C

BRC4C65

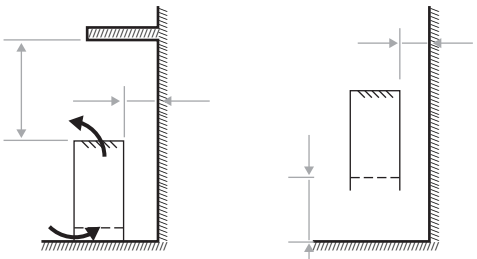
Indoor unit				FXNQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Nom.			kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.			kW	2.5	3.2	4.0	5.0	6.3	8.00
Power input - 50Hz	Cooling	Nom.		kW	0.071			0.078	0.099	0.110
	Heating	Nom.		kW	0.068			0.075	0.096	0.107
Dimensions	Unit	Height		mm	620 / 720 (1)					
		Width		mm	750			950		1,150
		Depth		mm	200					
Weight	Unit			kg	23.5			27.5		32
Casing	Colour				Unpainted					
	Material				Galvanised steel plate					
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low		m^3/min	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11/10.0	16.5/14.5/13.0
	Heating	High/Nom./Low		m^3/min	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11/10.0	16.5/14.5/13.0
Fan-External static pressure - 50Hz	High/Nom.			Pa	41/10		42/10	52/15	59/15	55/15
Air filter	Type				Resin net with mold resistance					
Sound power level	Cooling	High/Nom.		dBA	51/-			52/-	53/-	54/-
Sound pressure level	Cooling	High/Nom./Low		dBA	30/28.5/27			32/30/28	33/31/29	35/33/32
	Heating	High/Nom./Low		dBA	30/28.5/27			32/30/28	33/31/29	35/33/32
Refrigerant	Type				R-410A					
	GWP				2,087.5					
Piping connections	Liquid	OD		mm	6.35					9.52
	Gas	OD		mm	12.7					15.9
	Drain				VP20 (I.D. 20/O.D. 26)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	16					
Control systems	Infrared remote control				BRC4C65					
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					
	Simplified wired remote control for hotel applications				BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)					

(1) Including installation legs

Floor standing unit

For perimeter zone air conditioning

- Unit can be installed as free standing model by use of optional back plate
- Its low height enables the unit to fit perfectly beneath a window
- Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- Requires very little installation space



Floor standing Wall mounted

- Wall mounted installation facilitates cleaning beneath the unit where dust tends to accumulate

- Wired remote control can easily be integrated in the unit

FXLQ20,25P

BRC1E53A-B-C

BRC4C65

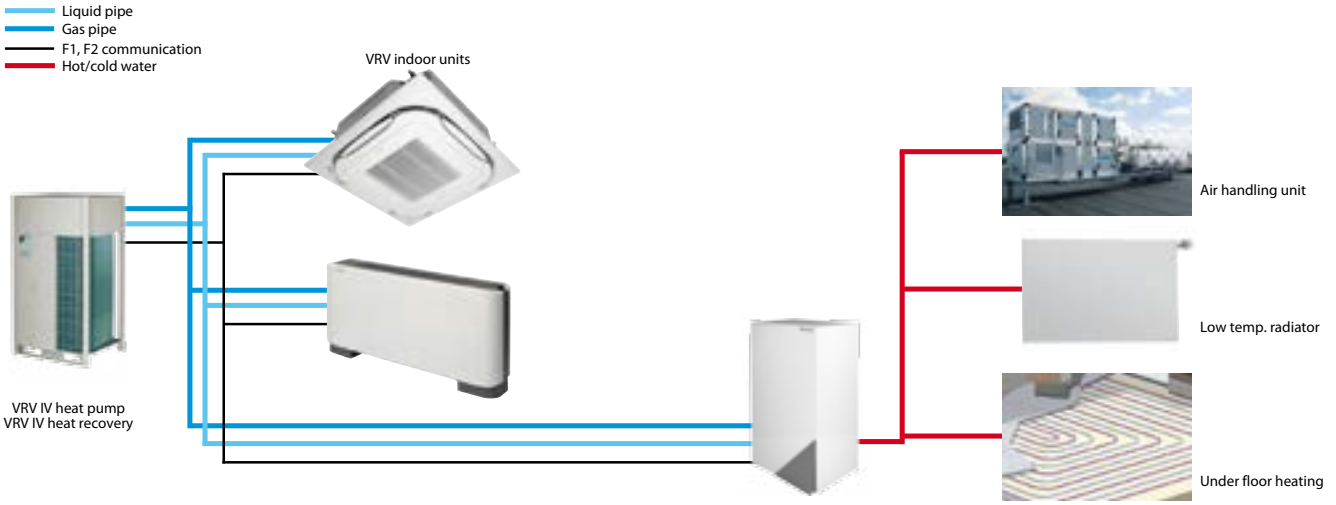
Indoor unit				FXLQ	20P	25P	32P	40P	50P	63P
Cooling capacity	Nom.			kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.			kW	2.5	3.2	4.0	5.0	6.3	8.000
Power input - 50Hz	Cooling	Nom.		kW	0.049		0.090		0.110	
	Heating	Nom.		kW	0.049		0.090		0.110	
Dimensions	Unit	Height		mm	600					
		Width		mm	1,000		1,140		1,420	
		Depth		mm	232					
Weight	Unit			kg	27		32		38	
Casing	Colour				Fresh white (RAL9010) / Dark grey (RAL7011)					
Fan-Air flow rate - 50Hz	Cooling	High/Low		m^3/min	7/6		8/6	11/8.5	14/11	16/12
Air filter	Type				Resin net					
Sound power level	Cooling	Nom.		dBA	-					
Sound pressure level	Cooling	High/Low		dBA	35/32			38/33	39/34	40/35
	Heating	High/Low		dBA	35/32			38/33	39/34	40/35
Refrigerant	Type				R-410A					
	GWP				2,087.5					
Piping connections	Liquid	OD		mm	6.35					9.52
	Gas	OD		mm	12.7					15.9
	Drain				O.D. 21 (Vinyl chloride)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	15					
Control systems	Infrared remote control				BRC4C65					
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					
	Simplified wired remote control for hotel applications				BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)					

Low temperature hydrobox for VRV

For high efficiency space heating and cooling

- Air to water connection to VRV for applications such as underfloor, air handling units, low temperature radiators, …
- Leaving water temperature range from 5°C to 45°C without electric heater
- Super wide operating range for hot/cold water production from -20 to +43°C ambient outdoor temperature
- Saves time on system design as all water-side components are fully integrated with direct control over leaving water temperature
- Space saving contemporary wall hung design
- No gas connection or oil tank needed
- Connectable to VRV IV heat pump and heat recovery

HXY-A8



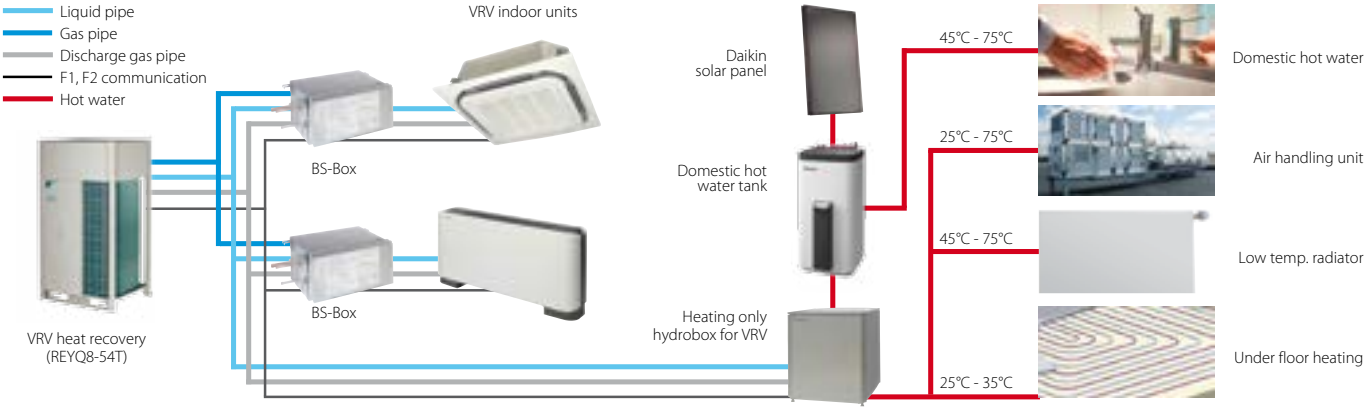
Indoor Unit				HXY	080A8	125A8
Cooling capacity	Nom.			kW	8.0 (1)	12.5 (1)
Heating capacity	Nom.			kW	9.00 (2)	14.00 (2)
Dimensions	Unit	HeightxWidthxDepth		mm	890x480x344	
Weight	Unit			kg	44	
Casing	Colour				White	
	Material				Precoated sheet metal	
Sound pressure level	Nom.			dBA	-	
Operation range	Heating	Ambient	Min.~Max.	°C	-20~24	
		Water side	Min.~Max.	°C	25~45	
	Domestic hot water	Ambient	Min.~Max.	°CDB	-~-	
		Water side	Min.~Max.	°C	-~-	
Refrigerant	Type				R-410A	
	GWP				2,087.5	
Refrigerant circuit	Gas side diameter			mm	15.9	
	Liquid side diameter			mm	9.5	
Water circuit	Piping connections diameter			inch	G 1"1/4 (female)	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240	
Current	Recommended fuses			A	6~16	

(1) Tamb 35°C - LWE 18°C (DT=5°C) (2) DB/WB 7°C/6°C - LWC 35°C (DT=5°C) (3) Flow switch setting

High temperature hydrobox for VRV

For efficient hot water production and space heating

- Air to water connection to VRV for applications such as bathrooms, sinks, underfloor heating, radiators and air handling units
- Leaving water temperature range from 25 to 80°C without electric heater
- „Free" heating and hot water production provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- Uses heat pump technology to produce hot water efficiently, providing up to 17% savings compared to a gas boiler
- Possibility to connect thermal solar collectors to the domestic hot water tank
- Super wide operating range for hot water production from -20 to +43°C ambient outdoor temperature
- Saves time on system design as all water-side components are fully integrated with direct control over leaving water temperature
- Various control possibilities with weather dependant set point or thermostat control
- The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- No gas connection or oil tank needed
- Connectable to VRV IV heat recovery



NEW
For production of large quantities of hot water
Launch end 2017

Indoor Unit				HXHD	125A8	200A8
Heating capacity	Nom.			kW	14.0	22.4
Casing	Colour				Metallic grey	
	Material				Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695	
Weight	Unit			kg	92	-
Operation range	Heating	Ambient	Min.~Max.	°C	-20~20 / 24 (1)	
		Water side	Min.~Max.	°C	25~80	
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20~43	
		Water side	Min.~Max.	°C	45~75	
Refrigerant	Type				R-134a	
	Charge			kg	2	-
				TCO_2eq	2.9	-
	GWP				1,430.0	
Sound power level	Nom.			dBA	55 (2)	-
Sound pressure level	Nom.			dBA	42 (2) / 43 (3)	-
	Night quiet mode	Level 1		dBA	38 (2)	-
Refrigerant circuit	Gas side diameter			mm	12.7	-
	Liquid side diameter			mm	9.52	-
Water circuit	Piping connections diameter			inch	G 1" (female)	-
	Heating water system	Water volume	Max.~Min.	l	200~20	-
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240	
Current	Recommended fuses			A	20	-

*Note: blue cells contain preliminary data

(1) Field setting (2) Sound levels are measured at: EW 55°C; LW 65°C (3) Sound levels are measured at: EW 70°C; LW 80°C

EKHWP-B

Thermal store

Plastic domestic hot water tank with solar support

› Tank designed for connection with drainback thermal solar system
› Large hot water storage tank to provide domestic hot water at any time
› Heat loss is reduced to a minimum thanks to the high quality insulation
› Space heating support possible (500l tank only)

EKHWP300B EKHWP500B

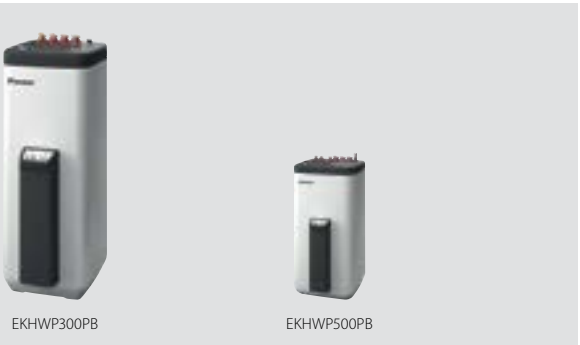
Accessory				EKHWP	300B	500B
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)	
	Material				Impact resistant polypropylene	
Dimensions	Unit	Width	mm		595	790
		Depth	mm		615	790
Weight	Unit	Empty	kg		58	82
Tank	Water volume			l	294	477
	Material				Polypropylen	
	Maximum water temperature			°C	85	
	Insulation	Heat loss		kWh/24h	1.5	1.7
	Energy efficiency class				B	
	Standing heat loss			W	64	72
	Storage volume			l	294	477
Heat exchanger	Domestic hot water	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	5.600	5.800
		Internal coil volume		l	27.1	29.0
		Operating pressure		bar	6	
		Average specifc thermal output		W/K	2,790	2,825
	Charging	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	3	4
		Internal coil volume		l	13	19
		Operating pressure		bar	3	
		Average specifc thermal output		W/K	1,300	1,800
	Auxiliary solar heating	Tube material			-	Stainless steel (DIN 1.4404)
		Face area		m^2	-	1
		Internal coil volume		l	-	2
		Operating pressure		bar	-	3
		Average specifc thermal output		W/K	-	280

EKHWP-PB

Thermal store

Pressureless domestic hot water tank with solar support

› Tank designed for connection with pressurised thermal solar system
› Large hot water storage tank to provide domestic hot water at any time
› Heat loss is reduced to a minimum thanks to the high quality insulation
› Space heating support possible (500l tank only)



EKHWP300PB EKHWP500PB

Accessory				EKHWP	300PB	500PB
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)	
	Material				Impact resistant polypropylene	
Dimensions	Unit	Width	mm		595	790
		Depth	mm		615	790
Weight	Unit	Empty	kg		58	89
Tank	Water volume			l	294	477
	Material				Polypropylen	
	Maximum water temperature			°C	85	
	Insulation	Heat loss		kWh/24h	1.5	1.7
	Energy efficiency class				B	
	Standing heat loss			W	64	72
	Storage volume			l	294	477
Heat exchanger	Domestic hot water	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	5.600	5.800
		Internal coil volume		l	27.1	29.0
		Operating pressure		bar	6	
		Average specifc thermal output		W/K	2,790	2,825
	Charging	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area		m^2	3	4
		Internal coil volume		l	13	19
		Operating pressure		bar	3	
		Average specifc thermal output		W/K	1,300	1,800
	Auxiliary solar heating	Tube material			-	Stainless steel (DIN 1.4404)
		Face area		m^2	-	1
		Internal coil volume		l	-	2
		Operating pressure		bar	-	3
		Average specifc thermal output		W/K	-	280

Solar collector

Thermal solar collector for hot water production

- Solar collectors can produce up to 70% of the energy needed for hot water production - a major cost saving
- Horizontal and vertical solar collector for domestic hot water production
- High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
- Easy to install on roof tiles

Accessory			EKSV/EKSH	21P	26P	
Mounting				Vertical		Horizontal
Dimensions	Unit	HeightxWidthxDepth	mm	1,006x85x2,000		2,000x85x1,300
Weight	Unit		kg	33	42	
Volume			l	1.3	1.7	2.1
Surface	Outer		m^2	2.01	2.60	
	Aperture		m^2	1.800	2.360	
	Absorber		m^2	1.79	2.35	
Coating				Micro-therm (absorption max. 96%, Emission ca. 5% +/-2%)		
Absorber				Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate		
Glazing				Single pane safety glass, transmission +/- 92%		
Allowed roof angle	Min.~Max.		°	15~80		
Operating pressure	Max.		bar	6		
Stand still temperature	Max.		°C	192		
Thermal performance	collector efficiency (ηcol)		%	61		
	Zero loss collector efficiency η0		%	0.781	0.784	
	Heat loss coefficient a1		$W/m^2.K$	4.240	4.250	
	Temperature dependence of the heat loss coefficient a2		$W/m^2.K^2$	0.006	0.007	
	Thermal capacity		kJ/K	4.9	6.5	
Auxiliary	Solpump		W	-		
	Solstandby		W	-		
	Annual auxiliary electricity consumption Qaux		kWh	-		

EKSRDS2A/EKSRPS4A

Pump station

- Save energy and reduce CO_2 emissions with a solar system for domestic hot water production
- Pump station connectable to unpressurised solar system
- Pump station and control provide the transfer of solar heat to the domestic hot water tank

EKSRPS4A

Accessory			EKSRPS4A/EKSRDS2A	4A	2A
Mounting				On side of tank	On wall
Dimensions	Unit	HeightxWidthxDepth	mm	815x142x230	410x314x154
Weight	Unit		kg	6	
Operation range	Ambient temperature	Min.~Max.	°C	5~40	0~40
Operating pressure	Max.		bar	-	6
Stand still temperature	Max.		°C	85	120
Thermal performance	collector efficiency (ηcol)		%	-	
	Zero loss collector efficiency η0		%	-	
Control	Type			Digital temperature difference controller with plain text display	
	Power consumption		W	2	5
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230	/50/230
Sensor	Solar panel temperature sensor			Pt1000	
	Storage tank sensor			PTC	-
	Return flow sensor			PTC	-
	Feed temperature and flow sensor			Voltage signal (3.5V DC)	-
Power supply intake				Indoor unit	
Auxiliary	Solpump		W	30	23
	Solstandby		W	2.00	5.00
	Annual auxiliary electricity consumption Qaux		kWh	78	89

Options & accessories - VRV outdoor

		VRV IV Heat Recovery				
		REYQ 8~12T	REYQ 14~20T	REMQ5T	2-module systems	3-module systems
Kits	**Multi-module connection kit (obligatory)** - Connects multiple modules into a single refrigerant system				BHFQ23P907	BHFQ23P1357
	Extended level difference kit - Allows outdoor unit to be more than 50m above indoor units	Special order unit				
	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.					
	Heater tape kit - Optional electrical heater to guarantee trouble-free operation in extremely cold and humid climates (one per outdoor unit needed)	EKBPH012T + EKBHPCBT	EKBPH020T + EKBHPCBT	EKBPH012T + EKBHPCBT		
	BHGP26A1 Digital pressure gauge kit – displays current condensing and evaporating pressures in the system as Standard, or expansion valve positions and temperature sensor data in a special service mode. Connect to the outdoor unit PCB, for installation in the outdoor unit.	●	●	●	1 kit per system	1 kit per system
Adapters	**External control adapter for outdoor unit** - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit*, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units				
	KRC19-26A Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.					
	EBRP2B - Cool/heat selector PCB					
	BRP2A81 Cool/heat selector PCB (required to connect KRC19-26A to VRV IV outdoor)					
	KKSA26A560* Cool/heat selector PCB mounting plate (only required when cool/heat selector PCB and Heater tape kit are combined)					
Others	**KJB111A** Installation box for remote cool/heat selector KRC19-26A					
	EKCHSC - Cool/heat selector cable					
	EKPCCAB3 VRV configurator	●	●	●	●	●
	KKSB2B61* Demand PCB mounting plate. Needed to mount Demand PCB for one or more outdoor units.					
	DTA109A51 DIII-net expander adapter	●	●	●	●	●
	BPMKS967A2/A3 Branch provider (for connection of 2/3 RA indoor units)					
	EKDK04 Drain plug kit					

		VRV IV S-series			
		RXYSCQ-T	RXYSQ4-6TV1	RXYSQ4-6TY1	RXYSQ8-12TY1
Kits	**Multi-module connection kit (obligatory)** - Connects multiple modules into a single refrigerant system				
	Extended level difference kit - Allows outdoor unit to be more than 50m above indoor units				
	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.				
	Heater tape kit - Optional electrical heater to guarantee trouble-free operation in extremely cold and humid climates (one per outdoor unit needed)				
	BHGP26A1 Digital pressure gauge kit – displays current condensing and evaporating pressures in the system as Standard, or expansion valve positions and temperature sensor data in a special service mode. Connect to the outdoor unit PCB, for installation in the outdoor unit.				
Adapters	**External control adapter for outdoor unit** - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit*, BSVQ box, or VRV-WIII outdoor unit.				
	KRC19-26A Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.		●	●	
	EBRP2B - Cool/heat selector PCB		●		
	BRP2A81 Cool/heat selector PCB (required to connect KRC19-26A to VRV IV outdoor)				
	KKSA26A560* Cool/heat selector PCB mounting plate (only required when cool/heat selector PCB and Heater tape kit are combined)				
Others	**KJB111A** Installation box for remote cool/heat selector KRC19-26A		●	●	
	EKCHSC - Cool/heat selector cable			●	●
	EKPCCAB3 VRV configurator	●	●	●	●
	KKSB2B61* Demand PCB mounting plate. Needed to mount Demand PCB for one or more outdoor units.				
	DTA109A51 DIII-net expander adapter				
	BPMKS967A2/A3 Branch provider (for connection of 2/3 RA indoor units)	●	●	●	●
	EKDK04 Drain plug kit		●	●	

VRV IV with continuous heating						VRV IV without continuous heating			
RYYQ8-12T (8)	RYYQ14-20T	RYMQ8-12T	RYMQ14-20T	2-module systems	3-module systems	RXYQ8-12T 8	RXYQ14-20T	2-module systems	3-module systems
				BHFQ22P1007	BHFQ22P1517			BHFQ22P1007	BHFQ22P1517
EKBPH012T + EKBPHPCBT	EKBPH020T + EKBPHPCBT	EKBPH012T + EKBPHPCBT	EKBPH020T + EKBPHPCBT			EKBPH012T + EKBPHPCBT	EKBPH020T + EKBPHPCBT		
•	•	•	•	1 kit per system	1 kit per system	•	•	1 kit per system	1 kit per system
DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units									
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
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	•		•				•		
•	•	•	•	•	•	•	•	•	•
•	•					•	•		

VRV IV i-series SB.RKXYQ				VRV III-C Cold Region VRV			VRV Classic		
RDXYQ5	RKXYQ8	RKXYQ5	RKXYQ8	RTSYQ 10PA	RTSYQ 14~16PA	RTSYQ 20PA	RXYCQ8A	RXYCQ10-14A	RXYCQ16-20A
						BHFQ22P1007			
				KWC26B280	KWC26B450	2x KWC26B280	KWC26B160	KWC26B280	KWC26B450
EKDPRH1RDX	EKDPRH1RDX			BEH22A10Y1L	BEH22A18Y1L	2x BEH22A10Y1L			
				•	•	•	•	•	•
			DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units						
		•	•				•	•	•
			•						
		•	•				•	•	•
		•							
		•	•						
				•	•	•	•	•	•

Options & accessories - VRV outdoor

		VRV IV-Q Heat Pump Replacement VRV				
		RQYQ 140P	RXYQQ8-12T	RXYQQ14-20T	2-module systems	3-module systems
Kits	**Multi-module connection kit (obligatory)** Connects multiple modules into a single refrigerant system				BHFQ22P1007	BHFQ22P1517
	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.	KWC26B160				
	Heater tape kit - Optional electrical heater to guarantee trouble-free operation in extremely cold and humid climates (one per outdoor unit needed)		EKBPH012T + EKBPHPCBT	EKBPH020T + EKBPHPCBT		
	BHGP26A1 Digital pressure gauge kit – displays current condensing and evaporating pressures in the system as Standard, or expansion valve positions and temperature sensor data in a special service mode. Connect to the outdoor unit PCB, for installation in the outdoor unit.	●	●	●	1 kit per system	1 kit per system
Adapters	**External control adapter for outdoor unit** - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit*, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units				
	KRC19-26A Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.	●	●	●	1 kit per system	1 kit per system
	BRP2A81 Cool/heat selector PCB (required to connect KRC19-26A to VRV IV outdoor)		●	●	●	●
	KKSA26A560* - Cool/heat selector PCB mounting plate (only required when cool/heat selector PCB and Heater tape kit are combined)			●	●	●
Others	**KJB111A** Installation box for remote cool/heat selector KRC19-26A	●	●	●	1 kit per system	1 kit per system
	EKPCCAB3 VRV configurator		●	●	●	●
	KKSB2B61* Demand PCB mounting plate. Needed to mount Demand PCB for one or more outdoor units.			●		
	DTA109A51 DIII-net expander adapter	●	●	●	●	●

Refnets & branch selector boxes

		Refnet Joints				Refnet Headers	
		Capacity index < 200	Capacity index 200 ≤ x < 290	Capacity index 290 ≤ x < 640	Capacity index > 640	Capacity index < 290	Capacity index 290 ≤ x < 640
Refnets	Metric-size connections for heat pump systems (2-pipe)	KHRQM22M20T	KHRQM22M29T	KHRQM22M64T	KHRQM22M75T	KHRQM22M29H	KHRQM22M64H
	Imperial-size connections for heat recovery pump (2-pipe)	KHRQ22M20T	KHRQ22M29T9	KHRQ22M64T	KHRQ22M75T	KHRQ22M29H	KHRQ22M64H
	Metric-size connections for heat recovery systems (3-pipe)	KHRQM23M20T	KHRQM23M29T	KHRQM23M64T	KHRQM23M75T	KHRQM23M29H	KHRQM23M64H
	Imperial-size connections for heat recovery systems (3-pipe)	KHRQ23M20T	KHRQ23M29T9	KHRQ23M64T	KHRQ23M75T	KHRQ23M29H	KHRQ23M64H
Options for Branch selector boxes (BS box) (only for connection with VRV heat recovery system)	**EKBSVQLNP** Sound reduction kit (sound insulation)						
	KHFP26A100C Closed pipe kit						
	KHRP26A1250C Joint kit						
	Quiet kit						

VRV III-Q Heat Recovery Replacement VRV				VRV-W IV Water-cooled VRV				
					Heat Pump application		Heat Recovery application	
RQEQ 140~212	2-module systems	3-module systems	4-module systems	RWEYQ8-10T8	2-module systems	3-module systems	2-module systems	3-module systems
	BHFP26P36C	BHFP26P63C	BHFP26P84C		BHFQ22P1007	BHFQ22P1517	BHFQ23P907	BHFQ23P1357
KWC26B160	1 kit per module	1 kit per module	1 kit per module					
•	1 kit per system	1 kit per system	1 kit per system					
DTA104A53/61/62 Installation in the RWEYQ outdoor unit possible. For installation in indoor units, use appropriate type (DTA104A53/61/62) for particular indoor unit. See Options & Accessories of indoor units								
				•	1 kit per system	1 kit per system		
				•	1 kit per system	1 kit per system		
				•	1 kit per system	1 kit per system		
				•	•	•	•	•
•	•	•	•	•	•	•	•	•

	Heat Recovery Branch Selector Boxes (BS-Boxes)						
Capacity index	1-port	4-port	6-port	8-port	10-port	12-port	16-port
> 640	BS1Q-A	BS4Q14AV1	BS6Q14AV1	BS8Q14AV1	BS10Q14AV1	BS12Q14AV1	BS16Q14AV1
KHRQM22M75H							
KHRQ22M75H							
KHRQM23M75H							
KHRQ23M75H							
	•						
		•	•	•	•	•	•
		•	•	•	•	•	•
		KDDN26A4	KDDN26A8	KDDN26A8	KDDN26A12	KDDN26A12	KDDN26A16

Options & accessories - VRV indoor

		Ceiling mounted cassette units				
		Round flow (800x800)	4-way (600x600)	2-way blow		
		FXFQ 20~125A	FXZQ 15~50A	FXCQ 20~40A	FXCQ 50~63A	FXCQ 80 ~125A
Panels	Decoration panel (obligatory for cassette units, optional for others, rear panel for FXLQ)	BYCQ140DG (self clean) *5/*6 BYCQ140DGF (fine mesh) *5/*6 BYCQ140DW (white) *3 BYCQ140D7W1 (Standard)	BYFQ60CW (white panel) BYFQ60CS (grey panel) BYFQ60B3 (Standard panel)	BYBCQ40H	BYBCQ63H	BYBCQ125H
	Panel spacer for reducing required installation height		KDBQ44B60 (Standard panel)			
	Sealing kit for 3- or 2-directional air discharge	KDBHQ55B140 *7	BDBHQ44C60 (white & grey panel)			
	Sensor kit	BRYQ140A	BRYQ60AW (white panel) BRYQ60AS (grey panel)			
Individual control systems	Infrared remote control including receiver	BRC7FA532F	BRC7F530W *9*10 (white panel) BRC7F530S *9*10 (grey panel) BRC7EB530 *9*10 (standard panel)	BRC7C52	BRC7C52	BRC7C52
	BRC1E53A/B/C Premium wired remote control with full-text interface and back-light	●	●	●	●	●
	BRC1D52 *4 Standard wired remote control with weekly timer	●	●	●	●	●
	BRC2E52C Simplified remote control (with operation mode button)	●	●	●	●	●
	BRC3E52C Simplified remote control (without operation mode button)	●	●	●	●	●
Centralised control systems	**DCC601A51** Intelligent Tablet Controller	●	●	●	●	●
	DCS601C51 *12 intelligent Touch Controller	●	●	●	●	●
	DCS302C51 *12 Central remote control	●	●	●	●	●
	DCS301B51 *12 *13 Unified ON/OFF control	●	●	●	●	●
	DST301B51 *12 Schedule timer	●	●	●	●	●
Building management system + standard protocol interface	**DCM601A51** Intelligent Touch Manager	●	●	●	●	●
	EKMBDXA DIII-net modbus interface	●	●	●	●	●
	KLIC-DI KNX interface	●	●	●	●	●
	DMS502A51 BACnet interface	●	●	●	●	●
	DMS504B51 LowWorks interface	●	●	●	●	●
Filters	Replacement long life filter, non-woven type	KAFP551K160	KAFQ441BA60	KAFP531B50	KAFP531B80	KAFP531B160
	Auto cleaning filter	see decoration panel				
Adapters	Wiring adapter for external monitoring/control via dry contacts and setpoint control via 0-140Ω	KRP4A53 *2*7	KRP4A53 *2	KRP4A51	KRP4A51	KRP4A51
	Wiring adapter with 2 output signals (Compressor / Error, Fan output)	KRP1B57 *2*7	KRP1B57			
	Wiring adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)	EKRP1C11 *2*7	EKRP1B2	EKRP1B2	EKRP1B2	EKRP1B2
	Adapter for wiring (interlock for fresh air intake fan)					
	Wiring adapter for external central monitoring/control (controls 1 entire system)		KRP2A52	KRP2A51	KRP2A51	KRP2A51
	External control adapter for outdoor unit (installation on indoor unit)			DTA104A61	DTA104A61	DTA104A61
	Adapter for multi-tenant applications (24VAC PCB power supply interface)	DTA114A61	DTA114A61			
	Digital input adapter *2/11	BRP7A53	BRP7A53	BRP7A51	BRP7A51	BRP7A51
	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP1H98 *7	KRP1A101	KRP1C96	KRP1C96	KRP1C96
	External wired temperature sensor	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4
	K.RSS External wireless temperature sensor	●	●	●	●	●
	Connector for forced-off contact	Standard	Standard	Standard	Standard	Standard
Others	Multi zoning kit					
	Drain pump kit	Standard	Standard	Standard	Standard	Standard
	Fresh air intake kit	KDDQ55B140-1 + KDDQ55B140-2 *7*8	KDDQ44XA60			
	Air discharge adapter for round duct					
	Filter chamber for bottom suction			KDDFP53B50	KDDFP53B80	KDDFP53B160

*1 pump station is necessary for this option
*2 Installation box is necessary for these adapters
*3 The BYCQ140D7W1W has white insulation. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt"
*4 Not recommended because of the limitation of the functions
*5 To be able to control the BYCQ140D7GW1 the controller BRC1E is needed
*6 The BYCQ140DGW1 is not compatible with Multi and Split Non-Inverter Outdoor units
*7 Option not available in combination with BYCQ140D7GW1
*8 Both parts of the fresh air intake are needed for each unit
*9 Sensing function not available
*10 Independently controllable flaps function not available
*11 Only possible in combination with simplified remote control BRC2/3E
*12 When fixing box is required, use KJB212A, KJB311A or KJB411A depending on the size of the controller
*13 Option KEK26-1A (Noise filter) is required when installing DCS301B51

		Concealed ceiling units (duct units)						
Corner (1-way blow)		Small	Slim	Standard				
FXKQ 25~40MA	FXKQ 63MA	FXDQ 20~25 M9	FXDQ 15~63A	FXSQ 15~32A	FXSQ 40~50A	FXSQ 63~80A	FXSQ 100~125A	FXSQ 140A
BYK45F	BYK71F							
BRC4C61	BRC4C61	BRC4C62	BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC4C65
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
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•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
KRP4A51	KRP4A51	KRP4A51	KRP4A54	KRP4A52*2	KRP4A52*2	KRP4A52*2	KRP4A52*2	KRP4A52*2
KRP1B61	KRP1B61	EKRP1B2	KRP1B56	EKRP1B2*2	EKRP1B2*2	EKRP1B2*2	EKRP1B2*2	EKRP1B2*2
KRP2A51	KRP2A51	KRP2A51	KRP2A53	KRP2A51*2	KRP2A51*2	KRP2A51*2	KRP2A51*2	KRP2A51*2
DTA104A61	DTA104A61	DTA104A61	DTA104A53	DTA104A61	DTA104A61	DTA104A61	DTA104A61	DTA104A61
		EKMTAC	DTA114A61	DTA114A61	DTA114A61	DTA114A61	DTA114A61	DTA114A61
BRP7A51	BRP7A51	BRP7A54	BRP7A54	BRP7A51	BRP7A51	BRP7A51	BRP7A51	BRP7A51
			KRP1B101	KRP1BA101/ KRP1B100	KRP1BA101/ KRP1B100	KRP1BA101/ KRP1B100	KRP1BA101/ KRP1B100	KRP1BA101/ KRP1B100
KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4
•	•	•	•	•	•	•	•	•
Standard	Standard	Standard		Standard	Standard	Standard	Standard	Standard
Standard	Standard	KDAJ25K56	Standard	Standard	Standard	Standard	Standard	Standard
				KDAP25A36A	KDAP25A56A	KDAP25A71A	KDAP25A140A	

		Concealed ceiling units (duct units)				
		High efficiency		Large		
		FXMQ 50~80	FXMQ 100~125	FXMQ 200~250	FXTQ50~63	FXTQ80~100
Panels	Decoration panel (obligatory for cassette units, optional for others, rear panel for FXLQ)					
	Panel spacer for reducing required installation height					
	Sealing kit for 3- or 2-directional air discharge					
	Sensor kit					
Individual control systems	Infrared remote control including receiver	BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC4C65
	BRC1E53A/B/C Premium wired remote control with full-text interface and back-light	•	•	•	•	•
	BRC1D52 *4 Standard wired remote control with weekly timer	•	•	•	•	•
	BRC2E52C Simplified remote control (with operation mode button)	•	•	•	•	•
	BRC3E52C Simplified remote control (without operation mode button)	•	•	•	•	•
Centralised control systems	**DCC601A51** Intelligent Tablet Controller	•	•	•	•	•
	DCS601C51 *12 intelligent Touch Controller	•	•	•	•	•
	DCS302C51 *12 Central remote control	•	•	•	•	•
	DCS301B51 *12 *13 Unified ON/OFF control	•	•	•	•	•
	DST301B51 *12 Schedule timer	•	•	•	•	•
Building management system + standard protocol interface	**DCM601A51** Intelligent Touch Manager	•	•	•	•	•
	EKMBDXA DIII-net modbus interface	•	•	•	•	•
	KLIC-DI KNX interface	•	•	•		
	DMS502A51 BACnet interface	•	•	•	•	•
	DMS504B51 LowWorks interface	•	•	•	•	•
Filters	Replacement long life filter, non-woven type					
	Auto cleaning filter					
Adapters	Wiring adapter for external monitoring/control via dry contacts and setpoint control via 0-140Ω	KRP4A51	KRP4A51	KRP4A51	KRP4A52 *2	KRP4A51
	Wiring adapter with 2 output signals (Compressor / Error, Fan output)					
	Wiring adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)	EKRP1B2	EKRP1B2	KRP1B61	EKRP1B2 *2	KRP1B61
	Adapter for wiring (interlock for fresh air intake fan)					
	Wiring adapter for external central monitoring/control (controls 1 entire system)	KRP2A51	KRP2A51	KRP2A51	KRP2A51 *2	KRP2A51
	External control adapter for outdoor unit (installation on indoor unit)	DTA104A61	DTA104A61	DTA104A61	DTA104A61	DTA104A61
	Adapter for multi-tenant applications (24VAC PCB power supply interface)	DTA114A61	DTA114A61		DTA114A61	
	Digital input adapter *2/11	BRP7A51	BRP7A51	BRP7A51	BRP7A51	BRP7A51
	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP4A96	KRP4A96		KRP1BA101 / KRP1B100	
	External wired temperature sensor	KRCS014	KRCS014	KRCS011	KRCS014	KRCS011
	K.RSS External wireless temperature sensor	•	•	•	•	•
	Connector for forced-off contact	Standard	Standard	Standard	Standard	Standard
Others	Multi zoning kit					
	Drain pump kit	Standard	Standard		Standard	
	Fresh air intake kit					
	Air discharge adapter for round duct	KDAJ25K71	KDAJ25K140		KDAP25A140A	
	L-type piping kit (for upward direction)					

*1 pump station is necessary for this option
*2 Installation box is necessary for these adapters
*3 The BYCQ140D7W1W has white insulation. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt"
*4 Not recommended because of the limitation of the functions
*5 To be able to control the BYCQ140D7GW1 the controller BRC1E is needed
*6 The BYCQ140DGW1 is not compatible with Multi and Split Non-Inverter Outdoor units
*7 Option not available in combination with BYCQ140D7GW1
*8 Both parts of the fresh air intake are needed for each unit
*9 Sensing function not available
*10 Independently controllable flaps function not available
*11 Only possible in combination with simplified remote control BRC2/3E
*12 When fixing box is required, use KJB212A, KJB311A or KJB411A depending on the size of the controller
*13 Option KEK26-1A (Noise filter) is required when installing DCS301B51

Ceiling suspended units				Wall mounted units	Floor standing units			
1-way blow			4-way blow		Concealed	Free-standing		
FXHQ 32A	FXHQ 63A	FXHQ 71~100A	FXUQ 71~100A	FXAQ 15~63	FXNQ 20~63	FXLQ 20~25	FXLQ 32~40	FXLQ 50~63
						EKRDP25A	EKRDP40A	EKRDP63A
			KDBHP49B140 + KDBTP49B140					
BRC7G53	BRC7G53	BRC7G53	BRC7C58	BRC7EB518	BRC4C65	BRC4C65	BRC4C65	BRC4C65
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
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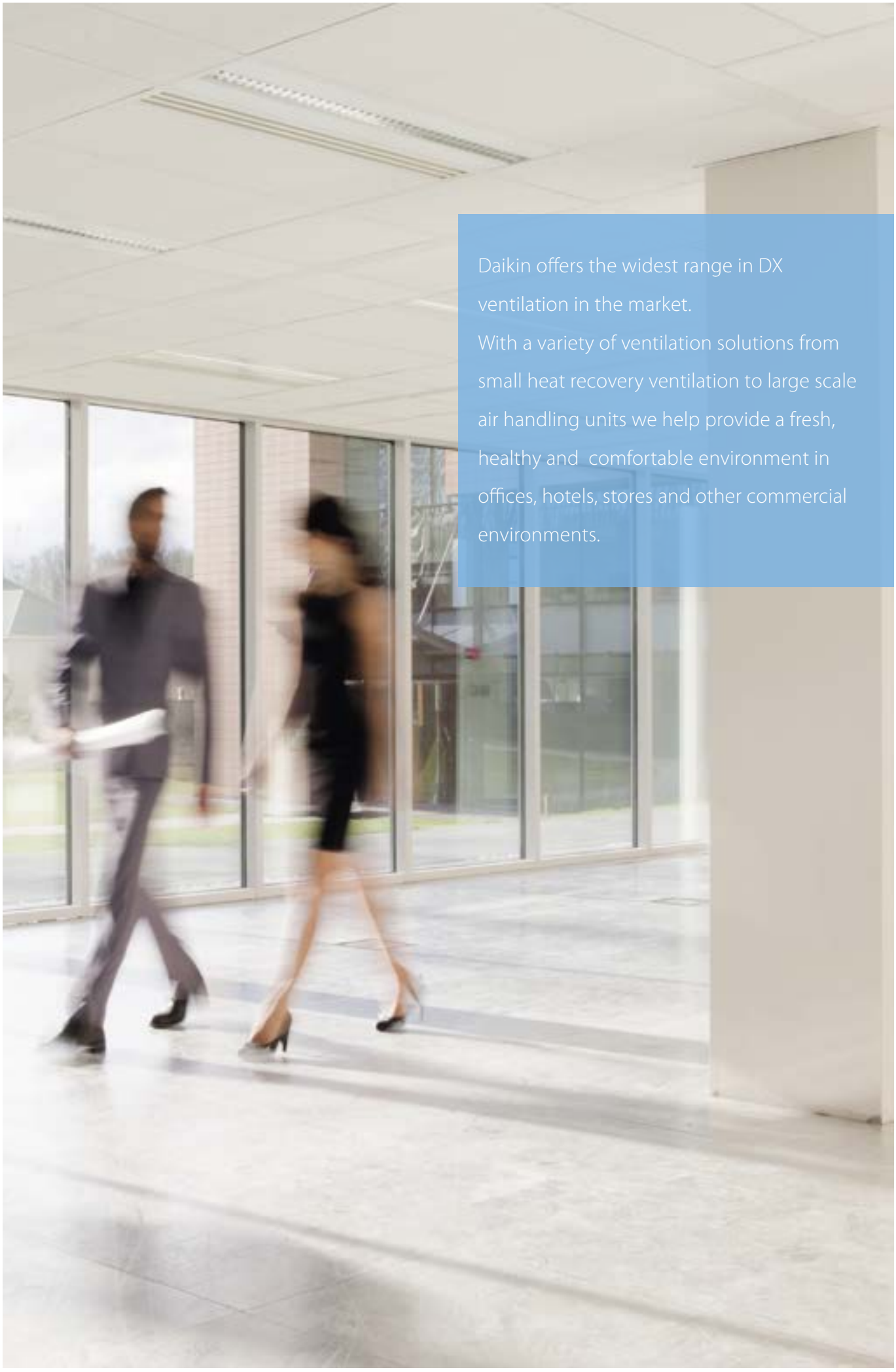
KAFP501A56	KAFP501A80	KAFP501A160	KAFP551K160					
KRP4A52	KRP4A52	KRP4A52	KRP4A53 *2	KRP4A51	KRP4A54	KRP4A51	KRP4A51	KRP4A51
KRP1B54	KRP1B54	KRP1B54						
					KRP1B56	KRP1B61	KRP1B61	KRP1B61
KRP2A62	KRP2A62	KRP2A62		KRP2A51	KRP2A53	KRP2A51	KRP2A51	KRP2A51
DTA104A62	DTA104A62	DTA104A62		DTA104A61				
				DTA114A61	DTA114A61	EKMTAC	EKMTAC	EKMTAC
BRP7A52	BRP7A52	BRP7A52	BRP7A53	BRP7A51	BRP7A51	BRP7A51	BRP7A51	BRP7A51
KRP1D93A	KRP1D93A	KRP1D93A	KRP1B97	KRP4A93				
KRCS014	KRCS014	KRCS014	KRCS014	KRCS011	KRSC014	KRCS011	KRCS011	KRCS011
•	•	•	•	•	•	•	•	•
EKRORO4	EKRORO4	EKRORO4	EKRORO5	Standard	Standard	Standard	Standard	Standard
KDU50P60	KDU50P140	KDU50P140		KKDU572EVE				
KDDQ50A140	KDDQ50A140	KDDQ50A140						
KHFP5M35	KHFP5N63	KHFP5N160						

	HXY080-125A8	HXHD125-200A8
Drain pan	EKHBDPCA2	-
Digital I/O PCB	EKRP1HBAA	-
Demand PCB - Required to connect room thermostat	EKRP1AHTA	-
Remote user interface (remocon) - Same controller as supplied with cascade unit can be mounted parallel or on other location. If 2 controllers are installed, the installer needs to select 1 master & 1 slave	EKRUAHTB	-
Back-up heater	EKBUHA A6(W1/V3)	-
Wired room thermostat - Requires demand PCB EKRP1AHTA	EKRTWA	-
Wireless room thermostat - Requires demand PCB EKRP1AHTA	EKRTR1	-
Remote sensor for room thermostat - Requires demand PCB EKRP1AHTA	EKRTETS	-
Domestic hot water tank - standard (stacked on top of hydrobox)	-	EKHTS200AC EKHTS260AC
Domestic hot water tank - with possibility for solar connection	-	EKHWP500B
Solar collector *1	-	EKSV26P (vertical) EKSH26P (horizontal)
Pump station	-	EKSRPS



Daikin offers the widest range in DX ventilation in the market.
With a variety of ventilation solutions from small heat recovery ventilation to large scale air handling units we help provide a fresh, healthy and comfortable environment in offices, hotels, stores and other commercial environments.

Ventilation & biddle air curtains

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For latest data, please consult my.daikin.eu

CYV Biddle air curtain

VAM - Heat reclaim ventilation

Daikin air handling unit and ERQ/VRV plug & play connection

Daikin offers a variety of solutions for fresh air

from small heat recovery ventilation to large-scale air handling units for the provision of fresh air ventilation to homes, or commercial outlets such as offices, hotels, stores and others.

Ventilation solutions

Daikin offers state-of-the-art ventilation solutions that can easily be integrated into any project.

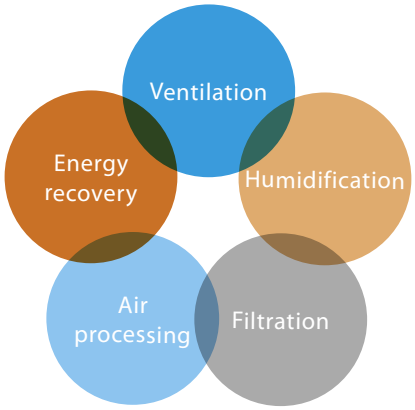
› Unique portfolio within DX manufacturers
› High-quality solutions complying with the highest Daikin quality standards
› Seamless integration of all products to provide the best indoor climate
› All Daikin products connected to a single control total control of the HVAC system.

Heat Reclaim Ventilation - Ventilation with heat recovery as standard

Proper ventilation is a key component of climate control in buildings, offices and shops and part of the EU requirements. Our heat recovery units can **recover both sensible and latent heat** thus substantially **reducing the air conditioning load of up to 40%.** The range starts from as low as 150 m³/h to 2500 m³/h (VAM) and go up to 25000 m³/h (Modular AHU).

Ventilation with DX connection - Control over fresh air temperature

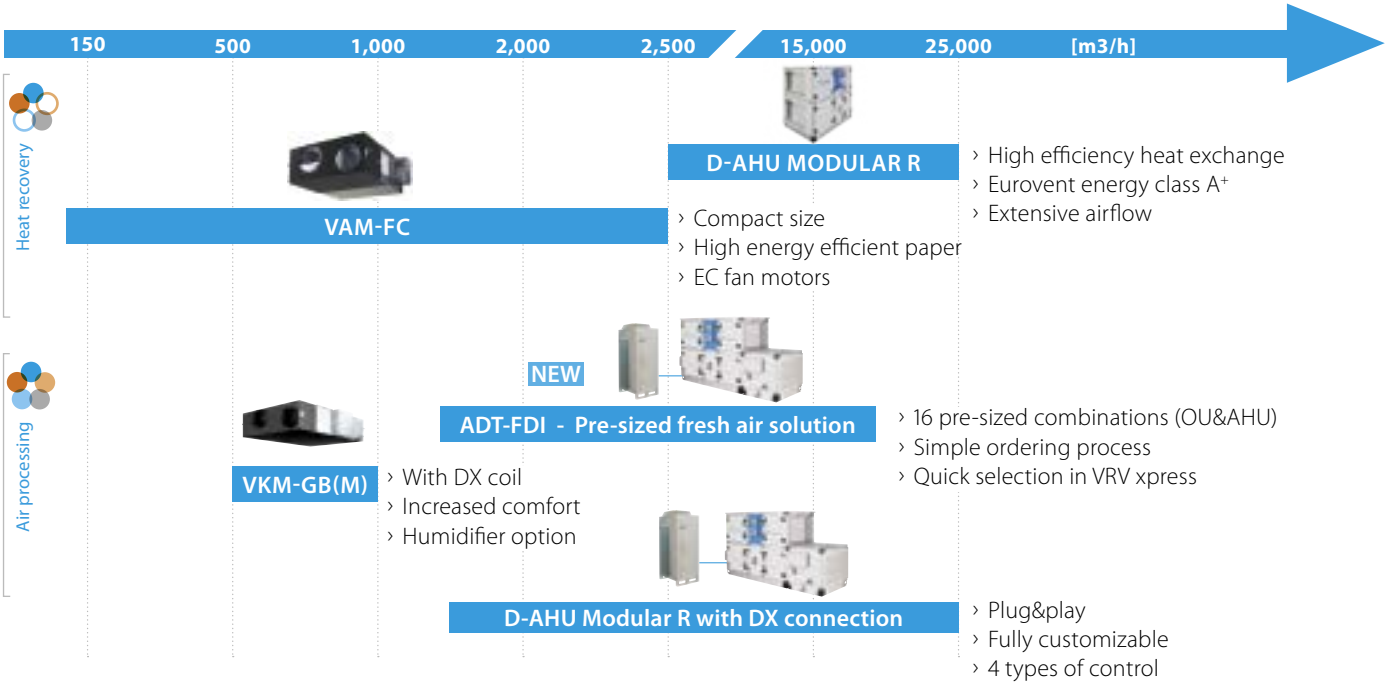
Daikin offers a range of R-410A inverter condensing units to be used in combination with Daikin AHUs for ultimate control over the fresh air. There are 4 control possibilities when **combining AHU and Daikin outdoor units** hence offering all the required flexibility for any installation. Indoor units can be combined to the same outdoor unit to reduce the installation costs. For **false-ceiling installations** where space is a constraint, the VKM can fit perfectly to deliver fresh air at a comfortable temperature and it has an optional humidification element.



Five components of indoor air quality

› **Ventilation:** ensures the provision of fresh air
› **Energy recovery:** recovers heat and moisture from the outgoing air to maximise comfort and efficiency
› **Air processing:** heats or cools incoming fresh air maximising comfort and minimising the load on the air conditioning installation
› **Humidification:** optimises the balance between indoor and outdoor humidity
› **Filtration:** removes dust, pollution and odours from the air

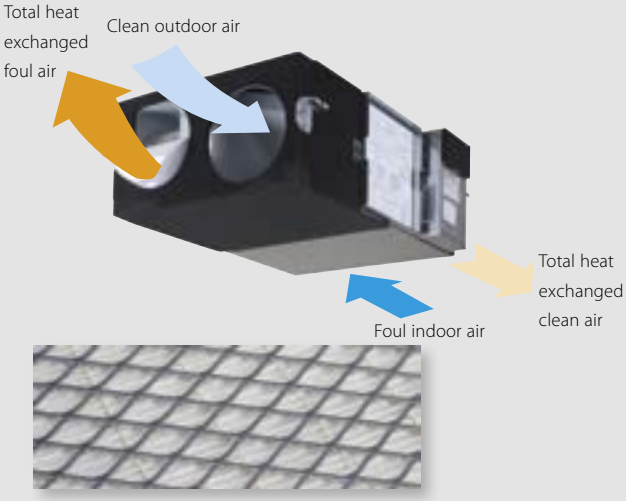
Fresh air portfolio



Heat reclaim ventilation

Ventilation with heat recovery as standard

- Energy saving ventilation using indoor heating, cooling and moisture recovery
- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Free cooling possible when outdoor temperature is below indoor temperature (eg. during nighttime)
- Reduced energy consumption thanks to specially developed DC fan motor
- Prevent energy losses from over-ventilation while improving indoor air quality with optional CO2 sensor
- Can be used as stand alone or integrated in the Sky Air or VRV system
- Wide range of units: air flow rate from 150 up to 2,000 m^3/h
- Optional medium and fine dust filters M6, F7, F8 to meet customer request or legislation
- Shorter installation time thanks to easy adjustment of nominal air flow rate, so less need for dampers compared with traditional installation.
- Specially developed heat exchange element with High Efficiency Paper (HEP)



- No drain piping needed
- Can operate in over- and under pressure
- Total solution for fresh air with Daikin supply of both VAM / VKM and electrical heaters

Ventilation				VAM	150FC	250FC	350FC	500FC	650FC	800FC	1000FC	1500FC	2000FC
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high/High/Low	kW	0.132/0.111/0.058	0.161/0.079/0.064	0.071 (1)/0.057 (1)/0.020 (1)	0.147 (1)/0.101 (1)/0.049 (1)	0.188 (1)/0.114 (1)/0.063 (1)	0.320 (1)/0.241 (1) / 0.185 (1)	0.360 (1)/0.309 (1) /0.198 (1)	0.617 (1)/0.463 (1) /0.353 (1)	0.685 (1)/0.575 (1) /0.295 (1)
	Bypass mode	Nom.	Ultra high/High/Low	kW	0.132/0.111/0.058	0.161/0.079/0.064	0.071 (1)/0.057 (1)/0.020 (1)	0.147 (1)/0.101 (1)/0.049 (1)	0.188 (1)/0.114 (1)/0.063 (1)	0.320 (1)/0.241 (1)/0.185 (1)	0.360 (1)/0.309 (1)/0.198 (1)	0.617 (1)/0.463 (1)/0.353 (1)	0.685 (1)/0.575 (1)/0.295 (1)
Temperature exchange efficiency - 50Hz	Ultra high/High/Low			%	77.0 (2) / 72.0 (3) / 78.3 (2) / 72.3 (3) /82.8 (2) /73.2 (3)	74.9 (2) / 69.5 (3) / 76.0 (2) / 70.0 (3) / 80.1 (2) / 72.0 (3)	78.0 (2) / 71.6 (4) / 79.3 (2) / 71.9 (4) / 84.1 (2) / 73.0 (4)	77.0 (2) / 70.2 (4) / 78.8 (2) / 70.7 (4) / 80.9 (2) / 71.3 (4)	77.0 (2) / 69.8 (4) / 79.1 (2) / 71.2 (4) / 81.1 (2) / 72.9 (4)	77.0 (2) / 67.8 (4) / 78.2 (2) / 68.8 (4) / 79.1 (2) / 69.6 (4)	78.0 (2) / 70.2 (4) / 78.6 (2) / 71.1 (4) / 80.2 (2) / 73.4 (4)	78.0 (2) / 69.5 (4) / 79.6 (2) / 70.3 (4) / 80.8 (2) / 71.0 (4)	78.0 (2) / 70.2 (4) / 79.6 (2) / 71.3 (4) / 80.6 (2) / 74.6 (4)
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high/High/Low		%	60.3 (2)/61.9 (2)/ 67.3 (2)	60.3 (2)/61.2 (2)/ 64.5 (2)	63.4 (2)/65.0 (2)/ 70.7 (2)	60.3 (2)/63.4 (2)/ 66.9 (2)	60.3 (2)/64.0 (2)/ 67.3 (2)	62.4 (2)/63.6 (2)/ 64.6 (2)	63.4 (2)/64.2 (2)/ 66.3 (2)	63.4 (2)/65.0 (2)/ 66.2 (2)	63.4 (2)/64.5 (2)/ 67.8 (2)
	Heating	Ultra high/High/Low		%	66.6 (2)/67.9 (2)/ 72.4 (2)	66.6 (2)/67.4 (2)/ 70.7 (2)	67.6 (2)/68.9 (2)/ 73.7 (2)	64.5 (2)/67.6 (2)/ 71.1 (2)	65.5 (2)/67.7 (2)/ 69.7 (2)	67.6 (2)/68.8 (2)/ 69.8 (2)	68.6 (2)/69.4 (2)/ 71.5 (2)	68.6 (2)/69.7 (2)/ 70.5 (2)	68.6 (2)/69.5 (2)/ 72.1 (2)
Operation mode					Heat exchange mode, bypass mode, fresh-up mode								
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange								
Heat exchange element					Specially processed non-flammable paper								
Dimensions	Unit	HeightxWidthxDepth		mm	285x776x525		301x828x816		364x1,000x868		364x1,000x1,160	726x1,510x868	726x1,510x1,160
Weight	Unit			kg	24.0		33.0		51.0	54.0	63.0	128	145
Casing	Material				Galvanised steel plate								
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high/High/Low		m^3/h	150 (5)/140 (5)/105 (5)	250 (5)/230 (5)/155 (5)	350 (1)/320 (1)/210 (1)	500 (1)/410 (1)/310 (1)	650 (1)/545 (1)/450 (1)	800 (1)/725 (1)/665 (1)	1,000 (1)/950 (1)/820 (1)	1,500 (1)/1,350 (1)/1,230 (1)	2,000 (1)/1,880 (1) /1,500 (1)
	Bypass mode	Ultra high/High/Low		m^3/h	150 (5)/140 (5)/105 (5)	250 (5)/230 (5)/155 (5)	350 (1)/320 (1)/210 (1)	500 (1)/410 (1)/310 (1)	650 (1)/545 (1)/450 (1)	800 (1)/725 (1)/665 (1)	1,000 (1)/950 (1)/820 (1)	1,500 (1)/1,350 (1)/1,230 (1)	2,000 (1)/1,880 (1) /1,500 (1)
Fan-External static pressure - 50Hz	Ultra high/High/Low			Pa	90 (5)/87 (5)/ 40 (5)	70 (5)/63 (5)/ 25 (5)	103 (1)/93 (1)/ 51 (1)	83 (1)/57 (1)/ 35 (1)	100 (1)/73 (1)/ 49 (1)	109 (1)/94 (1)/ 78 (1)	147 (1)/135 (1)/ 100 (1)	116 (1)/97 (1)/ 80 (1)	132 (1)/118 (1)/ 77 (1)
Air filter	Type				Multidirectional fibrous fleeces								
Sound pressure level - 50Hz	Heat exchange mode	Ultra high/High/Low		dBA	27.0/26.0/20.5	28.0/26.0/21.0	32.0/31.5/23.5	33.0/31.5/24.5	34.5/33.0/27.0	36.0/34.5/31.0	36.0/35.0/31.0	39.5/38.0/34.0	40.0/38.0/35.0
	Bypass mode	Ultra high/High/Low		dBA	27.0/26.5/20.5	28.0/27.0/21.0	32.0/31.0/24.5	33.5/32.5/25.5	34.5/34.0/27.0	36.0/34.5/31.0	36.0/35.5/31.0	40.5/38.0/33.5	40.0/38.0/35.0
Operation range	Min.			°CDB	-15								
	Max.			°CDB	50								
	Relative humidity			%	80% or less								
Connection duct diameter				mm	100	150		200		250		350	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220								
Current	Maximum fuse amps (MFA)			A	15.0		16.0						
Specific energy consumption (SEC)	Cold climate			kWh/(m^2.a)	-56.0 (6)	-60.5 (6)	-						
	Average climate			kWh/(m^2.a)	-22.1 (6)	-27.0 (6)	-						
	Warm climate			kWh/(m^2.a)	-0.100 (6)	-5.30 (6)	-						
SEC class					D / (6)	B / (6)	-						
Maximum flow rate at 100 Pa ESP	Flow rate			m^3/h	130 (5)	207 (5)	-						
	Electric power input			W	129	160	-						
Sound power level (Lwa)				dB	40	43	48	50	51	53		55	57
Annual electricity consumption				kWh/a	18.9 (6)	13.6 (6)	-						
Annual heating saved	Cold climate			kWh/a	41.0 (6)	40.6 (6)	-						
	Average climate			kWh/a	80.2 (6)	79.4 (6)	-						
	Warm climate			kWh/a	18.5 (6)	18.4 (6)	-						

(1) Measured on fan curve 15. Refer to fan curves. (2) Measured according to JIS B 8628 (3) Measured at reference flow rate according to EN13141-7 (4) Measured according to EN308 : 1997 (5) Clean the filter when the filter icon appears on the controller screen. Regular filter cleaning is important for delivered air quality and for the unit's energy efficiency. (6) In accordance with commission regulation (EU) No 1254/2014 | In accordance with commission regulation (EU) No 1253/2014 | At reference flow rate in accordance with commission regulation (EU) No 1254/2014

VH

- Total solution for fresh air with Daikin supply of both VAM and electrical heaters
- Increased comfort in low outdoor temperature thanks to the heated outdoor air
- Integrated electrical heater concept (no additional accessories required)
- Standard dual flow and temperature sensor
- Flexible setting with adjustable setpoint
- Increased safety with 2 cut-outs: manual & automatic
- BMS integration thanks to:
  - Volt free relay for error indication
  - 0-10VDC input for setpoint control

ELECTRICAL HEATER FOR VAM VH	(VH)
Supply voltage	220/250V ac 50/60 Hz. +/-10%
Output current (maximum)	19A at 40°C (ambient)
Temperature sensor	5k ohms at 25°C (table 502 1T)
Temperature control range	0 to 40°C / (0-10V 0-100%)
Control fuse	20 x 5mm 250mA
LED indicators	Power ON - Yellow Heater ON - Red (solid or flashing, indicating pulsed control) Airflow fault - Red
Mounting holes	98mm x 181mm centres 5 mm ø holes
Maximum ambient adjacent to terminal box	35°C (during operation)
Auto high temp. cutout	100°C Pre-set
Man. reset high temp. cutout	125°C Pre-set
Run relay	1A 120V AC or 1A 24V DC
BMS setpoint input	0-10VDC

VH		1B	2B	3B	4B	4/AB	5B
Capacity	kW	1	1	1	1.5	2.5	2.5
Duct diameter	mm	100	150	200	250	250	300
Connectable VAM		VAM150FC	VAM250FC	VAM500FC	VAM800FC	VAM800FC	VAM1500FC
		-	VAM350FC	VAM650FC	VAM1000FC	VAM1000FC	VAM2000FC

For the selection of the appropriate capacity, please refer to the VAM selection software.

Heat reclaim ventilation, humidification and air processing

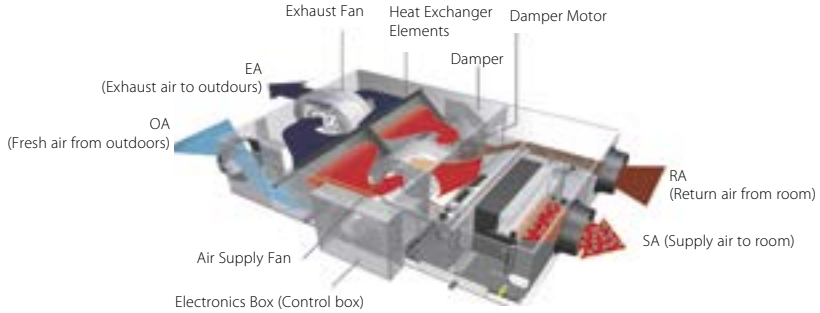
Pre heating or cooling of fresh air for lower load on the air conditioning system

- Energy saving ventilation using indoor heating, cooling and moisture recovery
- Creates a high quality indoor environment by pre conditioning incoming fresh air
- Humidification of the incoming air results in comfortable indoor humidity level, even during heating
- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Free cooling possible when outdoor temperature is below indoor temperature (eg. during nighttime)
- Low energy consumption thanks to DC fan motor
- Prevent energy losses from over-ventilation while improving indoor air quality with optional CO2 sensor
- Shorter installation time thanks to easy adjustment of nominal air flow rate, so less need for dampers compared with traditional installation.

VKM80-100GB(M)

- Specially developed heat exchange element with High Efficiency Paper (HEP)
- Can operate in over- and under pressure

Operation example: humidification & air processing (heating mode)[1]



Ventilation			VKM-GB/VKM-GBM		50GB	80GB	100GB	50GBM	80GBM	100GBM
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high/ High/Low	kW	0.270/0.230/ 0.170	0.330/0.280/ 0.192	0.410/0.365/ 0.230	0.270/0.230/ 0.170	0.330/0.280/ 0.192	0.410/0.365/ 0.230
	Bypass mode	Nom.	Ultra high/ High/Low	kW	0.270/0.230/ 0.140	0.330/0.280/ 0.192	0.410/0.365/ 0.230	0.270/0.230/ 0.170	0.330/0.280/ 0.192	0.410/0.365/ 0.230
Fresh air conditioning load	Cooling			kW	4.71 / 1.91 / 3.5	7.46 / 2.96 / 5.6	9.12 / 3.52 / 7.0	4.71 / 1.91 / 3.5	7.46 / 2.96 / 5.6	9.12 / 3.52 / 7.0
	Heating			kW	5.58 / 2.38 / 3.5	8.79 / 3.79 / 5.6	10.69 / 4.39 / 7.0	5.58 / 2.38 / 3.5	8.79 / 3.79 / 5.6	10.69 / 4.39 / 7.0
Temperature exchange efficiency - 50Hz	Ultra high/High/Low			%	76/76/77.5	78/78/79	74/74/76.5	76/76/77.5	78/78/79	74/74/76.5
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high/High/Low		%	64/64/67	66/66/68	62/62/66	64/64/67	66/66/68	62/62/66
	Heating	Ultra high/High/Low		%	67/67/69	71/71/73	65/65/69	67/67/69	71/71/73	65/65/69
Operation mode					Heat exchange mode / Bypass mode / Fresh-up mode					
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange					
Heat exchange element					Specially processed non-flammable paper					
Humidifier	System				-			Natural evaporating type		
Dimensions	Unit	HeightxWidthxDepth		mm	387x1,764x832	387x1,764x1,214		387x1,764x832	387x1,764x1,214	
Weight	Unit			kg	94	110	112	100	119	123
Casing	Material				Galvanised steel plate					
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high/High/Low		m^3/h	500/500/440	750/750/640	950/950/820	500/500/440	750/750/640	950/950/820
	Bypass mode	Ultra high/High/Low		m^3/h	500/500/440	750/750/640	950/950/820	500/500/440	750/750/640	950/950/820
Fan-External static pressure - 50Hz	Ultra high/High/Low			Pa	210/170/140	210/160/110	150/100/70	200/150/120	205/155/105	110/70/60
Air filter	Type				Multidirectional fibrous fleeces					
Sound pressure level - 50Hz	Heat exchange mode	Ultra high/High/Low		dBA	39/37/35	41.5/39/37	41/39/36.5	38/36/34	40/37.5/35.5	40/38/35.5
	Bypass mode	Ultra high/High/Low		dBA	40/38/35.5	41.5/39/37	41/39/36.5	39/36/34.5	41/38/36	41/39/35.5
Operation range	Around unit			°CDB	0°C~40°CDB, 80% RH or less					
	Supply air			°CDB	-15°C~40°CDB, 80% RH or less					
	Return air			°CDB	0°C~40°CDB, 80% RH or less					
	On coil temperature	Cooling/Max./Heating/Min.		°CDB	-15/43			-15/43		
Refrigerant	Control				Electronic expansion valve					
	Type				R-410A					
	GWP				2,087.5					
Connection duct diameter				mm	200	250		200	250	
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	12.7					
	Water supply			mm	-			6.4		
	Drain				PT3/4 external thread					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240					
Current	Maximum fuse amps (MFA)			A	15					

Daikin air handling units solutions

You will find your match

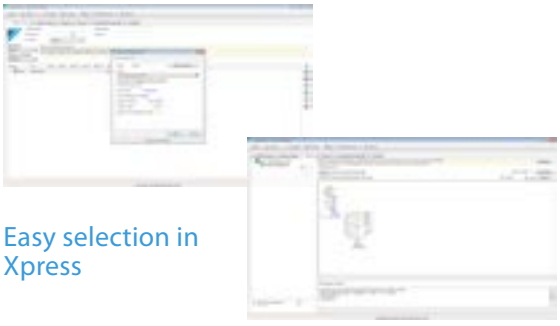
Why choose Daikin air handling units with a DX connection?

Simplifying business

The unique total solution approach by Daikin helps businesses to propose better cross-pillar solutions, to increase their success ratio by providing unmatchable product combinations to the end-user and to simplify the life of installers by supplying high-quality products coming from the same manufacturer. Contrary to other manufacturers, Daikin does not use OEM products in its AHU with DX offer. Many competitors are either offering OEM DX outdoor units or OEM AHU which create additional problems when warranties or faults arise.
Having a single interface for your business makes Daikin the right choice.

Supporting tools

Selecting an AHU in combination with a DX unit has never been this easy amongst manufacturers. The well known VRV xpress selection software has been modified to integrate pre-sized AHU combinations with DX outdoor units or just to select outdoor units connected to expansion valve kits.
If a more complex selection is required, then the new Astra web can be utilized to make unique tailor-made solutions for any project requirements.



Easy selection in Xpress

One stop shop

Daikin is the only global manufacturer in the market **capable of offering a true plug & play solution** where Daikin AHUs manufactured by Daikin Applied Europe and certified by Eurovent, offer off-the-shelf compatibility with Daikin's unique VRV outdoor unit range for the best performance in the market.
This unique integration of cross-pillar products under the same umbrella, gives the costumer both peace-of-mind and added value when promoting a total solution approach.

Complete range of possibilities

Thanks to the **most complete offer in the market**, Daikin has the solution for all types of commercial applications requiring fresh air. Daikin provides ventilation solutions based on AHU from 2,500 m^3/h up to 140,000 m^3/h either with natural heat recovery or more advanced ventilation solutions where a VRV outdoor unit can be connected to the Daikin AHU for ultimate climate control. The harmonized control between the VRV outdoor unit and the AHU offer outstanding 24h/7 control of the system when connected to an iTM.

Advantages

- Unique manufacturer offering a complete range
- Plug&play solution
- Direct iTM compatibility
- VRV xpress supporting AHU business **NEW**
- Pre-sized AHU+DX outdoor units for fresh air **NEW**

New pre-sized fresh air solution

Making life easier for consultants, installers and end-users through thanks to Daikin's new fresh air solution

Easy selection

› 16 pre-selected combinations – to cover all fresh air needs in Europe
› The right outdoor unit and the necessary connection kits to the coil of the AHU are factory mounted and configured.
› Total solution – Daikin provides the complete solution

Fast quotation

› Select as any other unit in Xpress selection software and show the solution in the report

Download Xpress now with the new pre-sized combination from my.daikin.eu

Easy ordering

› AHU and outdoor unit are automatically selected in VRV xpress

Easy installation

› Same pipe diameter from AHU to outdoor unit
› Direct integration in Intelligent Manager

More details in the dedicated brochure

Pre-sized fresh air solution

High end ventilation with heat recovery

- Pre-sized making selection, quotation, ordering easy
- Connects direclty to pre-selected Daikin DX outdoor units
- IE premium effciency motor
- High effciency heat wheel (heat recovery)
- Compact design
- Indoor air quality compliant with VDI hygiene guideline
- Operating limits from - 20°C up to +46 °C ambient temperature
- Direct integration in intelligent Touch Manager for monitoring and control

				ADT03FDI-80	ADT03FDI-100	ADT03FDI-125	ADT04FDI-125	ADT04FDI-140	ADT04FDI-200	ADT05FDI-200	ADT05FDI-250
Airflow	Nominal Air Flow valid for Cooling (1) and Heating(2)		m3/h	2,200	2,700	3,200	3,600	4,100	4,700	5,500	6,200
Expansion valve kit	Type			EKEXV80	EKEXV100	EKEXV125	EKEXV125	EKEXV140	EKEXV200	EKEXV200	EKEXV250
	Number			1							
Control box	Type			EKEQFCBA							
	Number			1							
Outdoor unit	Type			ERQ100AV1		ERQ125AV1		ERQ140AV1	ERQ200AW1		ERQ250AW1
	Number			1							
Energy Rating	Eurovent Energy Class			A+		A	A+		A	A+	A
	ERP Compliance			ErP 2018							
Heat Recovery Technology	Winter	Nom.	%	Sorption Heat Wheel							
Heat Recovery Technology	Winter	Nom.	%	81.5	79.2	76.9	81.1	79.6	77.8	79	77.4
ESP		Nom.	Pa	200							
SFPv		Nom.	W/(m3/s)	1,388	1,508	1,660	1,402	1,512	1,637	1,456	1,575
Supply Fan power input		Nom.	W	0.53	0.7	0.92	0.89	1.08	1.35	1.4	1.72
Filter class	Supply			F7+ F7							
	Extract			F7+ F7							
Dimensions	Unit	Height	mm	1,540			1740				
		Width	mm	2,500			2,620			2,780	
		Depth	mm	990			1,200			1,400	
Weight			Kg	549			659			840	
Total Power Input		Nom.	kW	1,55	2	2,3	2.25	2.63	3.15	3.25	3.86
Power supply	Electrical voltage		V/ph/Hz	230V/1Ph/50Hz	400V/3Ph/50Hz						
Door opening (following supply air direction)				Right							

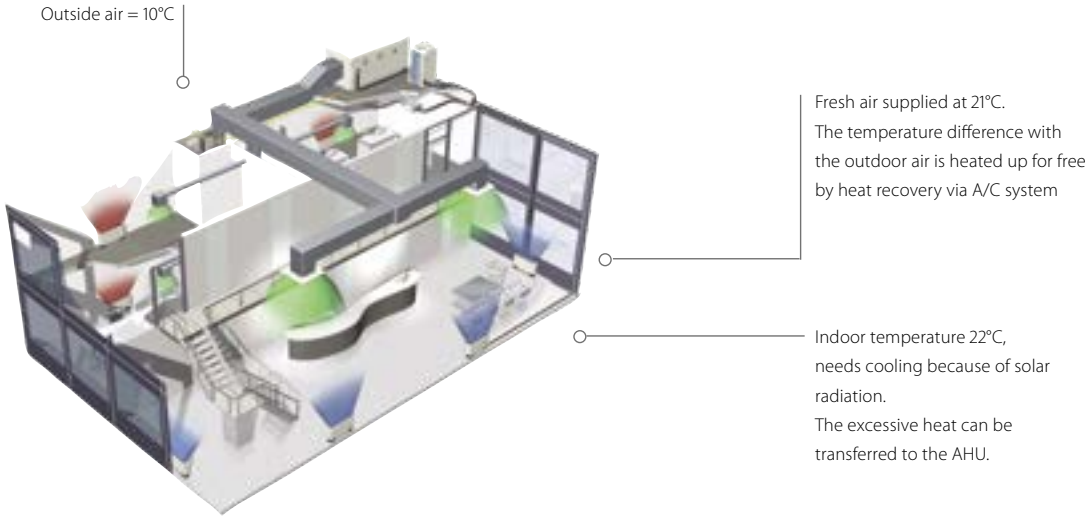
				ADT06FDI-250	ADT07FDI-250	ADT07FDI-140	ADT07FDI-200	ADT08FDI-200	ADT09FDI-200	ADT09FDI-250	ADT10FDI-250
Airflow	Nominal Air Flow valid for Cooling (1) and Heating(2)		m3/h	6,900	7,400	8,000	8,700	10,000	11,500	13,200	14,900
Expansion valve kit	Type			EKEXV250		EKEXV140	EKEXV200			EKEXV250	EKEXV250
	Number			1		2					
Control box	Type			EKEQFCBA							
	Number			1		2					
Outdoor unit	Type			ERQ250AW1		ERQ140AV1	ERQ200AW1			ERQ250AW1	
	Number			1		2	2			2	
Energy Rating	Eurovent Energy Class			A	A+	A			A+	A	A+
	ERP Compliance			ErP 2018							
Heat Recovery Technology	Winter	Nom.	%	Sorption Heat Wheel							
Heat Recovery Technology	Winter	Nom.	%	77.9	80.2	79.3	78.1	78.4	79.7	77.9	80.2
ESP		Nom.	Pa	200							
SFPv		Nom.	W/(m3/s)	1,580	1,438	1,491	1,581	1,429	1,438	1,569	1,397
Supply Fan power input		Nom.	W	1.86	1.82	2.04	2.35	2.48	2.82	3.54	3.62
Filter class	Supply			F7+ F7							
	Extract			F7+ F7							
Dimensions	Unit	Height	mm	1920				2,180	2,460		2,570
		Width	mm	2,980	3,100			3,150	2,980		3,100
		Depth	mm	1,400	1,600			1940			2,300
Weight			Kg	887	1,063			1,489	1,594		1,973
Total Power Input		Nom.	kW	4.14	4.07	4.48	5.08	5.37	6.06	7.44	7.6
Power supply	Electrical voltage		V/ph/Hz	400V/3Ph/50Hz							
Door opening (following supply air direction)				Right							

(1) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m
(2) Heating: indoor temp. 20°CDB; outdoor temp. -15°CDB; equivalent refrigerant piping: 5m; level difference: 0m

Why use VRV and ERQ condensing units for connection to air handling units?

High Efficiency

Daikin heat pumps are renowned for their high energy efficiency. Integrating the AHU with a heat recovery system is even more effective since an office system can frequently be in cooling mode while the outdoor air is too cold to be brought inside in an unconditioned state. In this case heat from the offices is merely transferred to heat up the cold incoming fresh air.



Fast response to changing loads resulting in high comfort levels

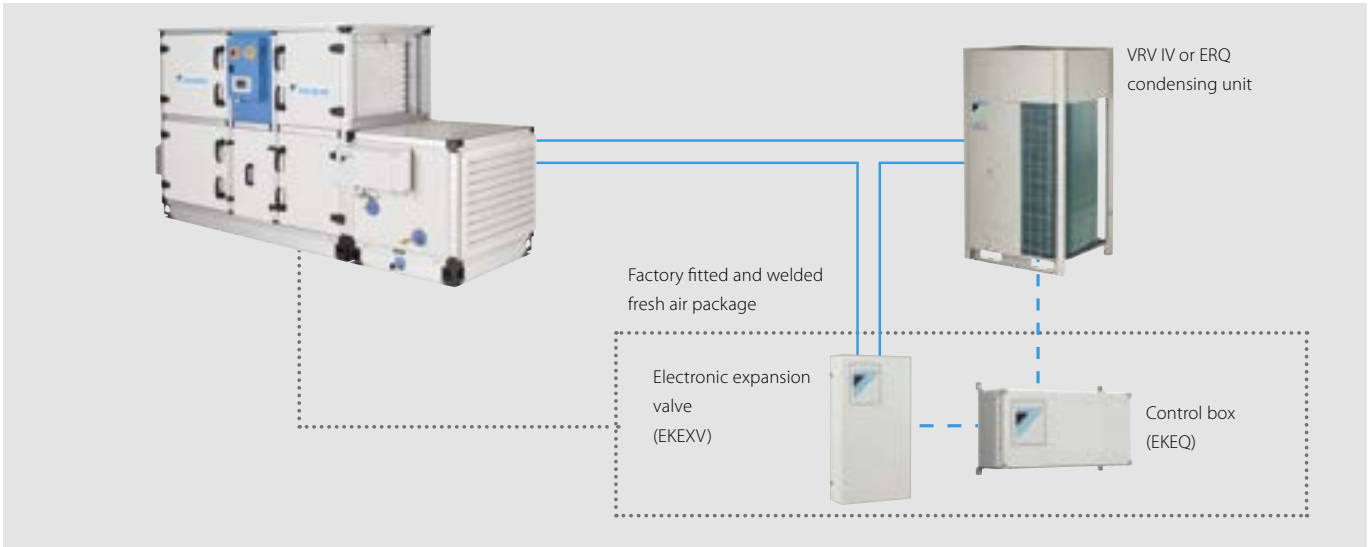
Daikin ERQ and VRV units respond rapidly to fluctuations in supply air temperature, resulting in a steady indoor temperature and resultant high comfort levels for the end user. The ultimate is the VRV range which improves comfort even more by offering continuous heating, also during defrost.

Easy Design and Installation

The system is easy to design and install since no additional water systems such as boilers, tanks and gas connections etc. are required. This also reduces both the total system investment and running cost.

Daikin Fresh air package

› If the pre-sized fresh air solution does not match the need.
› Plug & play connection between VRV/ERQ and the entire D-AHU modular range.
› Factory fitted and welded control and expansion valve kits.



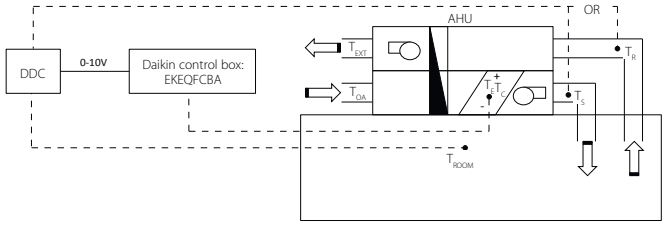
In order to maximise installation flexibility, 4 types of control systems are offered

W control: Off the shelf control of air temperature (discharge temperature, suction temperature, room temperature) via any DDC controller, easy to setup
X control: Precise control of air temperature (discharge temperature, suction temperature, room temperature) requiring a preprogrammed DDC controller (for special applications)

Z control: Control of air temperature (suction temperature, room temperature) via Daikin control (no DDC controller needed)
Y control: Control of refrigerant (Te/Tc) temperature via Daikin control (no DDC controller needed)

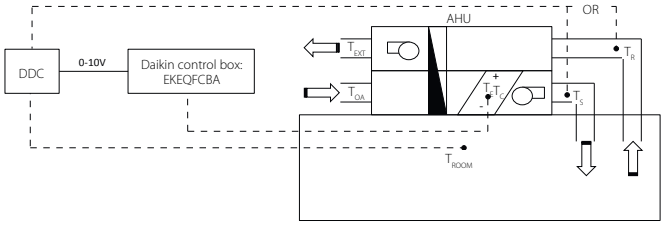
1. W control (T_S/T_R/T_{ROOM} control):

Air temperature control via DDC controller
Room temperature is controlled as a function of the air handling unit suction or discharge air (customer selection). The DDC controller is translating the temperature difference between set point and air suction temperature (or air discharge temperature or room temperature) into a proportional 0-10V signal which is transferred to the Daikin control box (EKEQFCBA). This voltage modulates the capacity requirements of the outdoor unit.



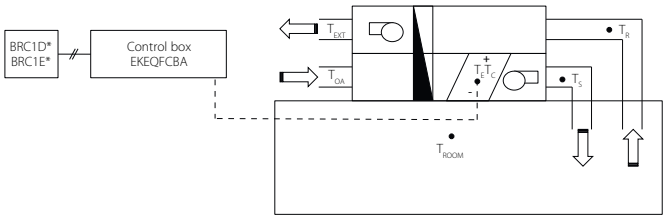
2. X control (T_S/T_R/T_{ROOM} control):

Precise air temperature control via DDC controller
Room temperature is controlled as a function of the air handling unit suction or discharge air (customer selection). The DDC controller is translating the temperature difference between set point and air suction temperature (or air discharge temperature or room temperature) into a reference voltage (0-10V) which is transferred to the Daikin control box (EKEQFCBA). This reference voltage will be used as the main input value for the compressor frequency control.



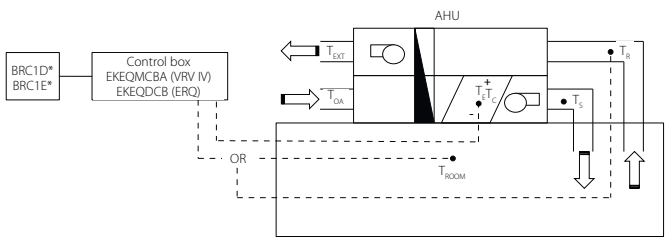
3. Y control (T_E/T_C control):

By fixed evaporating /condensing temperature
A fixed target evaporating or condensing temperature can be set by the customer. In this case, room temperature is only indirectly controlled. A Daikin wired remote control (BRC1D52 or BRC1E52A/B - optional) have to be connected for initial set-up but not required for operation.



4. Z control (T_S/T_{ROOM} control):

Control your AHU just like a VRV indoor unit with 100% fresh air
Allows the possibility to control the AHU just like a VRV indoor unit. Meaning temperature control will be focused on return air temperature from the room into the AHU. Requires BRC1D52 or BRC1E52A/B for operation. The only control that allows the combination of other indoor units to the AHU at the same time.



T_S = Supply air temperature
T_R = Return air temperature
T_{OA} = Outdoor air temperature
T_{ROOM} = Room air temperature
T_{EXT} = Extraction air temperature
T_E = Evaporating temperature
T_C = Condensing temperature

	Option kit	Features
Possibility W	EKEQFCBA	Off-the-shelf DDC controller that requires no pre-configuration
Possibility X		Pre-configured DDC controller required
Possibility Y		Using fixed evaporating temperature, no set point can be set using remote control
Possibility Z	EKEQDCB EKFQMCBA*	Using Daikin infrared remote control BRC1D52 or BRC1E52A/B Temperature control using air suction temperature or room temperature (via remote sensor)

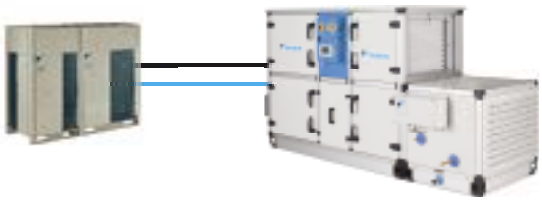
* EKEQMCB (for 'multi' application)

VRV - for larger capacities (from 8 to 54HP)

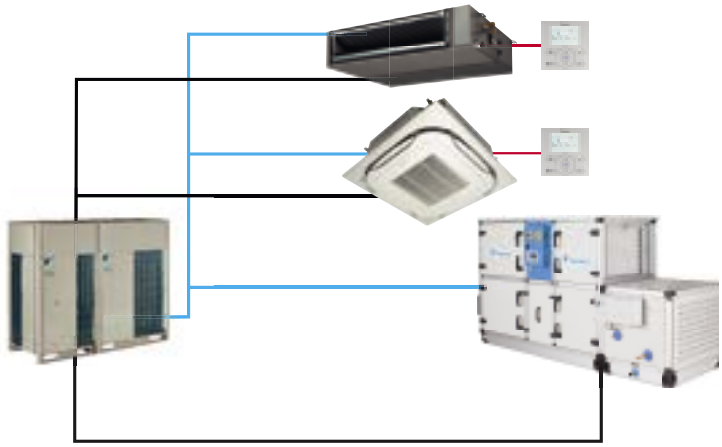
An advanced solution for both pair and multi application

› Inverter controlled units
› Heat recovery, heat pump
› R-410A
› Control of room temperature via Daikin control
› Large range of expansion valve kits available
› BRC1E52A/B is used to set the set point temperature (connected to the EKEQMCBA).
› Connectable to all VRV heat recovery and heat pump systems

W, X, Y control for VRV IV heat pump



Z control for all VRV outdoor units



Refrigerant piping
F1-F2
other communication

ERQ - for smaller capacities (from 100 to 250 class)

ERQ-AW1

A basic fresh air solution for pair application

› Inverter controlled units
› Heat pump
› R-410A
› Wide range of expansion valve kits available
› Perfect for the Daikin Modular air handling unit

The "Daikin Fresh Air Package" provides a complete Plug & Play Solution including AHU, ERQ or VRV Condensing Unit and all unit control (EKEQ, EKEX, DDC controller) factory mounted and configured. The easiest solution with only one point of contact.

Ventilation			**ERQ**	**100AV1**	**125AV1**	**140AV1**
Capacity range			HP	4	5	6
Cooling capacity	Nom.		kW	11.2	14.0	15.5
Heating capacity	Nom.		kW	12.5	16.0	18.0
Power input	Cooling	Nom.	kW	2.81	3.51	4.53
	Heating	Nom.	kW	2.74	3.86	4.57
EER				3.99		3.42
COP				4.56	4.15	3.94
Dimensions	Unit	HeightxWidthxDepth	mm	1,345x900x320		
Weight	Unit		kg	120		
Casing	Material			Painted galvanized steel plate		
Fan-Air flow rate	Cooling	Nom.	m^3/min	106		
	Heating	Nom.	m^3/min	102	105	
Sound power level	Cooling	Nom.	dBA	66	67	69
Sound pressure	Cooling	Nom.	dBA	50	51	53
level	Heating	Nom.	dBA	52	53	55
Operation range	Cooling	Min./Max.	°CDB	-5/46		
	Heating	Min./Max.	°CWB	-20/15.5		
	On coil temperature	Heating/Min./Cooling/Max.	°CDB	10/35		
Refrigerant	Type			R-410A		
	Charge		kg	4.0		
			TCO_2eq	8.4		
	GWP			2,087.5		
	Control			Expansion valve (electronic type)		
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	15.9		19.1
	Drain	OD	mm	26x3		
Power supply	Phase/Frequency/Voltage		Hz/V	1N~/50/220-240		
Current	Maximum fuse amps (MFA)		A	32.0		

Ventilation			**ERQ**	**125AW1**	**200AW1**	**250AW1**
Capacity range			HP	5	8	10
Cooling capacity	Nom.		kW	14.0	22.4	28.0
Heating capacity	Nom.		kW	16.0	25.0	31.5
Power input	Cooling	Nom.	kW	3.52	5.22	7.42
	Heating	Nom.	kW	4.00	5.56	7.70
EER				3.98	4.29	3.77
COP				4.00	4.50	4.09
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x635x765	1,680x930x765	
Weight	Unit		kg	159	187	240
Casing	Material			Painted galvanized steel plate		
Fan-Air flow rate	Cooling	Nom.	m^3/min	95	171	185
	Heating	Nom.	m^3/min	95	171	185
Sound power level	Nom.		dBA	72	78	
Sound pressure level	Nom.		dBA	54	57	58
Operation range	Cooling	Min./Max.	°CDB	-5/43		
	Heating	Min./Max.	°CWB	-20/15		
	On coil temperature	Heating/Min./Cooling/Max.	°CDB	10/35		
Refrigerant	Type			R-410A		
	Charge		kg	6.2	7.7	8.4
			TCO_2eq	12.9	16.1	17.5
	GWP			2,087.5		
	Control			Electronic expansion valve		
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	15.9	19.1	22.2
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/400		
Current	Maximum fuse amps (MFA)		A	16	25	

Integration of ERQ and VRV in third party air handling units

a wide range of expension valve kits and control boxes

Combination table

		Control box			Expansion valve kit										Mixed connection with VRV indoor units
		EKEQDCB	EKEQFCBA	EKEQMCBA	EKEXV50	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200	EKEXV250	EKEXV400	EKEXV500	
		Z control	W,X,Y control	Z control	-	-	-	-	-	-	-	-	-	-	
1-phase	ERQ100	P	P	-	-	P	P	P	P	-	-	-	-	-	Not possible
	ERQ125	P	P	-	-	P	P	P	P	P	-	-	-	-	
	ERQ140	P	P	-	-	-	P	P	P	P	-	-	-	-	
3-phase	ERQ125	P	P	-	-	P	P	P	P	P	-	-	-	-	
	ERQ200	P	P	-	-	-	-	P	P	P	P	P	-	-	
	ERQ250	P	P	-	-	-	-	-	P	P	P	P	-	-	
VRV III		-	-	n1	n1	n1	n1	n1	n1	n1	n1	n1	n1	n1	Mandatory
VRV IV H/P / VRV IV W-series VRV IV S-series		-	P (1 -> 3)	n2	n2	n2	n2	n2	n2	n2	n2	n2	n2	n2	Possible (not mandatory)
VRV IV H/R VRV IV i-series		-	n1	-	n1	n1	n1	n1	n1	n1	n1	n1	n1	n1	Mandatory

- P (pair application): combination depends on the capacity of the air handling unit
- n1 (multi application) - Combination of AHUs and VRV DX indoors (mandatory). To determine the exact quantity please refer to the engineering data book.
- n2 (multi application) - Combination of AHUs and VRV DX indoors (not mandatory). To determine the exact quantity please refer to the engineering data book.data book
- Control box EKEQFA can be connected to some types of VRV IV outdoor units (with a maximum of 3 boxes per unit). Do not combine EKEQFA control boxes with VRV DX indoor units, RA indoor units or hydroboxes

Capacity table

Cooling

EKEXV Class	Allowed heat exchanger capacity (kW)			Allowed heat exchanger volume (dm³)	
	Minimum	Standard	Maximum	Minimum	Maximum
50	5.0	5.6	6.2	1.33	1.65
63	6.3	7.1	7.8	1.66	2.08
80	7.9	9.0	9.9	2.09	2.64
100	10.0	11.2	12.3	2.65	3.30
125	12.4	14.0	15.4	3.31	4.12
140	15.5	16.0	17.6	4.13	4.62
200	17.7	22.4	24.6	4.63	6.60
250	24.7	28.0	30.8	6.61	8.25
400	35.4	45.0	49.5	9.26	13.2
500	49.6	56.0	61.6	13.2	16.5

Saturated evaporating temperature: 6°C
Air temperature: 27°C DB / 19°C WB

Heating

EKEXV Class	Allowed heat exchanger capacity (kW)			Allowed heat exchanger volume (dm³)	
	Minimum	Standard	Maximum	Minimum	Maximum
50	5.6	6.3	7.0	1.33	1.65
63	7.1	8.0	8.8	1.66	2.08
80	8.9	10.0	11.1	2.09	2.64
100	11.2	12.5	13.8	2.65	3.30
125	13.9	16.0	17.3	3.31	4.12
140	17.4	18.0	19.8	4.13	4.62
200	19.9	25.0	27.7	4.63	6.60
250	27.8	31.5	34.7	6.61	8.25
400	39.8	50.0	55.0	9.26	13.2
500	55.1	63.0	69.3	13.2	16.5

Saturated condensing temperature: 46°C
Air temperature: 20°C DB

EKEXV - Expansion valve kit for air handling applications

Ventilation			EKEXV	50	63	80	100	125	140	200	250	400	500
Dimensions	Unit		mm	401x215x78									
Weight	Unit		kg	2.9									
Sound pressure level	Nom.		dBA	45									
Operation range	On coil	Heating Min.	°CDB	10 (1)									
	temperature	Cooling Max.	°CDB	35 (2)									
Refrigerant	Type / GWP			R-410A / 2.087,5									
Piping connections	Liquid	OD	mm	6.35	9.52							12.7	15.9

(1) The temperature of the air entering the coil in heating mode can be reduced to -5°CDB. Contact your local dealer for more information. (2) 45% Relative humidity.

EKEQ - Control box for air handling applications

Ventilation		EKEQ	FCBA	DCB	MCBA
Application			See note	Pair	Multi
Outdoor unit			ERQ / VRV	ERQ	VRV
Dimensions	Unit	mm	132x400x200		
Weight	Unit	kg	3.9	3.6	
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230		

The combination of EKEQFCBA and ERQ is in pair application. The EKEQFCBA can be connected to some type of VRV IV outdoor units with a maximum of 3 control boxes. The combination with DX indoor units, hydroboxes, RA outdoor units, ... is not allowed. Refer to the combination table drawing of the outdoor unit for details.

Pair application selection

› **the outdoor unit is connected to ONE COIL (with single circuit or maximum 3 interlaced circuits) using up to 3 control boxes**
› **indoor unit combination is not allowed**
› **only works with X, W, Y control**

Step 1: Required AHU capacity

An AHU with double flow, heat recovery and 100% fresh air is to be installed in Europe where the outdoor sizing temperature is 35 ºCDB and the target supply air temperature for fresh air is 25 ºCDB. Load calculations point to a required capacity of 45kW.
By checking on the EKEXV capacity table, for cooling operation, 40kW falls within the 400 class valve. Since 40kW is not the nominal capacity, a class adjustment has to be done. 40/45=0,89 and 0,89x400=356. So the capacity class of the expansion valve kit is 356.

Step 2: Outdoor unit selection

For this AHU, a VRV IV heat pump model with continuous heating is going to be used (RYYQ-T series). For a capacity of 40kW at 35 ºCDB, an outdoor of 14HP (RYYQ14T). The capacity class of the 14 HP outdoor unit is 350.
Total connection ratio of the system is 356/350=102% hence it falls within the range 90-110%.

Step 3: Control box selection

In this particular case, the control will work with precise air temperature control. Only W or X control allow this. Since the consultant wants to use an "off-the-shelf" DDC module, the EKEQFCBA box with W control allows easy set-up due to pre-set factory values.

Multi application selection

› **the outdoor unit can be connected to MULTIPLE COILS (and their control boxes)**
› **indoor units are also connectable but not mandatory**
› **only works with Z control**

Step 1: Required AHU capacity

An AHU with double flow, heat recovery and 100% fresh air is to be installed in Europe where the outdoor sizing temperature is 35 ºCDB and the target supply air temperature for fresh air is 25 ºCDB. On top of this, for this building, 5 round-flow cassette units FXFQ50A will also be connected to this OU.
Load calculations point to a required capacity of 20kW for the AHU and 22,5 kW for the indoor untis.
By checking on the EKEXV capacity table, for cooling operation, 20kW falls within the 200 class valve. Since 22,4 kW is the nominal capacity, a class adjustment has to be done. 20/22,4=0,89 and 0,89x200=178. So the capacity class of the expansion valve kit is 178. Total capacity class of the indoor unit system is 178+250=428

Step 2: Outdoor unit selection

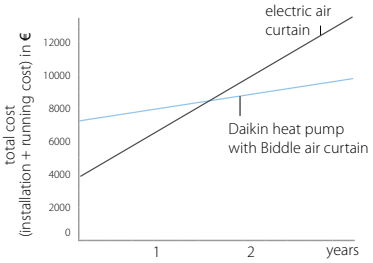
For this system where a AHU is connected with indoor units, it is mandatory to use a heat recovery unit. By consulting the engineering databook for REYQ-T, the total required capacity of 42,5 kW requires a 16HP model REYQ16T. Which will deliver 45kW at the design temperature of 35 ºCDB. This unit has a capacity class of 400.
Total connection ratio of the system is 428/400=107% hence it falls within the range 50-110%.

Step 3: Control box selection

In this particular case, the only available control is Z control and the combination of AHU and VRV DX indoor units requires EKEQMCBA control box.

Biddle air curtain for ERQ

- Connectable to ERQ heat pump
- ERQ is among the first DX systems suitable for connection to air curtains
- Free-hanging model (F): easy wall mounted installation
- Cassette model (C): mounted into a false ceiling leaving only the decoration panel visible
- Recessed model (R): neatly concealed in the ceiling
- A payback period of less then 1.5 years compared to installing an electric air curtain
- Easy and quick to install at reduced costs since no additional water systems, boilers and gas connections are required
- PATENTED TECHNOLOGY: Maximum energy efficiency stemming from almost zero down flow turbulence, optimised air flow and the application of advanced discharge rectifier technology
- Around 85% air separation efficiency, greatly reducing both heat loss and required indoor unit heating capacity



				Small			Medium			
				CYQS150DK80 *BN/*SN	CYQS200DK100 *BN/*SN	CYQS250DK140 *BN/*SN	CYQM100DK80 *BN/*SN	CYQM150DK80 *BN/*SN	CYQM200DK100 *BN/*SN	CYQM250DK140 *BN/*SN
Heating capacity	Speed 3		kW	9.0	11.6	16.2	9.2	11.0	13.4	19.9
Power input	Fan only	Nom.	kW	0.35	0.46	0.58	0.37	0.56	0.75	0.94
	Heating	Nom.	kW	0.35	0.46	0.58	0.37	0.56	0.75	0.94
Delta T	Speed 3		K	15		16	17	14	13	15
Casing	Colour			BN: RAL9010 / SN: RAL9006						
Dimensions	Unit	Height F/C/R	mm	270/270/270						
		Width F/C/R	mm	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548
		Depth F/C/R	mm	590/821/561						
Required ceiling void >			mm	420						
Door height	Max.		m	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)
Door width	Max.		m	1.5	2.0	2.5	1.0	1.5	2.0	2.5
Weight	Unit		kg	66	83	107	57	73	94	108
Fan-Air flow rate	Heating	Speed 3	m^3/h	1,746	2,328	2,910	1,605	2,408	3,210	4,013
Sound pressure level	Heating	Speed 3	dBA	49	50	51	50	51	53	54
Refrigerant	Type / GWP			R-410A / 2,087.5						
Piping connections	Liquid/OD/Gas/OD		mm	9.52/16.0		9.52/19.0	9.52/16.0			9.52/19.0
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E53A / BRC1E53B / BRC1E53C or BRC1D52)						
Power supply	Voltage		V	230						

				Large			
				CYQL100DK125 *BN/*SN	CYQL150DK200 *BN/*SN	CYQL200DK250 *BN/*SN	CYQL250DK250 *BN/*SN
Heating capacity	Speed 3		kW	15.6	23.3	29.4	31.1
Power input	Fan only	Nom.	kW	0.75	1.13	1.50	1.88
	Heating	Nom.	kW	0.75	1.13	1.50	1.88
Delta T	Speed 3		K	15		14	12
Casing	Colour			BN: RAL9010 / SN: RAL9006			
Dimensions	Unit	Height F/C/R	mm	370/370/370			
		Width F/C/R	mm	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548
		Depth F/C/R	mm	774/1,105/745			
Required ceiling void >			mm	520			
Door height	Max.		m	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)
Door width	Max.		m	1.0	1.5	2.0	2.5
Weight	Unit		kg	76	100	126	157
Fan-Air flow rate	Heating	Speed 3	m^3/h	3,100	4,650	6,200	7,750
Sound pressure level	Heating	Speed 3	dBA	53	54	56	57
Refrigerant	Type / GWP			R-410A / 2,087.5			
Piping connections	Liquid/OD/Gas/OD		mm	9.52/16.0	9.52/19.0	9.52/22.0	
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E53A / BRC1E53B / BRC1E53C or BRC1D52)			
Power supply	Voltage		V	230			

(1) Favorable conditions: covered shopping mall or revolving door entrance (2) Normal conditions: little direct wind, no opposite open doors, building with ground floor only
(3) Unfavorable conditions: location at a corner or square, multiple floors and/or open stairway

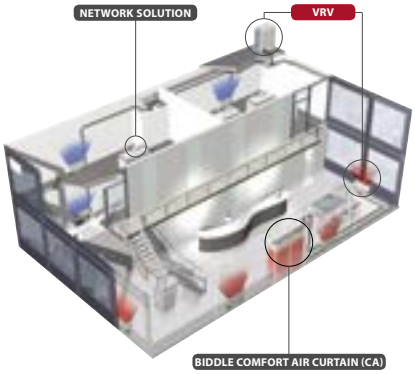
Biddle air curtain for VRV and Conveni-pack

- Connectable to VRV heat recovery, heat pump and Conveni-pack
- VRV is among the first DX systems suitable for connection to air curtains
- Free-hanging model (F): easy wall mounted installation
- Cassette model (C): mounted into a false ceiling leaving only the decoration panel visible
- Recessed model (R): neatly concealed in the ceiling
- A payback period of less then 1.5 years compared to installing an electric air curtain
- Provides virtually free air curtain heating via recovered heat from indoor units in cooling mode (in case of VRV heat recovery)
- Easy and quick to install at reduced costs since no additional water systems, boilers and gas connections are required
- PATENTED TECHNOLOGY: Maximum energy efficiency stemming from almost zero down flow turbulence, optimised air flow and the application of advanced discharge rectifier technology
- Around 85% air separation efficiency, greatly reducing both heat loss and required indoor unit heating capacity

CYVM150DK80FSC

CYVM150DK80CSN

CYVM150DK80RSN



				Small				Medium			
				CYVS100DK80 *BN/*SN	CYVS150DK80 *BN/*SN	CYVS200DK100 *BN/*SN	CYVS250DK140 *BN/*SN	CYVM100DK80 *BN/*SN	CYVM150DK80 *BN/*SN	CYVM200DK100 *BN/*SN	CYVM250DK140 *BN/*SN
Heating capacity	Speed 3		kW	7.40	9.0	11.6	16.2	9.2	11.0	13.4	19.9
Power input	Fan only	Nom.	kW	0.23	0.35	0.46	0.58	0.37	0.56	0.75	0.94
	Heating	Nom.	kW	0.23	0.35	0.46	0.58	0.37	0.56	0.75	0.94
Delta T	Speed 3		K	19	15		16	17	14	13	15
Casing	Colour			BN: RAL9010 / SN: RAL9006							
Dimensions	Unit	Height F/C/R	mm	270/270/270							
		Width F/C/R	mm	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548
		Depth F/C/R	mm	590/821/561							
Required ceiling void >			mm	420							
Door height	Max.		m	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)
Door width	Max.		m	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5
Weight	Unit		kg	56	66	83	107	57	73	94	108
Fan-Air flow rate	Heating	Speed 3	m^3/h	1,164	1,746	2,328	2,910	1,605	2,408	3,210	4,013
Sound pressure level	Heating	Speed 3	dBA	47	49	50	51	50	51	53	54
Refrigerant	Type / GWP			R-410A / 2,087.5							
Piping connections	Liquid/OD/Gas/OD		mm	9.52/16.0			9.52/19.0	9.52/16.0			9.52/19.0
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E53A / BRC1E53B / BRC1E53C or BRC1D52)							
Power supply	Voltage		V	230							

				Large			
				CYVL100DK125*BN/*SN	CYVL150DK200*BN/*SN	CYVL200DK250*BN/*SN	CYVL250DK250*BN/*SN
Heating capacity	Speed 3		kW	15.6	23.3	29.4	31.1
Power input	Fan only	Nom.	kW	0.75	1.13	1.50	1.88
	Heating	Nom.	kW	0.75	1.13	1.50	1.88
Delta T	Speed 3		K	15		14	12
Casing	Colour			BN: RAL9010 / SN: RAL9006			
Dimensions	Unit	Height F/C/R	mm	370/370/370			
		Width F/C/R	mm	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548
		Depth F/C/R	mm	774/1,105/745			
Required ceiling void >			mm	520			
Door height	Max.		m	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)
Door width	Max.		m	1.0	1.5	2.0	2.5
Weight	Unit		kg	76	100	126	157
Fan-Air flow rate	Heating	Speed 3	m^3/h	3,100	4,650	6,200	7,750
Sound pressure level	Heating	Speed 3	dBA	53	54	56	57
Refrigerant	Type / GWP			R-410A / 2,087.5			
Piping connections	Liquid/OD/Gas/OD		mm	9.52/16.0	9.52/19.0	9.52/22.0	
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E53A / BRC1E53B / BRC1E53C or BRC1D52)			
Power supply	Voltage		V	230			

(1) Favorable conditions: covered shopping mall or revolving door entrance (2) Normal conditions: little direct wind, no opposite open doors, building with ground floor only
(3) Unfavorable conditions: location at a corner or square, multiple floors and/or open stairway

		Heat reclaim ventilation - VAM					
		VAM150FC	**VAM250FC**	**VAM350FC**	**VAM500FC**	**VAM650FC**	**VAM800FC**
Indiviual control systems	**BRC301B61** VAM wired remote control	•	•	•	•	•	•
	BRC1E53A/B/C Premium wired remote control with full-tekst interface and back-light	•	•	•	•	•	•
	BRC1D52 Standard wired remote control with weekly timer	•	•	•	•	•	•
Centralised control systems	**DCC601A51** intelligent Tablet Controller	•	•	•	•	•	•
	DCS302C51 Centralised remote control	•	•	•	•	•	•
	DCS301B51 Unified ON/OFF control	•	•	•	•	•	•
	DST301B51 Schedule timer	•	•	•	•	•	•
Building Management System & Standard protocol interface	**DCM601A5A** Intelligent Touch Manager	•	•	•	•	•	•
	EKMBDXA Modbus interface	•	•	•	•	•	•
	DMS502A51 BACnet Interface	•	•	•	•	•	•
	DMS504B51 LonWorks Interface	•	•	•	•	•	•
Filters	EN779 Medium M6			EKAFV50F6	EKAFV50F6	EKAFV80F6	EKAFV80F6
	EN779 Fine F7			EKAFV50F7	EKAFV50F7	EKAFV80F7	EKAFV80F7
	EN779 Fine F8			EKAFV50F8	EKAFV50F8	EKAFV80F8	EKAFV80F8
Silencer	Model name				KDDM24B50	KDDM24B100	KDDM24B100
	Nominal pipe diameter (mm)				200	200	250
CO_2 sensor				BRYMA65	BRYMA65	BRYMA65	BRYMA100
Electrical heater		VH1B	VH2B	VH2B	VH3B	VH3B	VH4B / VH4/AB
Others	Wiring adapter for external monitroing/control (controls 1 entire system)	KRP2A51	KRP2A51	KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)
	Adapter PCB for humidifier	KRP50-2	KRP50-2	KRP1C4 (3/5)	KRP1C4 (3/5)	KRP1C4 (3/5)	KRP1C4 (3/5)
	Adapter PCB for third party heater	BRP4A50	BRP4A50	BRP4A50A (3/4)	BRP4A50A (3/4)	BRP4A50A (3/4)	BRP4A50A (3/4)
	External wired temperature sensor						

Notes

(1) Do not connect the system to DIII-net devices LONWorks interface, BACnet interface, …; intelligent Touch Manager, EKMBDXA are allowed)

(2) Installation box KRP1BA101 needed

(3) Fixing plate EKMPVAM additionnally needed for VAM1500-2000

(4) 3rd party heater and 3rd party humidifier cannot be combined

(5) Installation box KRP50-2A90 needed

	VH electrical heater for VAM
Supply voltage	220/250V ac 50/60 Hz. +/-10%
Output current (maximum)	19A at 40°C (ambient)
Temperature sensor	5k ohms at 25°C (table 502 1T)
Temperature control range	0 to 40°C / (0-10V 0-100%)
Run on timer	Adjustable from 1 to 2 minutes (factory set at 1.5 minutes)
Control fuse	20 X5 mm 250 m A
LED indicators	Power ON - Yellow Heater ON - Red (solid or flashing, indicating pulsed control) Airflow fault - Red
Mounting holes	98mm X 181mm centres 5 mm ø holes
Maximum ambient adjacent to terminal box	35°C (during operation)
Auto high temp. cutout	100°C Pre-set
Man. reset high temp. cutout	125°C Pre-set
Run relay	1A 120V AC or 1A 24V DC
BMS setpoint input	0-10VDC

Vh electrical heater for vam		**vH1B**	**VH2B**	**VH3B**	**VH4B**	**VH4/AB**	**VH5B**
Capacity	kW	1	1	1	1.5	2.5	2.5
Duct diameter	mm	100	150	200	250	250	350
Connectable VAM		VAM150FC	VAM250FC	VAM500FC	VAM800FC	VAM800FC	VAM1500FC
		-	VAM350FC	VAM650FC	VAM1000FC	VAM1000FC	VAM2000FC

			Heat reclaim ventilation VKM			Air handling unit applications		
VAM1000FC	**VAM1500FC**	**VAM2000FC**	**VKM50GB(M)**	**VKM80GB(M)**	**VKM100GB(M)**	**EKEQFCBA (1)**	**EKEQDCB (1)**	**EKEQMCBA (1)**
•	•	•						
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
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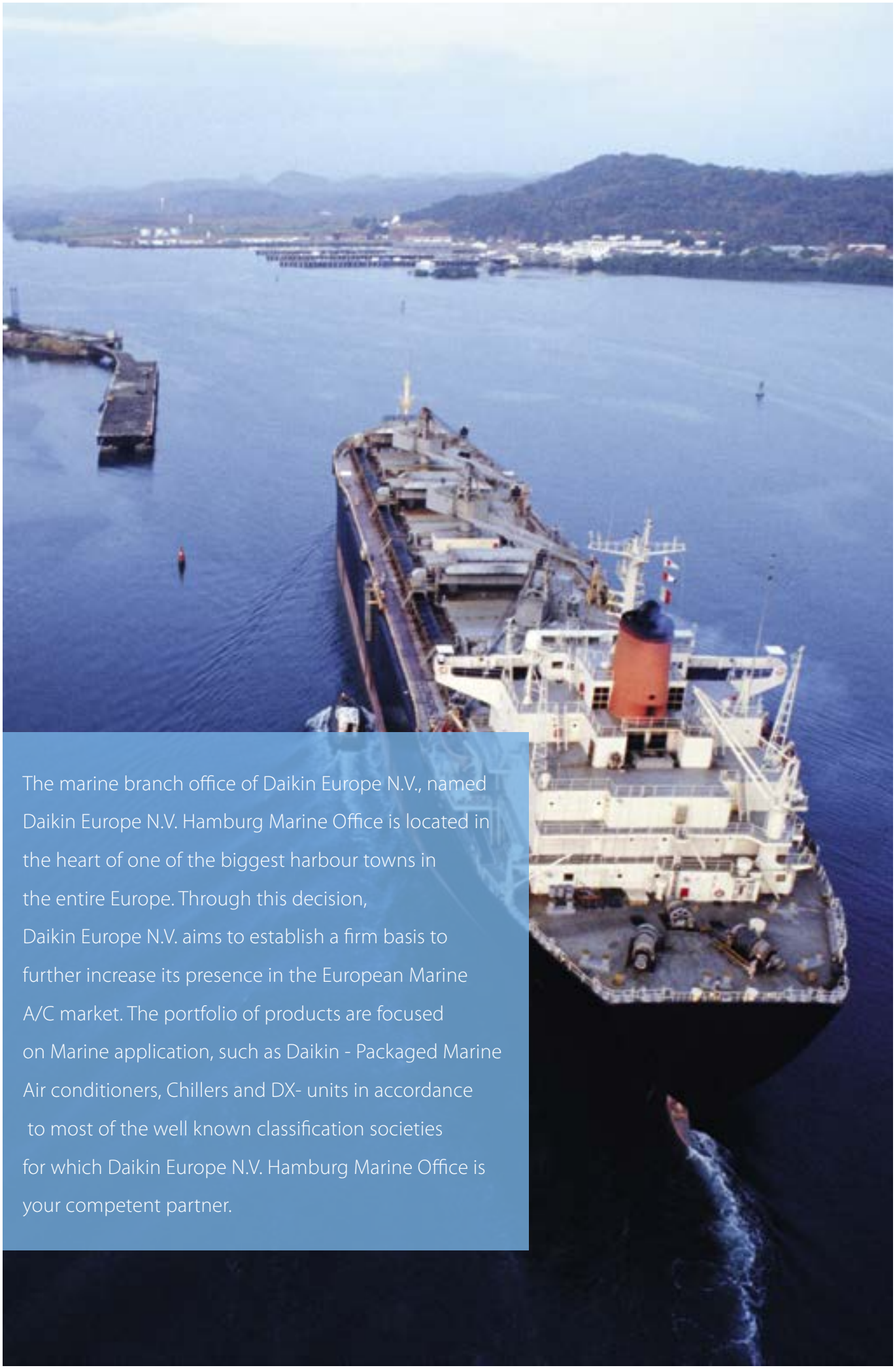
•	•	•	•	•	•			
•	•	•	•	•	•			
EKAFV100F6	EKAFV100F6 x2	EKAFV100F6 x2						
EKAFV100F7	EKAFV100F7 x2	EKAFV100F7 x2						
EKAFV100F8	EKAFV100F8 x2	EKAFV100F8 x2						
KDDM24B100	KDDM24B100 x2	KDDM24B100 x2		KDDM24B100	KDDM24B100			
250	250	250		250	250			
BRYMA100	BRYMA200	BRYMA200	BRYMA65	BRYMA100	BRYMA200			
VH4B / VH4/AB	VH5B	VH5B						
KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)	BRP4A50A (3/4)	BRP4A50A (3/4)	BRP4A50A (3/4)			
KRP1C4 (3/5)	KRP1C4 (3/5)	KRP1C4 (3/5)	BRP4A50A (3/4)	BRP4A50A (3/4)	BRP4A50A (3/4)			
BRP4A50A (3/4)	BRP4A50A (3/4)	BRP4A50A (3/4)	BRP4A50A (3/4)	BRP4A50A (3/4)	BRP4A50A (3/4)			
							KRCS01-1	



The marine branch office of Daikin Europe N.V., named Daikin Europe N.V. Hamburg Marine Office is located in the heart of one of the biggest harbour towns in the entire Europe. Through this decision, Daikin Europe N.V. aims to establish a firm basis to further increase its presence in the European Marine A/C market. The portfolio of products are focused on Marine application, such as Daikin - Packaged Marine Air conditioners, Chillers and DX- units in accordance to most of the well known classification societies for which Daikin Europe N.V. Hamburg Marine Office is your competent partner.

USDN25(HB) / USDP25(GB) / USDN*(JB1) (JB2) / USDP*(JB1) (JB2)

Daikin Marine Type Deck Units

- Energy saving
- Compact design
- Refrigerants R-404A - R-407C
- Economical maintenance
- Easy installation
- Hermetic scroll compressor
- Minimum piping and field work required
- High performance reliability
- Lesser refrigerant volum with leak proof hermetic structure
- High static pressure fan facilitates the use of long ducts
- Quiet, less vibration operation makes it suitable for installation in accomodation areas

Optional customized modifications:
- Remote controls
- Electrical heater
- Data bus interfaces
- Air plenum or duct connection
- Higher external static pressure
- Cooling water regulating valve
- Higher air volume

USP*H (R1) (B) (TG) (BTG) / USN*HB / USN (G) (C)*HB / USP (G) (C)*HB

Daikin Marine Type Packaged Series

- Excellent durability
- Hermetic scroll compressor
- Light weight design
- Refrigerants: R-404A - R-407C
- Resilient structure specially designed for marine applications
- Abundant modification parts assures various applications
- Wide operation range
- Easy transportation and installation
- Energy-saving
- Complete set of spare parts provided for certain models

Optional customized modifications:
- Remote controls
- Electrical heater
- Data bus interfaces
- Air plenum or duct connection
- Higher external static pressure
- Cooling water regulating valve
- Higher air volume

USFN*(JB) (JC) / USFP*(JB) (JC)

Daikin Marine Type Galley Series

- Respond to a wide temperature range
- High efficient operation
- Outstanding durable design
- Easy transportation and installation
- Excellent performance reliability
- Spare parts are provided as standard accessories
- Hermetic scroll compressor
- High static pressure system
- R-404A, R-407C

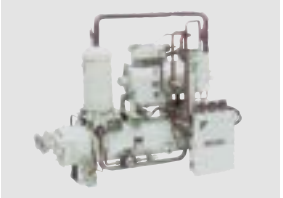
Optional customized modifications:
- Remote controls
- Electrical heater
- Data bus interfaces
- Air plenum or duct connection
- Higher external static pressure
- Cooling water regulating valve
- Higher air volume

RHSD~A / RKS~FR Unit

Daikin Marine Type Small Size Condensing

RHSD-A (R-134a):
- A semi-hermetic reciprocating compressor with proven reliability
- Saved maintenance work around compressor (without V belts & shaft seal)

RKS-FR (R-404A):
- An open type reciprocating compressor of optimum design for R-404A
- Equal installation & maintenance as R-22



For more information, visit www.daikineurope.com/industrial/applications/marine

Daikin chillers offer the ultimate in reliability and flexibility — a reflection of the advanced technology inherent within them. Daikin chillers represent the sure and safe route to a comfortable environment and a process cooling solution that is clean and consistent.

Chillers

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For latest data, please consult my.daikin.eu

Daikin chillers

Why choose Daikin chillers?

Daikin chillers are the perfect bridge between project requirements and customer satisfaction.

From the smallest chillers to the very largest, our quality control and attention detail is absolute.

Our systems have the **most advanced technologies**, deliver **the highest energy efficiencies** and **lowest running costs**, and are the gold standard for reliability and performance.

The widest and most flexible chiller portfolio

› From the smallest mini chiller for residential use to the largest chiller for district cooling
› Tailor made solutions based on the most advanced technologies
› Wide range of options and accessories

Worldwide experience in chiller design and manufacturing

› World's most advanced facilities for air conditioning research and development: the Applied Development Center in Minneapolis, Minnesota
› Inhouse development and manufacturing of chiller main components (compressors, fans, condenser coils, software, etc...)

The highest efficiency for every installation

› Inverter technology over the whole capacity range
› The lowest total cost of ownership and fast payback time

Quality and reliability

› Daikin's integrated zero defect policy ensures quality of components and finished products
› Each Daikin chiller is factory run-tested and subjected to quality audit before shipment

Benefits for installers

› Plug & play solutions
› Maximum serviceability
› Ideal solutions for retrofit projects

Benefits for consultants

› Energy efficient solutions without compromising on reliability and performance
› Latest technology embedded in all our products

Benefits for end users

› Remarkable savings on running costs
› Easy to customise the chiller to your application, environment and need thanks to more than 150 different options.

Web-based chiller selection software

A user-friendly interface allows users to quickly create new projects, open and change exisiting projects or simply do a quick selection.

Technical selection reports can be printed or downloaded in several formats.

To make life easier, the tool is accessible everywhere, via any device. No matter where you are, projects can be consulted.

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AIR COOLED CHILLER INSTALLATION

PRINTING COMPANY APPLICATION

AIR COOLED CHILLER INSTALLATION

ICE RINK APPLICATION

EWAQ-E-
INSTALLATION

DATA CENTER
APPLICATION

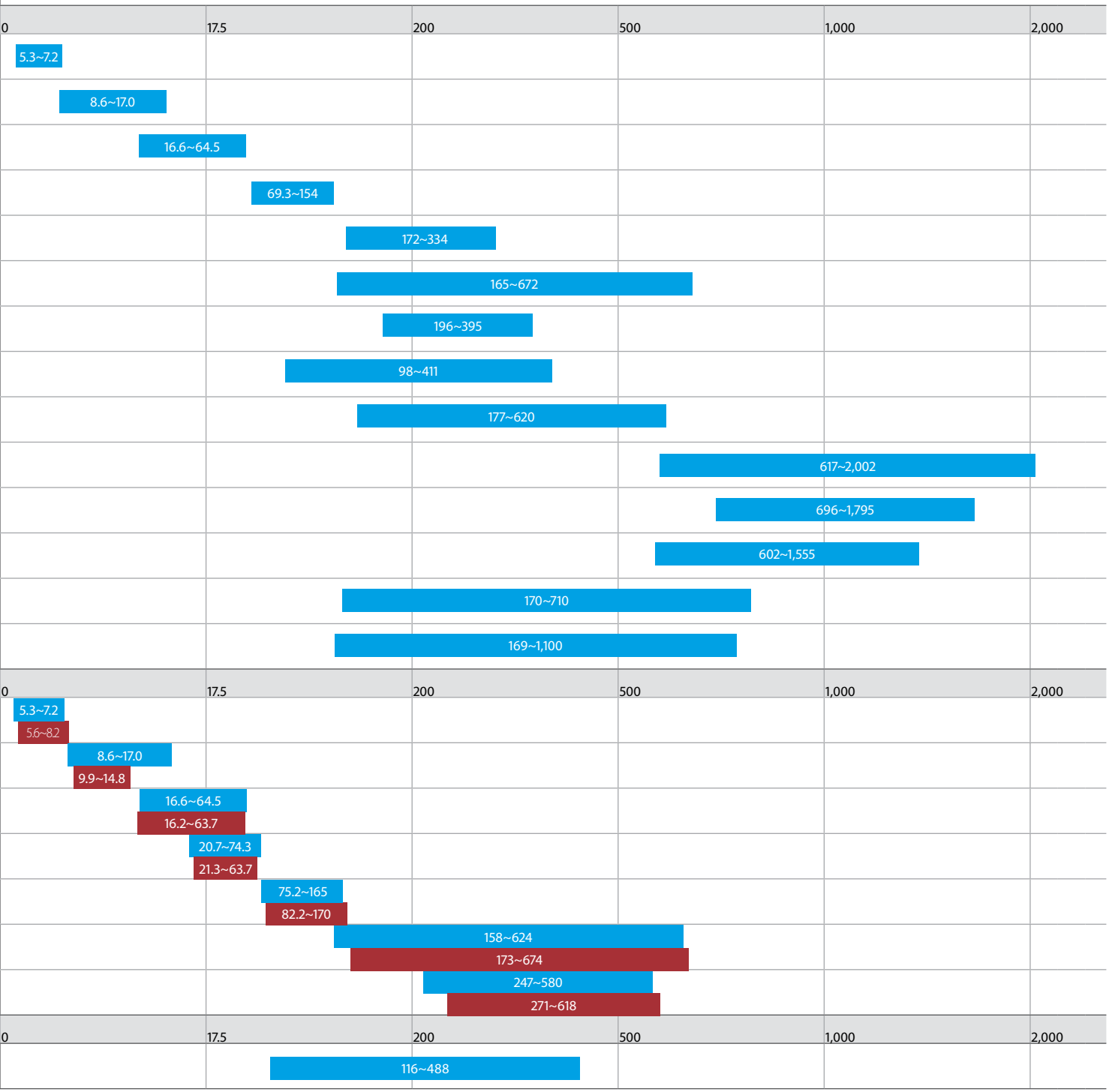
PROCESS COOLING
APPLICATION

Products overview

		Refrigerant type *	Refrigerant circuits	Inverter	Free cooling	Compressor			Water heat exchanger		Efficiency version				Sound version			
						Swing	Scroll	Screw	Plate **	Single pass shell and tube	Standard	High	Premium	High ambient	Standard	Low	Reduced	Extra low
Cooling only																		
EWAQ~ADVP		R-410A	1	●		●			● BPHE		●				●			
EWAQ~ACV3/ACW1		R-410A	1	●			●		● BPHE		●				●			
EWAQ~BA*		R-410A	1-2	●			●		● BPHE		●				●			
EWAQ~G-		R-410A	1				●		● BPHE		●	●			●		●	
EWAQ~E-		R-410A	1				●		●			●			●	●	●	
EWAQ~F-		R-410A	2				●		●		●	●			●	●	●	
EWAQ~GZ		R-410A	1-2	●			●		●			●			●		●	
EWAD~E-		R-134a	1					●	●		●				●	●		
EWAD~D-		R-134a	2					●	●	●	●	●		●	●	●	●	●
EWAD~C-		R-134a	2-3					●		●	●	●	●		●	●	●	
EWAD~CZ		R-134a	2-3	●				●		●		●			●	●	●	
EWAD~CF		R-134a	2		●			●		●		●			●	●	●	
EWAD~TZ		R-134a	1-2	●				●	●	●	●	●			●		●	
EWAD-TZ B NEW		R-134a	1-2	●				●	●	●	●	●	●		●	●	●	
Heat pump																		
EWYQ~ADVP		R-410A	1	●		●			● BPHE		●				●			
EWYQ~ACV3/ACW1		R-410A	1	●			●		● BPHE		●				●			
EWYQ~BA*		R-410A	1-2	●			●		● BPHE		●				●			
SEHVX-AAW SERHQ-AAW1		R-410A	1	●			●		● BPHE		●				●			
EWYQ~G-		R-410A	1				●		● BPHE			●			●		●	
EWYQ~F-		R-410A	1-2				●		●			●			●	●	●	
EWYD~BZ		R-134a	2-3	●				●		●	●				●	●		
Condensing unit																		
ERAD~E-		R-134a	1					●			●				●	●		

* (GWP) : R-410A (2087.5), R-134a (1430) - ** BPHE: Brazed plate heat exchanger

Cooling capacity (kW)
Heating capacity (kW)

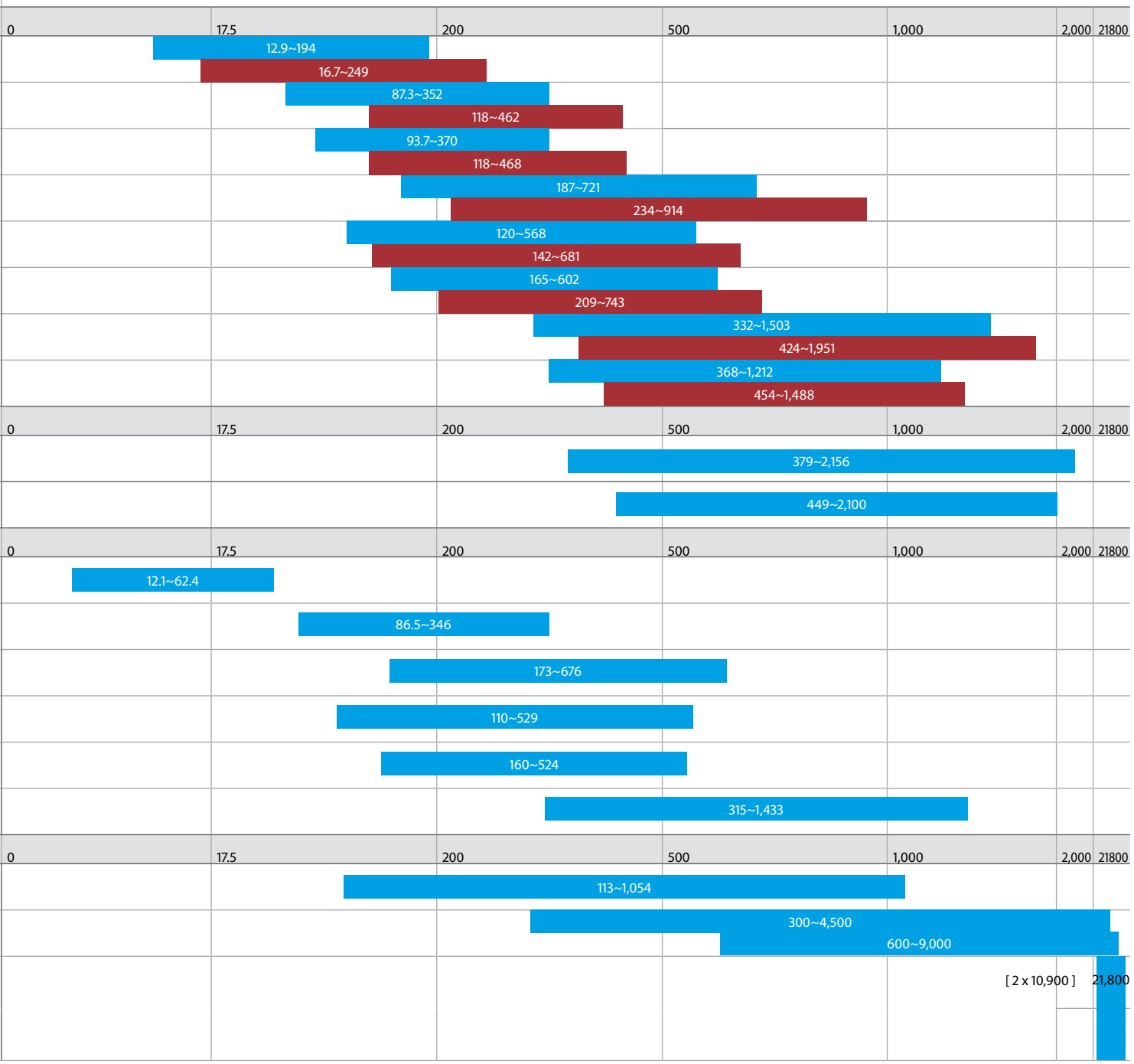


Products overview

	Refrigerant Type *	Refrigerant circuits	Inverter	Compressor			Water heat exchanger			Efficiency version			Sound version
				Scroll	Screw	Centrifugal	Plate **	Single pass shell and tube	Shell and tube	Standard	High	Premium	Standard
Water cooled chillers (Cooling only & Heating only)													
EWWP~KBW1N	R-407C	1-2-4-6		●						●			●
EWHQ~G-	R-410A	1		●			●						
EWWQ~G-	R-410A	1		●			●			●			●
EWWQ~L-	R-410A	2		●			●			●			●
EWWD~J-	R-134a	1-2			●		●			●			●
EWWD~G-	R-134a	1-2			●			●		●	●		●
EWWD~I-	R-134a	1-2-3			●			●		●	●		●
EWWD~H-	R-134a	1			●				● Flooded		●		●
Water cooled chillers (Cooling only)													
EWWQ~B-	R-410A	1-2			●			●		●	●		●
EWWD-VZ NEW	R-134a	1	●		●				● Flooded	●	●	●	●
Condenserless chillers													
EWLP~KBW1N	R-407C	1-2		●			● BPHE			●			●
EWLQ~G-	R-410A	1		●			●			●			●
EWLQ~L-	R-410A	2		●			●			●			●
EWLD~J-	R-134a	1-2			●		●			●			●
EWLD~G-	R-134a	1-2			●			●		●			●
EWLD~I-	R-134a	1-2-3			●			●		●			●
Water cooled centrifugal chillers													
EWWD~FZ	R-134a	1	●			●		● Flooded			●		●
DWSC DWDC	R-134a	1	optional			●		● Flooded			●		●
6,000 RT CENTRIFUGAL	R-134a	2 per chiller				●		● Flooded			●		●

 * (GWP) : R-410A (2087.5), R-134a (1430), R-407C (1773.9) - ** BPHE: Brazed plate heat exchanger

Cooling capacity (kW)
Heating capacity (kW)



Air cooled mini inverter chiller

› Inverter technology to ensure low sound values and **leader-of-class ESEER**
› Wide operating range
› Easy 'plug and play' installation
› Single phase power supply and low starting currents make the unit ideal **for residential applications**
› **Built-in hydronic module**: no buffer tank required and a standard pump and main switch are included

EWAQ-ADVP | Digital controller

Cooling only					EWAQ-ADVP	005	006	007
Cooling capacity	Nom.				kW	5.28 (1)	6.08 (1)	7.18 (1)
Power input	Cooling	Nom.			kW	1.94 (1)	2.40 (1)	3.00 (1)
Capacity control	Method					Inverter controlled		
EER						2.72 (1)	2.53 (1)	2.39 (1)
Dimensions	Unit	Height			mm	805		
		Width			mm	1,190		
		Depth			mm	360		
Weight	Unit				kg	100		
	Operation weight				kg	104		
Water heat	Type					Brazed plate		
exchanger	Water flow rate	Cooling	Nom.		l/min	14.9	17.2	20.4
Air heat exchanger	Type					Tube type		
Hydraulic components	Expansion vessel	Volume			l	6		
Compressor	Type					Hermetically sealed swing compressor		
	Quantity					1		
Fan	Type					Propeller fan		
	Quantity					1		
Sound power level	Cooling	Nom.			dBA	62		63
Sound pressure level	Cooling	Nom.			dBA	48		50
Operation range	Water side	Cooling	Min.~Max.		°CDB	5~20		
	Air side	Cooling	Min.~Max.		°CDB	10~43		
Refrigerant	Type / GWP					R-410A / 2,087.5		
	Control					Inverter		
	Circuits	Quantity				1		
Refrigerant charge	Per circuit				kg	1.7		
					TCO_2eq	3.5		
Water circuit	Piping connections diameter				inch	1" MBSP		
Piping connections	Water heat exchanger drain					5/16 SAE flare		
Unit	Maximum running current				A	17.3		
Power supply	Phase/Frequency/Voltage				Hz/V	1~/50/230		

(1) Tamb 35°C - LWE 7°C (Dt: 5°C)

Air cooled mini inverter chiller

- Inverter technology to ensure low sound values and **leader-of-class ESEER**
- Wide operating range
- Built-in hydronic module: no buffer tank required and a standard pump and main switch are included
- Easy 'plug and play' installation
- Single phase power supply **for residential applications**, three phase power supply model available **for light commercial applications**

EWAQ-ACV3/ACW1

Digital controller

Cooling only					EWAQ	009ACV3	010ACV3	011ACV3	009ACW1	011ACW1	013ACW1
Cooling capacity	Nom.				kW	12.2 (1) / 8.6 (2)	13.6 (1) / 9.6 (2)	15.7 (1) / 11.1 (2)	12.9 (1) / 9.1 (2)	15.7 (1) / 11.1 (2)	17.0 (1) / 13.3 (2)
Power input	Cooling	Nom.			kW	2.85 (1) / 2.83 (2)	3.41 (1) / 3.28 (2)	4.13 (1) / 3.90 (2)	3.08 (1) / 3.05 (2)	4.13 (1) / 3.90 (2)	5.52 (1) / 5.18 (2)
Capacity control	Method					Inverter controlled					
EER						4.27 (1) / 3.05 (2)	4.00 (1) / 2.93 (2)	3.79 (1) / 2.85 (2)	4.19 (1) / 2.99 (2)	3.79 (1) / 2.85 (2)	3.08 (1) / 2.57 (2)
ESEER						4.31	4.30	4.33	4.43	4.44	4.36
Dimensions	Unit	Height			mm	1,435					
		Width			mm	1,418					
		Depth			mm	382					
Weight	Unit				kg	180					
Water heat exchanger	Type					Brazed plate					
	Quantity					1					
	Water volume				l	1.01					
	Water flow rate	Cooling	Nom.		l/min	24.7	27.6	31.9	26.1	31.9	38.2
Air heat exchanger	Type					Hi-XSS					
Hydraulic components	Expansion vessel	Volume			l	10					
Compressor	Type					Hermetically sealed scroll compressor					
	Quantity					1					
Fan	Type					Propeller fan					
	Quantity					2					
	Air flow rate	Cooling	Nom.		m^3/min	96	100	97	-		
Fan motor	Speed	Cooling	Nom.		rpm	780					
		Steps				8					
Sound power level	Cooling	Nom.			dBA	64					66
Sound pressure level	Cooling	Nom.			dBA	51					52
		Cooling Night quiet mode			dBA	45					46
Operation range	Water side	Cooling	Min.~Max.		°CDB	5~22					
	Air side	Cooling	Min.~Max.		°CDB	10~46					
Refrigerant	Type / GWP					R-410A / 2,087.5					
	Control					Electronic expansion valve					
	Circuits	Quantity				1					
Refrigerant charge	Per circuit				kg	2.95					
					TCO_2eq	6.2					
Water circuit	Piping connections diameter				inch	G 5/4" (female)					
	Piping				inch	5/4"					
Power supply	Phase/Frequency/Voltage				Hz/V	1~/50/230			3N~/50/400		

(1) Underfloor program: cooling Ta 35°C - LWE 18°C (Dt: 5°C) (2) Fan coil program: cooling Ta 35°C - LWE 7°C (Dt: 5°C)

Air cooled scroll inverter chiller

- High efficiency with **leader-of-class ESEER**
- Minimal starting currents and short payback times
- No buffertank required for standard applications
- **Large operation range** (ambient temperature up to 43°C)
- A modbus gateway (RTD-W) can be installed per unit in order allow the control and monitoring by a Daikin controller or a third-party BMS, which will increase further the efficiency of the system
- All systems that are connected with RTD-W can be controlled and **monitored centrally** with the master/slave control kit: the sequencing controller EKCC-W

EWAQ-BAWN/BAWP BRC21A53/54

Cooling only				EWAQ-BAWN/BAWP	016	021	025	032	040	050	064
Cooling capacity	Nom.			kW	17.4 (1) / 16.6 (2)	21.7 (1) / 20.7 (2)	25.8 (1) / 24.7 (2)	32.3 (1) / 30.9 (2)	43.4 (1) / 41.5 (2)	51.8 (1) / 49.7 (2)	64.5 (1) / 62.3 (2)
Power input	Cooling	Nom.		kW	5.60 (1) / 5.80 (2)	7.25 (1) / 7.59 (2)	9.29 (1) / 9.74 (2)	13.0 (1) / 13.5 (2)	14.7 (1) / 15.4 (2)	18.8 (1) / 19.7 (2)	26.4 (1) / 27.4 (2)
Capacity control	Method				Inverter controlled						
	Minimum capacity			%	25						
EER					3.11 (1) / 2.86 (2)	2.99 (1) / 2.73 (2)	2.78 (1) / 2.54 (2)	2.48 (1) / 2.29 (2)	2.95 (1) / 2.69 (2)	2.76 (1) / 2.52 (2)	2.44 (1) / 2.27 (2)
ESEER					4.33 (1) / 4.21 (2)	4.08 (1) / 4.18 (2)	3.85 (1) / 4.04 (2)	3.39 (1) / 3.62 (2)	4.19 (1) / 4.24 (2)	3.96 (1) / 4.12 (2)	3.64 (1) / 3.78 (2)
Dimensions	Unit	Height		mm	1,684						
		Width		mm	1,371			1,684	2,358		2,980
		Depth		mm	774				780		
Weight	Unit			kg	264	317		397	571		730
	Operation weight			kg	267	320		401	577		738
Water heat exchanger	Type				Brazed plate						
	Water volume			l	1.9			2.9	3.8		5.7
	Water flow rate	Cooling	Nom.	l/min	50	62	74	93	124	148	185
	Water pressure drop	Cooling	Total	kPa	20	30	42	30		42	30
Air heat exchanger	Type				Hi-XSS						
Compressor	Type				Hermetically sealed scroll compressor						
	Quantity				1	2		3	4		6
Fan	Type				Axial						
	Quantity				1			2			4
	Air flow rate	Cooling	Nom.	m^3/min	171	185		233	370		466
Sound power level	Cooling	Nom.		dBA	78			80	81		83
Operation range	Water side	Cooling	Min.~Max.	°CDB	-10~20						
	Air side	Cooling	Min.~Max.	°CDB	-5~43						
Refrigerant	Type / GWP				R-410A / 2,087.5						
	Control				Electronic expansion valve						
	Circuits	Quantity			1				2		
Refrigerant charge	Per circuit			kg	7.6			9.6	15.2		19.2
				TCO_2eq	15.9			20.0	31.7		40.1
Water circuit	Piping connections diameter			inch	1-1/4" (female)				2" (female)		
	Piping			inch	1-1/4"				1-1/2"		
Unit	Maximum starting current			A	0	77.7	78.7	88.7	99.8	101.9	120.7
	Maximum running current			A	22.2	25.3	26.4	35.2	47.4	49.6	67.2
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400						

(1) EWAQ-BAWN: Version without pump (2) EWAQ-BAWP: Version with pump

Air cooled multi-scroll chiller, standard efficiency, standard sound

- Single refrigerant circuit (2 scroll compressors) with single evaporator
- Compact design
- Micro channel heat exchanger technology reduces the amount of refrigerant used in the system, lowering environmental impact
- Partial and total heat recovery option available
- Stainless steel plate heat exchanger
- MicroTech III controller with superior control logic and easy interface

Cooling only				**EWAQ-G-SS**	**075**	**085**	**100**	**110**	**120**	**140**	**155**
Cooling capacity	Nom.			kW	74.7	84.2	96.7	107	117	139	154
Power input	Cooling	Nom.		kW	27.7	31.2	35.0	39.5	43.4	51.1	57.2
Capacity control	Method				Step						
	Minimum capacity			%	50	44	50	44	50	43	50
EER					2.70		2.76	2.70		2.73	2.70
ESEER					4.11	4.23	4.04	4.12	3.91	4.20	4.06
IPLV					4.79	4.97	4.78	4.86	4.66	4.92	4.78
Dimensions	Unit	Height		mm	1,800						
		Width		mm	1,195						
		Depth		mm	2,140		2,680			3,200	
Weight	Unit			kg	681	792	923	953	982	1,037	1,066
	Operation weight			kg	692	802	934	963	993	1,054	1,085
Water heat exchanger	Type				Brazed plate						
	Water flow rate	Cooling	Nom.	l/s	3.6	4.0	4.6	5.1	5.6	6.7	7.4
	Water pressure drop	Cooling	Nom.	kPa	15.5	27.3	36.9	31.6	36.0	27.5	25.8
	Water volume			l	5.60	4.90		5.60		8.10	9.40
Air heat exchanger	Type				Microchannel						
Compressor	Type				Scroll compressor						
	Quantity				2						
Fan	Type				Direct propeller						
	Quantity				4		6			8	
	Air flow rate	Nom.		l/s	6,017	6,444	9,029			12,008	
	Speed			rpm	1,360						
Sound power level	Cooling	Nom.		dBA	83	85	87	89			
Sound pressure level	Cooling	Nom.		dBA	66	68	69	71			
Operation range	Air side	Cooling	Min.~Max.	°CDB	-10~42						
	Water side	Cooling	Min.~Max.	°CDB	-10~15						
Refrigerant	Type / GWP				R-410A / 2,087.5						
	Circuits	Quantity			1						
Refrigerant charge	Per circuit			kg	8.5	10.4	10.7	11.5	12.9	14.1	13.4
				TCO_2eq	17.7	21.7	22.3	24.0	26.9	29.4	28.0
Piping connections	Evaporator water inlet/outlet (OD)				2" 1/2						
Unit	Starting current	Max		A	211	262	270	317	325	365	379
	Running current	Cooling	Nom.	A	54	58	62	70	79	89	102
		Max		A	68	74	81	89	97	114	129
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400						

Air cooled multi-scroll chiller, standard efficiency, reduced sound

EWAQ-G-SS/SR MicroTech III

Cooling only				EWAQ-G-SR	075	085	100	110	120	140	155
Cooling capacity	Nom.			kW	69.3	78.9	91.0	99.7	109	130	143
Power input	Cooling	Nom.		kW	29.4	33.1	36.8	42.0	46.3	54.0	61.2
Capacity control	Method				Step						
	Minimum capacity			%	50	44	50	44	50	43	50
EER					2.36	2.38	2.47	2.38	2.35	2.42	2.34
ESEER					3.94	4.12	3.94	4.02	3.74	4.12	3.88
IPLV					4.67	4.85	4.71	4.78	4.50	4.85	4.61
Dimensions	Unit	Height		mm	1,800						
		Width		mm	1,195						
		Depth		mm	2,140		2,680			3,200	
Weight	Unit			kg	711	822	953	983	1,012	1,067	1,096
	Operation weight			kg	722	832	964	993	1,023	1,084	1,115
Water heat exchanger	Type				Brazed plate						
	Water flow rate	Cooling	Nom.	l/s	3.3	3.8	4.4	4.8	5.2	6.2	6.9
	Water pressure drop	Cooling	Nom.	kPa	13.3	24.0	32.6	27.6	31.1	24.1	22.2
	Water volume			l	5.58	4.86		5.60		8.10	9.36
Air heat exchanger	Type				Microchannel						
Compressor	Type				Scroll compressor						
	Quantity				2						
Fan	Type				Direct propeller						
	Quantity				4		6			8	
	Air flow rate	Nom.		l/s	4,523	5,046	6,787			9,023	
	Speed			rpm	1,108						
Sound power level	Cooling	Nom.		dBA	79	82	84	86			
Sound pressure level	Cooling	Nom.		dBA	62	65	66	68			
Operation range	Air side	Cooling	Min.~Max.	°CDB	-10~42						
	Water side	Cooling	Min.~Max.	°CDB	-10~15						
Refrigerant	Type / GWP				R-410A / 2,087.5						
	Circuits	Quantity			1						
Refrigerant charge	Per circuit			kg	8.5	10.4	10.7	11.5	12.9	14.1	13.4
				TCO_2eq	17.7	21.7	22.3	24.0	26.9	29.4	28.0
Piping connections	Evaporator water inlet/outlet (OD)				2" 1/2						
Unit	Starting current	Max		A	211	262	270	317	325	365	379
	Running current	Cooling	Nom.	A	57	61	65	74	84	93	109
		Max		A	68	74	81	89	97	114	129
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400						

Air cooled multi-scroll chiller, high efficiency, standard sound

- Single refrigerant circuit (2 scroll compressors) with single evaporator
- Compact design
- Micro channel heat exchanger technology reduces the amount of refrigerant used in the system, lowering environmental impact
- Partial and total heat recovery option available
- Stainless steel plate heat exchanger
- MicroTech III controller with superior control logic and easy interface

Cooling only				**EWAQ-G-XS**	**080**	**090**	**105**	**115**	**130**	**150**
Cooling capacity	Nom.			kW	79.8	90.3	105	117	131	149
Power input	Cooling	Nom.		kW	25.8	29.0	33.8	37.7	42.3	48.1
Capacity control	Method				Step					
	Minimum capacity			%	50	44	50	44	50	43
EER					3.10	3.11	3.12		3.10	
ESEER					4.20	4.30	4.28	4.34	4.22	4.36
IPLV					4.82	5.04	4.96	5.02	4.92	5.05
Dimensions	Unit	Height		mm	1,800				1,820	
		Width		mm	1,195					
		Depth		mm	2,680	3,200			3,800	
Weight	Unit			kg	734	850	987	1,024	1,086	1,123
	Operation weight			kg	744	860	1,002	1,040	1,102	1,144
Water heat exchanger	Type				Brazed plate					
	Water flow rate	Cooling	Nom.	l/s	3.8	4.3	5.0	5.6	6.3	7.1
	Water pressure drop	Cooling	Nom.	kPa	25.7	32.7	20.3	19.9	25.4	20.6
	Water volume			l	5.58	4.86		5.60		8.10
Air heat exchanger	Type				Microchannel					
Compressor	Type				Scroll compressor					
	Quantity				2					
Fan	Type				Direct propeller					
	Quantity				6		8		10	
	Air flow rate	Nom.		l/s	9,029	9,498	12,008		15,046	
	Speed			rpm	1,360					
Sound power level	Cooling	Nom.		dBA	84	85	87	89		71
Sound pressure level	Cooling	Nom.		dBA	66	68	69	71		
Operation range	Air side	Cooling	Min.~Max.	°CDB	-10~45					
	Water side	Cooling	Min.~Max.	°CDB	-10~15					
Refrigerant	Type / GWP				R-410A / 2,087.5					
	Circuits	Quantity			1					
Refrigerant charge	Per circuit			kg	9.1	12.7	13.1	13.2	16.1	15.0
				TCO_2eq	19.0	26.5	27.3	27.6	33.6	31.3
Piping connections	Evaporator water inlet/outlet (OD)				2" 1/2					
Unit	Starting current	Max		A	213	264	272	319	329	367
	Running current	Cooling	Nom.	A	52	56	61	69	76	87
		Max		A	70	75	83	91	101	116
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400					

Air cooled multi-scroll chiller, high efficiency, reduced sound

EWAQ-G-XS/XR

MicroTech III

Cooling only				EWAQ-G-XR	080	090	105	115	130	150
Cooling capacity	Nom.			kW	76.0	86.0	100	110	125	141
Power input	Cooling	Nom.		kW	26.4	29.9	34.7	39.0	43.3	49.8
Capacity control	Method				Step					
	Minimum capacity			%	50	44	50	44	50	43
EER					2.88		2.89	2.83	2.88	2.83
ESEER					4.18	4.29	4.27	4.31	4.21	4.33
IPLV					4.85	4.99	4.93	4.99	4.89	5.03
Dimensions	Unit	Height		mm	1,800				1,820	
		Width		mm	1,195					
		Depth		mm	2,680	3,200			3,800	
Weight	Unit			kg	764	880	1,017	1,054	1,116	1,153
	Operation weight			kg	774	890	1,032	1,070	1,132	1,174
Water heat exchanger	Type				Brazed plate					
	Water flow rate	Cooling	Nom.	l/s	3.6	4.1	4.8	5.3	6.0	6.7
	Water pressure drop	Cooling	Nom.	kPa	23.3	29.6	18.4	17.8	23.0	18.4
	Water volume			l	5.58	4.86		5.60		8.10
Air heat exchanger	Type				Microchannel					
Compressor	Type				Scroll compressor					
	Quantity				2					
Fan	Type				Direct propeller					
	Quantity				6		8		10	
	Air flow rate	Nom.		l/s	6,787	7,356	9,023		11,309	
	Speed			rpm	1,108					
Sound power level	Cooling	Nom.		dBA	80	82	84		86	
Sound pressure level	Cooling	Nom.		dBA	62	65	66	68	67	
Operation range	Air side	Cooling	Min.~Max.	°CDB	-10~45					
	Water side	Cooling	Min.~Max.	°CDB	-10~15					
Refrigerant	Type / GWP				R-410A / 2,087.5					
	Circuits	Quantity			1					
Refrigerant charge	Per circuit			kg	9.1	12.7	13.1	13.2	16.1	15.0
				TCO_2eq	19.0	26.5	27.3	27.6	33.6	31.3
Piping connections	Evaporator water inlet/outlet (OD)				2" 1/2					
Unit	Starting current	Max		A	213	264	272	319	329	367
	Running current	Cooling	Nom.	A	54	58	63	71	78	90
		Max		A	70	75	83	91	101	116
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400					

Air cooled multi-scroll chiller, high efficiency, standard/low sound

› Reliable and efficient scroll compressors with high EER values
› A series of advantages thanks to the use of large-capacity scroll compressors: increased competitiveness, reduced weight, clearances around the unit
› **Reduced footprint thanks to the V-shaped frame**
› Large operation range: ambient temperatures up to 52°C and down to -18°C
› Ideal solution for **a broad range of comfort and process applications**
› The unit can be equipped with a hydraulic module optimizing installation time, space and cost
› MicroTech III controller with superior control logic and easy interface

Cooling only				**EWAQ-E-XS/XL**	**180**	**200**	**230**	**260**	**320**	**340**
Cooling capacity	Nom.			kW	178	200	226	263	315	334
Power input	Cooling	Nom.		kW	58.0	65.4	73.8	86.2	103	110
Capacity control	Method				Step					
	Minimum capacity			%	50.0	43.0	50.0	33.0	27.0	33.0
EER					3.06				3.05	
ESEER					4.02	4.11	3.91	4.18	4.17	4.14
IPLV					4.50	4.68	4.51	4.83	4.76	4.66
Dimensions	Unit	Height		mm	2,271				2,447	
		Width		mm	1,224					
		Depth		mm	4,413		5,313		6,213	
Weight (XS)	Unit			kg	1,722	1,807	1,871	2,173	2,304	2,492
	Operation weight			kg	1,734	1,819	1,885	2,188	2,318	2,507
Weight (XL)	Unit			kg	1,876	1,965	2,032	2,370	2,507	2,705
	Operation weight			kg	1,889	1,978	2,047	2,385	2,522	2,719
Water heat exchanger	Type				Plate heat exchanger					
	Water flow rate	Cooling	Nom.	l/s	8.5	9.6	10.8	12.6	15.1	16.0
	Water pressure drop	Cooling	Nom.	kPa	27	34	35	47		54
	Water volume			l	12		14			
Air heat exchanger	Type				High efficiency fin and tube type					
Compressor	Type				Scroll compressor					
	Quantity				2			3		
Fan	Type				Direct propeller					
	Quantity				4		5		6	
	Air flow rate	Nom.		l/s	21,845	21,148	26,874	25,884	32,953	32,065
	Speed			rpm	900					
Sound power level (XS)	Cooling	Nom.		dBA	93	94	96	95	96	97
Sound power level (XL)	Cooling	Nom.		dBA	91	92	93	92	93	94
Sound pressure level (XS)	Cooling	Nom.		dBA	75	76			77	
Sound pressure level (XL)	Cooling	Nom.		dBA	73				74	
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~52					
	Water side	Cooling	Min.~Max.	°CDB	-13~18					
Refrigerant	Type / GWP				R-410A / 2,087.5					
	Circuits	Quantity			1					
Refrigerant charge (XS)	Per circuit			kg	24.0	31.0	27.0	40.0	43.0	53.0
				TCO_2eq	50.1	64.7	56.4	83.5	89.8	110.6
Refrigerant charge (XL)	Per circuit			kg	28	31	27	40	43	53
				TCO_2eq	58.5	64.7	56.4	83.5	89.8	110.6
Piping connections	Evaporator water inlet/outlet (OD)				3"					
Unit	Starting current	Max		A	445	557	576		639	653
	Running current	Cooling	Nom.	A	103	115	129	151	179	190
		Max		A	137	151	170	200	233	248
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400					

Air cooled multi-scroll chiller, high efficiency, reduced sound

EWAQ-E-XS/XL/XR

MicroTech III

Cooling only				EWAQ-E-XR	170	190	220	260	300	320
Cooling capacity	Nom.			kW	172	186	219	254	302	303
Power input	Cooling	Nom.		kW	56.5	64.4	71.8	85.4	102	109
Capacity control	Method				Step					
	Minimum capacity			%	50.0	43.0	50.0	33.0	27.0	33.0
EER					3.05	2.98	3.05	2.97	2.96	2.78
ESEER					4.45	4.57	4.33	4.65	4.62	4.50
IPLV					5.09	5.00	4.90	5.04	5.07	5.20
Dimensions	Unit	Height		mm	2,271				2,447	
		Width		mm	1,224					
		Depth		mm	4,413		5,313		6,213	
Weight	Unit			kg	1,970	2,064	2,134	2,489	2,632	2,840
	Operation weight			kg	1,982	2,076	2,148	2,503	2,647	2,855
Water heat exchanger	Type				Plate heat exchanger					
	Water flow rate	Cooling	Nom.	l/s	8.2	8.9	10.5	12.1	14.5	
	Water pressure drop	Cooling	Nom.	kPa	26	37	33	44	43	50
	Water volume			l	12		14			
Air heat exchanger	Type				High efficiency fin and tube type					
Compressor	Type				Scroll compressor					
	Quantity				2			3		
Fan	Type				Direct propeller					
	Quantity				4		5		6	
	Air flow rate	Nom.		l/s	16,743	16,285	20,618	20,056	25,243	24,604
	Speed			rpm	705					
Sound power level	Cooling	Nom.		dBA	85	86	87	86	88	89
Sound pressure level	Cooling	Nom.		dBA	66	67	68	67	68	69
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~52					
	Water side	Cooling	Min.~Max.	°CDB	-13~18					
Refrigerant	Type / GWP				R-410A / 2,087.5					
	Circuits	Quantity			1					
Refrigerant charge	Per circuit			kg	24.0	31.0	27.0	40.0	43.0	53.0
				TCO_2eq	50.1	64.7	56.4	83.5	89.8	110.6
Piping connections	Evaporator water inlet/outlet (OD)				3"					
Unit	Starting current	Max		A	439	551	569		630	644
	Running current	Cooling	Nom.	A	101	113	126	150	178	189
		Max		A	131	145	162	193	224	239
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400					

Air cooled multi-scroll chiller, standard efficiency, standard/low sound

- Reliable and efficient scroll compressors with high EER values
- A series of advantages thanks to the use of large-capacity scroll compressors: increased competitiveness, reduced weight, clearances around the unit
- **2 truly independent refrigerant circuits**
- Reduced footprint thanks to the **V-shaped frame** (EWAQ210-350/400F-SS/SL & EWAQ200-330/370F-SR)
- Large operation range: ambient temperatures up to 52°C and down to -18°C
- The unit can be equipped with a hydraulic module optimizing installation time, space and cost
- Ideal solution for a broad range of comfort and process applications
- MicroTech III controller with superior control logic and easy interface

Cooling only				**EWAQ-F-SS/SL**	**210**	**230**	**250**	**280**	**320**	**350**	**360**	**400**	**410**	**480**	**550**	**610**
Cooling capacity	Nom.			kW	206	224	247	283	313	359		423	407	480	551	609
Power input	Cooling	Nom.		kW	73.3	84.9	93.6	109	122	141		154		187	207	229
Capacity control	Method				Step											
	Minimum capacity			%	25.0	22.0	25.0	23.0	25.0	21.0		25.0		17.0	14.0	17.0
EER					2.81	2.64		2.60	2.58	2.55		2.75	2.64	2.57	2.67	2.66
ESEER					3.79	3.77	3.81	3.74	3.78	3.73	4.02	3.74	4.04	4.13	4.05	4.08
IPLV					4.50	4.45	4.50	4.44	4.53	4.29	4.41	4.30	4.46	4.55	4.63	4.72
Dimensions	Unit	Height		mm	2,271						2,221	2,447	2,397	2,221		
		Width		mm	1,224						2,258	1,224	2,258			
		Depth		mm	4,413			5,313		6,213	3,210	6,213	3,210	4,110	5,010	
Weight (SS)	Unit			kg	2,058		2,130	2,202	2,284	2,409	2,509	2,659	2,759	2,990	3,336	3,558
	Operation weight			kg	2,070		2,142	2,216	2,298	2,424	2,524	2,699	2,799	3,036	3,382	3,604
Weight (SL)	Unit			kg	2,297		2,373	2,449	2,535	2,666	2,766	2,968	3,068	3,315	3,679	3,912
	Operation weight			kg	2,309		2,385	2,463	2,549	2,681	2,781	3,008	3,108	3,362	3,725	3,958
Water heat exchanger	Type				Plate heat exchanger											
	Water volume			l	12			14				40		46		
	Water flow rate	Cooling	Nom.	l/s	9.9	10.7	11.8	13.6	15.0	17.2		20.3	19.5	23.0	26.4	29.2
	Water pressure drop	Cooling	Nom.	kPa	37	43	53	56	69	30		27	32	35	46	56
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler											
Compressor	Type				Scroll compressor											
	Quantity				4									6		
Fan	Type				Direct propeller											
	Quantity				4			5		6				8	10	
	Air flow rate	Nom.		l/s	21,845		21,148	27,306	26,435	32,767		36,265	32,513	43,690	54,612	52,870
	Speed			rpm	900							980	900			
Sound power level (SS)	Cooling	Nom.		dBA	93	94		95		97					99	
Sound power level (SL)	Cooling	Nom.		dBA	91	92		93		94				95	96	
Sound pressure level (SS)	Cooling	Nom.		dBA	75			76		77	78				79	
Sound pressure level (SL)	Cooling	Nom.		dBA	73					74	75	74	75		76	
Operation range	Water side	Cooling	Min.~Max.	°CDB	-13~18											
	Air side	Cooling	Min.~Max.	°CDB	-18~52											
Refrigerant	Type / GWP				R-410A / 2,087.5											
	Circuits	Quantity			2											
Refrigerant charge	Per circuit			kg	14.0		15.5	16.5	20.0	23.0		27.0		28.0	32.5	40.0
				TCO_2eq	29.2		32.4	34.4	41.8	48.0		56.4		58.5	67.8	83.5
Piping connections	Evaporator water inlet/outlet (OD)				3"											
Unit	Maximum starting current			A	349	404	419	476	505	621		649		634	768	810
	Nominal running current (RLA)	Cooling		A	130	147	161	187	208	242		259	262	322	356	391
	Maximum running current			A	160	176	191	225	254	286		314		383	433	474
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400											

Air cooled multi-scroll chiller, standard efficiency, reduced sound

EWAQ-F-SS/SL/SR

MicroTech III

Cooling only				EWAQ-F-SR	200	220	240	270	300	330	340	370	380	460	530	580
Cooling capacity	Nom.			kW	198	214	235	270	298	341		383		456	527	580
Power input	Cooling	Nom.		kW	73.4	86.0	95.6	110	125	144		159		191	208	233
Capacity control	Method				Step											
	Minimum capacity			%	25.0	22.0	25.0	23.0	25.0	21.0		25.0		17.0	14.0	17.0
EER					2.70	2.49	2.46	2.45	2.38	2.37		2.41		2.39	2.53	2.49
ESEER					4.27	4.20	4.13	4.16	4.08	4.10	4.27	4.03	4.16	4.53	4.49	4.43
IPLV					4.96	4.89	4.82	4.92	4.85	4.71	4.86	4.61	4.73	5.09	5.00	4.93
Dimensions	Unit	Height		mm	2,271						2,221	2,447	2,397	2,221		
		Width		mm	1,224						2,258	1,224	2,258			
		Depth		mm	4,413			5,313		6,213	3,210	6,213	3,210	4,110	5,010	
Weight	Unit			kg	2,412		2,491	2,571	2,661	2,799	2,899	3,116	3,216	3,481	3,863	4,108
	Operation weight			kg	2,424		2,504	2,585	2,676	2,814	2,914	3,156	3,256	3,527	3,909	4,154
Water heat exchanger	Type				Plate heat exchanger											
	Water volume			l	12			14				40		46		
	Water flow rate	Cooling	Nom.	l/s	9.5	10.2	11.3	13.0	14.3	16.3		18.3		21.8	25.2	27.8
	Water pressure drop	Cooling	Nom.	kPa	34	40	48	51	63	27		29		31	42	51
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler											
Compressor	Type				Scroll compressor											
	Quantity				4									6		
Fan	Type				Direct propeller											
	Quantity				4			5		6				8	10	
	Air flow rate	Nom.		l/s	16,743		16,285	20,929	20,356	25,115		24,922		33,487	41,858	40,713
	Speed			rpm	705											
Sound power level	Cooling	Nom.		dBA	85	86	87			89		90		89	91	92
Sound pressure level	Cooling	Nom.		dBA	66	67	68			69	70		71	70	71	72
Operation range	Water side	Cooling	Min.~Max.	°CDB	-13~18											
	Air side	Cooling	Min.~Max.	°CDB	-18~52											
Refrigerant	Type / GWP				R-410A / 2,087.5											
	Circuits	Quantity			2											
Refrigerant charge	Per circuit			kg	16.0		18.0	19.0	20.0	23.0		27.0		28.0	32.5	40.0
				TCO_2eq	33.4		37.6	39.7	41.8	48.0		56.4		58.5	67.8	83.5
Piping connections	Evaporator water inlet/outlet (OD)				3"											
Unit	Maximum starting current			A	344	398	414	469	498	613		641		623	754	796
	Nominal running current (RLA)	Cooling		A	129	149	164	189	214	247		270		328	359	398
	Maximum running current			A	155	170	186	218	247	277		305		372	419	460
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400											

Air cooled multi-scroll chiller, high efficiency, standard/low sound

› Reliable and efficient scroll compressors with **high EER values**
› A series of advantages thanks to the use of large-capacity scroll compressors: increased competitiveness, reduced weight, clearances around the unit
› **2 truly independent refrigerant circuits**
› Reduced footprint thanks to the **V-shaped frame** (EWAQ170-310/350F-XS/XL & EWAQ170-300/330F-XR)
› Large operation range: ambient temperatures up to 52°C and down to -18°C
› The unit can be equipped with a hydraulic module optimizing installation time, space and cost
› Ideal solution for a broad range of comfort and process applications
› MicroTech III controller with superior control logic and easy interface

Cooling only				**EWAQ-F-XS/XL**	**170**	**200**	**220**	**250**	**310**	**320**	**350**	**360**	**400**	**430**	**450**	**520**	**610**	**680**
Cooling capacity	Nom.			kW	170	194	220	244	316		356		403	428	457	528	607	672
Power input	Cooling	Nom.		kW	54.8	62.2	70.6	78.3	102		115		130	137	146	170	198	219
Capacity control	Method				Step													
	Minimum capacity			%	25.0	21.0	25.0	22.0	23.0		25.0		21.0	20.0	25.0	17.0	14.0	17.0
EER					3.11	3.13	3.12		3.09				3.10	3.12		3.10	3.07	
ESEER					3.90	4.10	3.95	4.08	4.04	4.30	4.05	4.33	4.24	4.27	4.23	4.35	4.30	4.23
IPLV					4.56	4.76	4.67	4.70	4.67	4.60	4.64	4.80	4.72	4.65	4.61	4.95	4.82	4.68
Dimensions	Unit	Height		mm	2,271					2,221	2,271		2,221					
		Width		mm	1,224					2,258	1,224		2,258					
		Depth		mm	4,413		5,313		6,213	3,210	6,213	3,210	4,110			5,010		5,910
Weight (XS)	Unit			kg	1,688	1,958	2,210	2,339	2,500	2,600	2,632	2,732	2,744	2,845	2,861	3,569	3,667	4,054
	Operation weight			kg	1,700	1,973	2,225	2,353	2,514		2,672	2,772	2,784	2,891	2,907	3,615	3,727	4,115
Weight (XL)	Unit			kg	1,909	2,193	2,457	2,592	2,761	2,861	2,900	3,000	3,017	3,124	3,141	3,923	4,026	4,434
	Operation weight			kg	1,921	2,207	2,472	2,607	2,776	2,876	2,940	3,040	3,057	3,170	3,187	3,970	4,087	4,494
Water heat exchanger	Type				Plate heat exchanger													
	Water volume			l	12	14					40			46			60	
	Water flow rate	Cooling	Nom.	l/s	8.2	9.3	10.5	11.7	15.1		17.0		19.3	20.5	21.8	25.3	29.0	32.2
	Water pressure drop	Cooling	Nom.	kPa	25	27	34	42	22		23		31	29	30	41	44	55
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler													
Compressor	Type				Scroll compressor													
	Quantity				4											6		
Fan	Type				Direct propeller													
	Quantity				4		5		6				8			10		12
	Air flow rate	Nom.		l/s	21,845	21,148	26,874	25,204	31,722		30,245		42,296	40,326		50,408		60,489
	Speed			rpm	900													
Sound power level (XS)	Cooling	Nom.		dBA	91	93	94	95	96				97	98			99	100
Sound power level (XL)	Cooling	Nom.		dBA	90	91	92		93				95				96	97
Sound pressure level (XS)	Cooling	Nom.		dBA	72	74	75	76	77	76	77		78	79		78	79	
Sound pressure level (XL)	Cooling	Nom.		dBA	71	73			74				75				76	
Operation range	Water side	Cooling	Min.~Max.	°CDB	-13~18													
	Air side	Cooling	Min.~Max.	°CDB	-18~52													
Refrigerant	Type / GWP				R-410A / 2,087.5													
	Circuits	Quantity			2													
Refrigerant charge	Per circuit			kg	14.0	15.5	16.5	20.0	26.0				31.0			37.0	36.0	41.5
				TCO_2eq	29.2	32.4	34.4	41.8	54.3				64.7			77.2	75.2	86.6
Piping connections	Evaporator water inlet/outlet (OD)				3"													
Unit	Maximum starting current			A	281	338	353	408	480		509		629	643	657	642	768	818
	Nominal running current (RLA)	Cooling		A	110	117	128	141	181		202		229	240	254	300	343	379
	Maximum running current			A	138	149	164	180	229		258		294	308	322	391	433	482
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400													

Air cooled multi-scroll chiller, high efficiency, reduced sound

EWAQ-F-XS/XL/XR

MicroTech III

Cooling only					EWAQ-F-XR	170	190	210	240	300	310	330	340	390	410	430	500	580	650
Cooling capacity	Nom.				kW	165	188	211	236	304		340		385	407	433	502	579	645
Power input	Cooling	Nom.			kW	53.0	61.2	68.7	77.3	101		117		128	136	146	170	200	219
Capacity control	Method					Step													
	Minimum capacity				%	25.0	21.0	25.0	22.0	23.0		25.0		21.0	20.0	25.0	17.0	14.0	17.0
EER						3.12	3.07	3.08	3.05	3.00		2.92		3.01	2.99	2.96		2.90	2.95
ESEER						4.53	4.64	4.51	4.60	4.53	4.68	4.44	4.63	4.68	4.64	4.54	4.82	4.69	4.65
IPLV						5.25	5.04	5.19	5.27	5.04	5.16	5.01	4.89	5.04	4.90	4.99	5.13	5.15	5.18
Dimensions	Unit	Height			mm	2,271					2,221	2,271		2,221					
		Width			mm	1,224					2,258	1,224		2,258					
		Depth			mm	4,413		5,313		6,213	3,210	6,213	3,210	4,110			5,010		5,910
Weight	Unit				kg	2,004	2,303	2,580	2,722	2,900	3,000	3,045	3,145	3,168	3,280	3,298	4,120	4,228	4,655
	Operation weight				kg	2,017	2,317	2,594	2,736	2,914	3,014	3,085	3,185	3,208	3,326	3,344	4,166	4,288	4,716
Water heat exchanger	Type					Plate heat exchanger													
	Water volume				l	12	14					40			46			60	
	Water flow rate	Cooling	Nom.		l/s	7.9	9.0	10.1	11.3	14.5		16.3		18.4	19.5	20.7	24.0	27.7	30.9
	Water pressure drop	Cooling	Nom.		kPa	24	25	31	39	21				28	26	27	38	40	51
Air heat exchanger	Type					High efficiency fin and tube type with integral subcooler													
Compressor	Type					Scroll compressor													
	Quantity					4											6		
Fan	Type					Direct propeller													
	Quantity					4		5		6				8			10		12
	Air flow rate	Nom.			l/s	16,743	16,285	20,618	19,522	24,428		23,426		32,570	31,235		39,044		46,852
	Speed				rpm	705													
Sound power level	Cooling	Nom.			dBA	83	84	85	86	87				89		90	89	90	92
Sound pressure level	Cooling	Nom.			dBA	64	65	66	67		68	67	68	69	70		69	70	71
Operation range	Water side	Cooling	Min.~Max.		°CDB	-13~18													
	Air side	Cooling	Min.~Max.		°CDB	-18~52													
Refrigerant	Type / GWP					R-410A / 2,087.5													
	Circuits	Quantity				2													
Refrigerant charge	Per circuit				kg	14.0	15.5	16.5	20.0	24.0	26.0			31.0			35.0	36.0	41.5
					TCO_2eq	29.2	32.4	34.4	41.8	50.1	54.3			64.7			73.1	75.2	86.6
Piping connections	Evaporator water inlet/outlet (OD)					3"													
Unit	Maximum starting current				A	276	332	346	401	472		501		618	632	646	628	754	801
	Nominal running current (RLA)	Cooling			A	107	116	125	139	180		204		226	239	255	300	347	380
	Maximum running current				A	132	143	157	173	220		249		283	296	310	377	419	465
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/400													

Air cooled multi-scroll inverter chiller, high efficiency, standard sound

› High efficiency **DC inverter scroll** compressors
› Advanced compressor and fan design resulting in low operating sound levels
› Dual independent refrigerant circuit for built-in redundancy and reliable operation
› Wide operating range in cooling mode
› Reduced footprint thanks to the **V-shaped frame** (EWAQ210GZXS & EWAQ190GZXR)
› MicroTech III controller with superior control logic and easy interface

Cooling only				**EWAQ-GZXS**	**210**	**270**	**320**	**340**	**400**
Cooling capacity	Nom.			kW	201	270	323	340	395
Power input	Cooling	Nom.		kW	72.5	94.0	122	117	144
Capacity control	Method				Stepless				
	Minimum capacity			%	14.4	14.3	14.9	14.3	14.8
EER					2.77	2.87	2.64	2.92	2.75
ESEER					4.79	4.89	4.90	4.77	4.78
IPLV					5.11	5.26	5.40	5.21	5.23
Dimensions	Unit	Height		mm	2,270	2,223			
		Width		mm	1,290	2,234			
		Depth		mm	4,450	3,560		4,460	
Weight	Unit			kg	1,600	2,100	2,150	2,400	2,500
	Operation weight			kg	1,677	2,233	2,297	2,575	2,688
Water heat exchanger	Type				Plate heat exchanger				
	Water volume			l	29	61	75	79	92
	Water flow rate	Cooling	Nom.	l/s	9.6	12.9	15.4	16.3	18.9
	Water pressure drop	Cooling	Total	kPa	27	14	15	16	18
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler				
Compressor	Type				DC Inverter Scroll				
	Quantity				6	8	10		12
Fan	Type				Direct propeller				
	Quantity				4	6		8	
	Air flow rate	Nom.		l/s	17,473	26,209		34,946	
	Speed			rpm	920				
Sound power level	Cooling	Nom.		dBA	92	94		96	
Sound pressure level	Cooling	Nom.		dBA	75	78			79
Operation range	Water side	Cooling	Min.~Max.	°CDB	-8~20				
	Air side	Cooling	Min.~Max.	°CDB	-18~43				
Refrigerant	Type / GWP				R-410A / 2,087.5				
	Circuits	Quantity			1	2			
Refrigerant charge	Per circuit			kg	48.0	36.0		48.0	
				TCO_2eq	100.2	75.2		100.2	
Piping connections	Evaporator water inlet/outlet (OD)				2.5"	4.5"			
Unit	Maximum starting current			A	2				
	Nominal running current (RLA)	Cooling		A	114	155	195	189	227
	Maximum running current			A	155	236	281	286	309
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400				

Air cooled multi-scroll inverter chiller, high efficiency, reduced sound

EWAQ-GZXS/XR MicroTech III

Cooling only				EWAQ-GZXR	190	270	320	340	390
Cooling capacity	Nom.			kW	196	264	315	334	386
Power input	Cooling	Nom.		kW	73.3	94.8	124	117	145
Capacity control	Method				Stepless				
	Minimum capacity			%	14.4	14.3	14.9	14.3	14.8
EER					2.68	2.79	2.53	2.86	2.65
ESEER					4.88	4.95	5.05	5.07	
IPLV					5.16	5.25		5.27	5.24
Dimensions	Unit	Height		mm	2,270	2,223			
		Width		mm	1,290	2,234			2,241
		Depth		mm	4,450	3,560		4,460	
Weight	Unit			kg	1,618	2,124	2,180	2,430	2,536
	Operation weight			kg	1,695	2,257	2,327	2,605	2,724
Water heat exchanger	Type				Plate heat exchanger				
	Water volume			l	29	61	75	79	92
	Water flow rate	Cooling	Nom.	l/s	9.4	12.6	15.0	16.0	18.5
	Water pressure drop	Cooling	Total	kPa	26	14	15		17
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler				
Compressor	Type				DC Inverter Scroll				
	Quantity				6	8	10		12
Fan	Type				Direct propeller				
	Quantity				4	6		8	
	Air flow rate	Nom.		l/s	15,131	22,697		30,263	
	Speed			rpm	715				
Sound power level	Cooling	Nom.		dBA	89	91		92	
Sound pressure level	Cooling	Nom.		dBA	72	74		75	
Operation range	Water side	Cooling	Min.~Max.	°CDB	-8~20				
	Air side	Cooling	Min.~Max.	°CDB	-18~43				
Refrigerant	Type / GWP				R-410A / 2,087.5				
	Circuits	Quantity			1	2			
Refrigerant charge	Per circuit			kg	48.0	36.0		48.0	
				TCO_2Eq	100.2	75.2		100.2	
Piping connections	Evaporator water inlet/outlet (OD)				2.5"	4.5"			
Unit	Maximum starting current			A	2				
	Nominal running current (RLA)	Cooling		A	116	157	199	190	231
	Maximum running current			A	153	234	279	283	306
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400				

Air cooled screw chiller, standard efficiency, standard sound

› One refrigerant circuit with single screw compressor
› **Compact design** with brazed plate heat exchanger
› Large operation range (ambient temperature down to -18°C)
› Water supply down to -15°C

Cooling only					**EWAD-E-SS**	**100**	**120**	**140**	**160**	**180**	**210**	**260**	**310**	**360**	**410**
Cooling capacity	Nom.				kW	101	121	138	163	183	213	255	306	359	411
Power input	Cooling	Nom.			kW	39.1	47.5	53.9	60.9	69.0	72.4	87.8	112	134	147
Capacity control	Method					Stepless									
	Minimum capacity				%	25.0									
EER						2.58	2.54	2.55	2.67	2.64	2.95	2.90	2.73	2.67	2.80
ESEER						2.84	2.83	2.66	2.84	2.73	2.93	3.08	2.96	3.13	3.24
IPLV						3.36	3.25	2.98	3.13	3.25	3.48	3.68	3.56	3.61	3.65
Dimensions	Unit	Height			mm	2,273						2,223			
		Width			mm	1,292						2,236			
		Depth			mm	2,165		3,065		3,965		3,070			
Weight	Unit				kg	1,684		1,861		2,086		2,919			
	Operation weight				kg	1,699		1,881		2,116		2,963			
Water heat exchanger	Type					Plate heat exchanger									
	Water volume				l	12	15	17	20	24	30	25	30	36	44
	Water flow rate	Cooling	Nom.		l/s	4.8	5.8	6.6	7.8	8.7	10.2	12.2	14.6	17.2	19.7
	Water pressure drop	Cooling	Nom.		kPa	24	25	23	24	22	21	47	48		45
Air heat exchanger	Type					High efficiency fin and tube type with integral subcooler									
Compressor	Type					Single screw compressor						Asymmetric single screw compressor			
	Quantity					1									
Fan	Type					Direct propeller									
	Quantity					2		3		4		6			
	Air flow rate	Nom.			l/s	10,924	10,576	16,386	15,865	21,848	21,153	32,772		31,729	
	Speed				rpm	900									
Sound power level	Cooling	Nom.			dBA	92				93		94			95
Sound pressure level	Cooling	Nom.			dBA	74						75			76
Operation range	Water side	Cooling	Min.~Max.		°CDB	-15~15									
	Air side	Cooling	Min.~Max.		°CDB	-18~48									
Refrigerant	Type / GWP					R-134a / 1,430									
	Circuits	Quantity				1									
Refrigerant charge	Per circuit				kg	18.0	21.0	23.0	28.0	34.0	39.0	46.0		56.0	74.0
					TCO_2eq	25.7	30.0	32.9	40.0	48.6	55.8	65.8		80.1	105.8
Piping connections	Evaporator water inlet/outlet (OD)					3“									
Unit	Maximum starting current				A	151		195		288		330	410		
	Nominal running current (RLA)	Cooling			A	67	81	92	102	116	121	148	185	220	241
	Maximum running current				A	86	103	119	132	157	164	198	242	284	298
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/400									

Air cooled screw chiller, standard efficiency, low sound

EWAD-E-SS/SL

MicroTech III

Cooling only				EWAD-E-SL	100	120	130	160	180	210	250	300	350	400
Cooling capacity	Nom.			kW	97.6	116	134	157	177	208	248	295	344	397
Power input	Cooling	Nom.		kW	39.2	48.3	53.4	60.8	68.3	72.8	85.4	111	135	152
Capacity control	Method				Stepless									
	Minimum capacity			%	25.0									
EER					2.49	2.39	2.50	2.57	2.59	2.86	2.90	2.65	2.55	2.62
ESEER					2.92	2.88	2.76	2.91	2.98	3.22	3.44	3.31	3.24	3.35
IPLV					3.32	3.21	3.30	3.46	3.28	3.48	3.86	3.75	3.63	3.76
Dimensions	Unit	Height		mm	2,273						2,223			
		Width		mm	1,292						2,236			
		Depth		mm	2,165		3,065		3,965		3,070			
Weight	Unit			kg	1,784		1,961		2,186		3,029			
	Operation weight			kg	1,799		1,981		2,216		3,073			
Water heat exchanger	Type				Plate heat exchanger									
	Water volume			l	12	15	17	20	24	30	25	30	36	44
	Water flow rate	Cooling	Nom.	l/s	4.7	5.5	6.4	7.5	8.4	10.0	11.9	14.1	16.5	19.0
	Water pressure drop	Cooling	Nom.	kPa	23		22	23	21	20	45		44	42
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler									
Compressor	Type				Single screw compressor						Asymmetric single screw compressor			
	Quantity				1									
Fan	Type				Direct propeller									
	Quantity				2		3		4		6			
	Air flow rate	Nom.		l/s	8,373	8,144	12,560	12,216	16,747	16,288	25,120		24,432	
	Speed			rpm	700									
Sound power level	Cooling	Nom.		dBA	89		90				92			93
Sound pressure level	Cooling	Nom.		dBA	71						73			74
Operation range	Water side	Cooling	Min.~Max.	°CDB	-15~15									
	Air side	Cooling	Min.~Max.	°CDB	-18~48									
Refrigerant	Type / GWP				R-134a / 1,430									
	Circuits	Quantity			1									
Refrigerant charge	Per circuit			kg	18.0	21.0	23.0	28.0	34.0	39.0	46.0		56.0	74.0
				TCO_2eq	25.7	30.0	32.9	40.0	48.6	55.8	65.8		80.1	105.8
Piping connections	Evaporator water inlet/outlet (OD)				3"									
Unit	Maximum starting current			A	151		195		288		330	410		
	Nominal running current (RLA)	Cooling		A	67	83	92	103	116	122	144	184	223	249
	Maximum running current			A	83	100	115	128	151	158	189	234	276	290
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400									

Air cooled screw chiller, standard efficiency, standard sound

› 2 truly independent refrigerant circuits
› Stepless single-screw compressor
› Optimised for use with R-134a
› Large operation range (ambient temperature down to -18°C)
› MicroTech III controller with superior control logic and easy interface

Cooling only				**EWAD-D-SS**	**390**	**440**	**470**	**510**	**530**	**560**	**580**
Cooling capacity	Nom.			kW	388	435	463	500	529	553	575
Power input	Cooling	Nom.		kW	154	165	169	186	196	207	199
Capacity control	Method				Stepless						
	Minimum capacity			%	12.5						
EER					2.52	2.63	2.74	2.70		2.67	2.89
ESEER					3.26	3.43	3.44	3.41		3.45	3.29
IPLV					3.75	3.86	3.89	3.96		4.11	3.96
Dimensions	Unit	Height		mm	2,223						
		Width		mm	2,234						
		Depth		mm	3,139	4,040					
Weight	Unit			kg	2,960	4,030	4,220	4,230			4,235
	Operation weight			kg	3,090	4,195	4,395				
Water heat exchanger	Type				Single pass shell & tube						
	Water volume			l	130	165	175	165			160
	Water flow rate	Cooling	Nom.	l/s	18.6	20.8	22.2	24.0	25.4	26.5	27.6
	Water pressure drop	Cooling	Nom.	kPa	46	38	67	47	52	57	51
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler						
Compressor	Type				Single screw compressor	Asymmetric single screw compressor					
	Quantity				2						
Fan	Type				Direct propeller						
	Quantity				6		8				
	Air flow rate	Nom.		l/s	32,772	31,729	43,696				42,306
	Speed			rpm	890						
Sound power level	Cooling	Nom.		dBA	96	97			98	99	
Sound pressure level	Cooling	Nom.		dBA	77				79		
Operation range	Water side	Cooling	Min.~Max.	°CDB	-15~15						
	Air side	Cooling	Min.~Max.	°CDB	-18~48						
Refrigerant	Type / GWP				R-134a / 1,430						
	Circuits	Quantity			2						
Refrigerant charge	Per circuit			kg	28.0	33.0	36.0	38.0	40.0	43.0	47.0
				TCO_2eq	40.0	47.2	51.5	54.3	57.2	61.5	67.2
Piping connections	Evaporator water inlet/outlet (OD)				5.5"						
Unit	Maximum starting current			A	419	464	485		494		
	Nominal running current (RLA)	Cooling		A	254	274	281	306	321	336	324
	Maximum running current			A	312	330	359	380	391	402	
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400						

Air cooled screw chiller, standard efficiency, low sound

EWAD-D-SS/SL MicroTech III

Cooling only				EWAD-D-SL	180	200	230	250	260	280	300	320	370	400	440	480	510	530
Cooling capacity	Nom.			kW	183	197	224	244	260	274	297	320	368	402	438	475	503	531
Power input	Cooling	Nom.		kW	82.0	80.2	85.6	94.4	102	109	121	125	135	171	172	188	205	197
Capacity control	Method				Stepless													
	Minimum capacity			%	12.5													
EER					2.24	2.46	2.62	2.58	2.54	2.50	2.46	2.56	2.72	2.36	2.55	2.53	2.46	2.70
ESEER					2.91	3.03	3.21	3.11	3.16	3.13	3.10	3.14	3.31	3.54	3.56	3.46	3.56	3.66
IPLV					3.43	3.56	3.73	3.63	3.66	3.63	3.59	3.62	3.84	3.85	4.06	3.96	4.07	4.14
Dimensions	Unit	Height		mm	2,355									2,223				
		Width		mm	2,234													
		Depth		mm	2,239		3,139					4,040						
Weight	Unit			kg	2,475	2,470	2,860					3,187		4,030	4,220	4,230		4,235
	Operation weight			kg	2,500		2,960					3,300		4,195	4,395			
Water heat exchanger	Type				Plate heat exchanger		Single pass shell & tube											
	Water volume			l	25	30	100					130		165	170		165	160
	Water flow rate	Cooling	Nom.	l/s	8.8	9.4	10.7	11.7	12.5	13.1	14.2	15.3	17.7	19.3	21.0	22.8	24.1	25.4
	Water pressure drop	Cooling	Nom.	kPa	29	22	58	49	54	59	60	55	67	48	62	54	48	43
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler													
Compressor	Type				Single screw compressor									Asymmetric single screw compressor				
	Quantity				2													
Fan	Type				Direct propeller													
	Quantity				4		6					8		6	8			
	Air flow rate	Nom.		l/s	15,295	14,868	22,943		22,623	22,302		30,591		24,432	33,493			32,576
	Speed			rpm	900									705				
Sound power level	Cooling	Nom.		dBA	94							95	97	94			96	
Sound pressure level	Cooling	Nom.		dBA	75								78	75			76	77
Operation range	Water side	Cooling	Min.~Max.	°CDB	-15~15													
	Air side	Cooling	Min.~Max.	°CDB	-18~48													
Refrigerant	Type / GWP				R-134a / 1,430													
	Circuits	Quantity			2													
Refrigerant charge	Per circuit			kg	18.0	21.0	23.0	26.0	28.0	29.0			35.0	36.0	34.0		40.0	43.0
				TCO_2eq	25.7	30.0	32.9	37.2	40.0	41.5			50.1	51.5	48.6		57.2	61.5
Piping connections	Evaporator water inlet/outlet (OD)				3"		4"					5"						
Unit	Maximum starting current			A	218		234		277	286	298	300	305	460	480		488	
	Nominal running current (RLA)	Cooling		A	135	133	141	155	166	176	192	200	214	281	285	308	334	323
	Maximum running current			A	165		186	202	213	224	238	258	269	322	348	368	379	
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400													

Air cooled screw chiller, standard efficiency, reduced sound

› 2 truly independent refrigerant circuits
› Stepless single-screw compressor
› Optimised for use with R-134a
› Large operation range (ambient temperature down to -18°C)
› MicroTech III controller with superior control logic and easy interface

Cooling only				**EWAD-D-SR**	**180**	**190**	**220**	**240**	**250**	**270**	**280**	**310**	**370**	**400**	**440**	**480**	**510**	**530**
Cooling capacity	Nom.			kW	177	190	218	237	251	263	277	310	364	402	438	475	503	531
Power input	Cooling	Nom.		kW	84.5	83.1	86.2	95.6	104	112	123	127	140	171	172	188	205	197
Capacity control	Method				Stepless													
	Minimum capacity			%	12.5													
EER					2.09	2.28	2.53	2.48	2.41	2.34	2.25	2.45	2.60	2.36	2.55	2.53	2.46	2.70
ESEER					2.80	2.91	3.24	3.11	3.13	3.07	3.04	3.15	3.32	3.54	3.56	3.46	3.56	3.66
IPLV					3.29	3.42	3.74	3.59		3.56	3.53	3.70	3.88	3.90	4.06	3.96	4.07	4.14
Dimensions	Unit	Height		mm	2,355									2,223				
		Width		mm	2,234													
		Depth		mm	2,239		3,139					4,040						
Weight	Unit			kg	2,620		2,890					3,335		4,040	4,240			
	Operation weight			kg	2,650		3,100					3,450		4,342	4,542			
Water heat exchanger	Type				Plate heat exchanger		Single pass shell & tube											
	Water volume			l	25	30	100					130		165	170		165	160
	Water flow rate	Cooling	Nom.	l/s	8.5	9.1	10.4	11.3	12.0	12.6	13.3	14.9	17.4	19.3	21.0	22.8	24.1	25.4
	Water pressure drop	Cooling	Nom.	kPa	27	20	55	47	51	55		53	65	48	62	54	48	43
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler													
Compressor	Type				Single screw compressor									Asymmetric single screw compressor				
	Quantity				2													
Fan	Type				Direct propeller													
	Quantity				4		6					8		6	8			
	Air flow rate	Nom.		l/s	12,389	11,928	18,583		18,237	17,892		24,777		24,432	33,493			32,576
	Speed			rpm	680									705				
Sound power level	Cooling	Nom.		dBA	89							90	92	91			92	93
Sound pressure level	Cooling	Nom.		dBA	70								73	71			73	
Operation range	Water side	Cooling	Min.~Max.	°CDB	-15~15													
	Air side	Cooling	Min.~Max.	°CDB	-18~48													
Refrigerant	Type / GWP				R-134a / 1,430													
	Circuits	Quantity			2													
Refrigerant charge	Per circuit			kg	18.0	21.0	24.0		25.0		29.0		33.0	35.0	40.0	39.0	40.0	43.0
				TCO_2eq	25.7	30.0	34.3		35.8		41.5		47.2	50.1	57.2	55.8	57.2	61.5
Piping connections	Evaporator water inlet/outlet (OD)				3"		4"					5"						
Unit	Maximum starting current			A	217		232		275	284	295	297	302	460	480		488	
	Nominal running current (RLA)	Cooling		A	140	138	143	157	169	181	199	203	219	281	285	308	334	323
	Maximum running current			A	162		182	198	209	219	234	252	263	322	348	368	379	
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400													

Air cooled screw chiller. standard efficiency. extra low sound

EWAD-D-SR/SX MicroTech III

Cooling only				EWAD-D-SX	210	230	250	270	290	300	310	370	410	450	490
Cooling capacity	Nom.			kW	202	230	252	270	285	298	308	369	412	449	490
Power input	Cooling	Nom.		kW	80.8	86.0	94.4	105	115	127	137	150	171	175	189
Capacity control	Method				Stepless										
	Minimum capacity			%	12.5										
EER					2.50	2.68	2.67	2.56	2.47	2.35	2.25	2.46	2.41	2.56	2.60
ESEER					3.29	3.52	3.41	3.44	3.34	3.29	3.15	3.14	3.39	3.50	3.47
IPLV					3.82	4.08	3.99	4.01	3.92	3.84	3.69	4.03	3.90	3.98	3.90
Dimensions	Unit	Height		mm	2.420										
		Width		mm	2.234										
		Depth		mm	3.139	4.040								4.940	
Weight	Unit			kg	3.110	3.475		3.425	3.430			3.560	4.302	4.506	4.581
	Operation weight			kg	3.200	3.590						3.735	4.472	4.676	4.746
Water heat exchanger	Type				Single pass shell & tube										
	Water volume			l	90	115		165	160			175	170		165
	Water flow rate	Cooling	Nom.	l/s	9.7	11.0	12.1	12.9	13.7	14.3	14.7	17.7	19.7	21.5	23.5
	Water pressure drop	Cooling	Nom.	kPa	45	34	38		35	38	41	45	44	50	45
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler										
Compressor	Type				Single screw compressor								Asymmetric single screw compressor		
	Quantity				2										
Fan	Type				Direct propeller										
	Quantity				6	8								9	10
	Air flow rate	Nom.		l/s	12.876	17.892	17.169					26.496		28.982	33.120
	Speed			rpm	500										
Sound power level	Cooling	Nom.		dBA	84	85								86	
Sound pressure level	Cooling	Nom.		dBA	65									66	
Operation range	Water side	Cooling	Min.~Max.	°CDB	-15~15										
	Air side	Cooling	Min.~Max.	°CDB	-18~48										
Refrigerant	Type / GWP				R-134a / 1,430										
	Circuits	Quantity			2										
Refrigerant charge	Per circuit			kg	21.0	24.0	26.0	32.0	33.0	34.0			35.0	38.0	40.0
				TCO_2eq	30.0	34.3	37.2	45.8	47.2	48.6			50.1	54.3	57.2
Piping connections	Evaporator water inlet/outlet (OD)				4"							5"			
Unit	Maximum starting current			A	218	232		276	284	296		406	457	475	
	Nominal running current (RLA)	Cooling		A	135	143	157	173	188	204	220	231	272	280	298
	Maximum running current			A	164	183	199	210	221	235	250	291	316	338	360
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400										

Air cooled screw chiller, high efficiency, standard sound

› 2 truly independent refrigerant circuits
› Stepless single-screw compressor
› Optimised for use with R-134a
› Large operation range (ambient temperature down to -18°C)
› MicroTech III controller with superior control logic and easy interface

Cooling only					**EWAD-D-XS**	**250**	**280**	**300**	**330**	**350**	**380**	**400**	**470**	**520**	**580**	**620**
Cooling capacity	Nom.				kW	246	274	300	326	350	374	399	467	522	573	620
Power input	Cooling	Nom.			kW	80.1	88.2	95.4	105	114	121	129	152	169	183	196
Capacity control	Method					Stepless										
	Minimum capacity				%	12.5										
EER						3.07	3.11	3.15	3.10	3.06	3.08	3.10	3.07	3.09	3.12	3.16
ESEER						3.45	3.49	3.51	3.73	3.56	3.47	3.48	3.72	3.88	3.89	3.75
IPLV						3.98	4.00		4.08	4.07	4.06	3.98	4.16	4.83		4.61
Dimensions	Unit	Height			mm	2,355							2,223			
		Width			mm	2,234										
		Depth			mm	3,138	4,040							4,940		
Weight	Unit				kg	2,905	3,285		3,235	3,240			3,510	4,670	4,685	
	Operation weight				kg	3,000	3,400						3,780	4,940		
Water heat exchanger	Type					Single pass shell & tube										
	Water volume				l	95	115		165	160			270		255	
	Water flow rate	Cooling	Nom.		l/s	11.8	13.1	14.4	15.6	16.7	17.9	19.1	22.4	25.0	27.4	29.7
	Water pressure drop	Cooling	Nom.		kPa	48	45	49	46	51	58	64	47	63	56	38
Air heat exchanger	Type					High efficiency fin and tube type with integral subcooler										
Compressor	Type					Single screw compressor								Asymmetric single screw compressor		
	Quantity					2										
Fan	Type					Direct propeller										
	Quantity					6	8							10		
	Air flow rate	Nom.			l/s	22,302	30,591	29,736			43,001	42,306	43,696	54,620		
	Speed				rpm	900					890					
Sound power level	Cooling	Nom.			dBA	97					99					
Sound pressure level	Cooling	Nom.			dBA	78					79					
Operation range	Water side	Cooling	Min.~Max.		°CDB	-15~15										
	Air side	Cooling	Min.~Max.		°CDB	-18~48										
Refrigerant	Type / GWP					R-134a / 1,430										
	Circuits	Quantity				2										
Refrigerant charge	Per circuit				kg	29.0	33.0	35.0	38.0	35.0		39.0	42.0	45.0		50.0
					TCO_2eq	41.5	47.2	50.1	54.3	50.1		55.8	60.1	64.4		71.5
Piping connections	Evaporator water inlet/outlet (OD)					4"							6"			
Unit	Maximum starting current				A	224	240		283	292	312		423	480	498	
	Nominal running current (RLA)	Cooling			A	132	145	158	172	185	203	213	253	283	305	324
	Maximum running current				A	178	199	216	227	239	268	283	328	365	387	410
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/400										

Air cooled screw chiller, high efficiency, reduced sound

EWAD-D-XS/XR MicroTech III

Cooling only				EWAD-D-XR	240	270	300	320	350	370	390	460	510	560	600
Cooling capacity	Nom.			kW	242	271	294	321	343	369	393	453	510	559	598
Power input	Cooling	Nom.		kW	81.6	88.0	96.3	107	117	121	129	154	169	185	200
Capacity control	Method				Stepless										
	Minimum capacity			%	12.5										
EER					2.96	3.07	3.06	3.00	2.94	3.06	3.05	2.95	3.01	3.02	2.99
ESEER					3.52	3.59	3.58	3.71	3.60	3.89	3.71	3.77	3.99		3.81
IPLV					4.03	4.11	4.12	4.17	4.13	4.28	4.25	4.36	4.79	4.78	4.47
Dimensions	Unit	Height		mm	2,355							2,223			
		Width		mm	2,234										
		Depth		mm	3,138	4,040							4,940		
Weight	Unit			kg	3,005	3,385		3,335	3,340			3,610	4,770	4,785	
	Operation weight			kg	3,100	3,500						3,880	5,040		
Water heat exchanger	Type				Single pass shell & tube										
	Water volume			l	95	115		165	160			270		255	
	Water flow rate	Cooling	Nom.	l/s	11.6	13.0	14.1	15.4	16.4	17.7	18.8	21.7	24.4	26.8	28.6
	Water pressure drop	Cooling	Nom.	kPa	47	44	48	45	49	56		45	60	54	36
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler										
Compressor	Type				Single screw compressor								Asymmetric single screw compressor		
	Quantity				2										
Fan	Type				Direct propeller										
	Quantity				6	8							10		
	Air flow rate	Nom.		l/s	17,892	24,777	23,856			33,035	32,576	33,493	41,867		
	Speed			rpm	680					705					
Sound power level	Cooling	Nom.		dBA	92					93			94		
Sound pressure level	Cooling	Nom.		dBA	73					74					
Operation range	Water side	Cooling	Min.~Max.	°CDB	-15~15										
	Air side	Cooling	Min.~Max.	°CDB	-18~48										
Refrigerant	Type / GWP				R-134a / 1,430										
	Circuits	Quantity			2										
Refrigerant charge	Per circuit			kg	30.0	31.0	38.0	39.0	40.0	39.0		34.0	45.0	47.0	50.0
				TCO_2eq	42.9	44.3	54.3	55.8	57.2	55.8		48.6	64.4	67.2	71.5
Piping connections	Evaporator water inlet/outlet (OD)				4"							6"			
Unit	Maximum starting current			A	222	237		280	289	306		417	473	491	
	Nominal running current (RLA)	Cooling		A	134	144	160	175	188	200	213	256	283	308	330
	Maximum running current			A	173	193	210	222	233	257	272	317	351	373	396
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400										

Air cooled screw chiller, high ambient, standard sound

- **High ambient**
- Stepless single-screw compressor
- Optimised for use with R-134a
- Large operation range (ambient temperature down to -18°C)
- MicroTech III controller with superior control logic and easy interface

EWAD-D-HS MicroTech III

Cooling only					EWAD-D-HS	200	210	230	260	270	290	310	340	380	420	450	480	510	550	590
Cooling capacity	Nom.				kW	194	208	233	255	272	288	305	334	379	413	446	476	512	545	585
Power input	Cooling	Nom.			kW	77.9	76.0	83.9	92.1	98.9	105	114	122	129	143	152	164	177	185	194
Capacity control	Method					Stepless														
	Minimum capacity				%	12.5														
EER						2.49	2.73	2.77		2.75	2.73	2.68	2.75	2.93	2.90	2.93	2.90	2.89	2.95	3.02
ESEER						3.02	3.16	3.24	3.11	3.20	3.18	3.17	3.15	3.46	3.50	3.57		3.55	3.60	3.68
IPLV						3.56	3.74	3.77	3.66	3.74	3.73	3.72	3.64	3.99	4.00	4.05	3.99	4.10	4.18	4.50
Dimensions	Unit	Height			mm	2,223														
		Width			mm	2,234														
		Depth			mm	2,239		3,339					4,040				4,940			
Weight	Unit				kg	2,475	2,470	2,865		2,870			3,185		3,277	3,942	4,356	4,361		4,366
	Operation weight				kg	2,500		2,960					3,300		3,447	4,112		4,526		
Water heat exchanger	Type					Plate heat exchanger		Single pass shell & tube												
	Water volume				l	25	30	95		90			115			170		165		160
	Water flow rate	Cooling	Nom.		l/s	9.3	9.9	11.1	12.2	13.1	13.8	14.6	16.0	18.2	19.8	21.4	22.8	24.5	26.1	28.0
	Water pressure drop	Cooling	Nom.		kPa	32	24	46	52	54	59	64	58	70	46	53	58	51	56	53
Air heat exchanger	Type					High efficiency fin and tube type with integral subcooler														
Compressor	Type					Single screw compressor										Asymmetric single screw compressor				
	Quantity					2														
Fan	Type					Direct propeller														
	Quantity					4		6					8				10			
	Air flow rate	Nom.			l/s	21,848	21,153	32,772		32,251	31,729		43,696			42,306	54,620			
	Speed	Cooling	Nom.		rpm	890														
Sound power level	Cooling	Nom.			dBA	96							97	99	97	98		99		100
Sound pressure level	Cooling	Nom.			dBA	77								79	77	78		79		80
Operation range	Water side	Cooling	Min.~Max.		°CDB	-15~15														
	Air side	Cooling	Min.~Max.		°CDB	-18~48														
Refrigerant	Type / GWP					R-134a / 1,430														
	Circuits	Quantity				2														
Refrigerant charge	Per circuit				kg	18.0	21.0	22.0	26.0	28.0	31.0	28.0		34.0	30.0	45.0	47.5	46.0		47.0
					TCO_2eq	25.7	30.0	31.5	37.2	40.0	44.3	40.0		48.6	42.9	64.4	67.9	65.8		67.2
Piping connections	Evaporator water inlet/outlet (OD)					3"		4"							5"					
Unit	Maximum starting current				A	222		239		283	291	303	307	312	423	468	489		498	
	Nominal running current (RLA)	Cooling			A	134	131	145	157	169	180	191	204	214	239	258	275	295	306	320
	Maximum running current				A	172		197	213	224	234	249	272	283	320	338	367	388	399	410
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/400														

Air cooled screw chiller, standard efficiency, standard/low sound

- Stepless single-screw compressor
- Large operation range (ambient temperature down to -18°C and up to 46°C)
- 2-3 truly independent refrigerant circuits
- DX shell and tube evaporator – one pass refrigerant side to minimize pressure drops
- Partial and total heat recovery option available
- Standard electronic expansion valve
- MicroTech III controller with superior control logic and easy interface

Cooling only				EWAD-C-SS/SL	650	740	830	910	970	C11	C12	C13	H14	C15	C16	C17	C18	C19	C20
Cooling capacity	Nom.			kW	645	741	829	908	962	1,059	1,146	1,315	1,412	1,532	1,615	1,706	1,797	1,870	1,917
Power input	Cooling	Nom.		kW	223	265	302	322	355	382	408	446	479	557	586	627	669	687	721
Capacity control	Method				Stepless														
	Minimum capacity			%	12.5									7.0					
EER					2.89	2.80	2.74	2.82	2.71	2.77	2.81	2.95		2.75		2.72	2.69	2.72	2.66
ESEER					3.79	3.69	3.72	3.65	3.60	3.69	3.63	3.88	3.86	3.73	3.68	3.59	3.71	3.68	
IPLV					4.32	4.17	4.18	4.25	4.16	4.17	4.21	4.42		4.28	4.18	4.15	4.24	4.19	4.21
Dimensions	Unit	Height		mm	2,540														
		Width		mm	2,285														
		Depth		mm	6,285					7,185	8,085	8,985		10,285	11,185			12,085	
Weight (SS)	Unit			kg	5,330	5,740	5,760	6,280	6,560	7,010	7,280	7,900		10,320	10,710	10,770	11,240	11,600	
	Operation weight			kg	5,610	5,990	6,010	6,530	6,810	7,250	7,520	8,280		10,730	11,110	11,260	12,110	12,480	
Weight (SL)	Unit			kg	5,920	6,030	6,050	6,570	6,850	7,300	7,570	8,190		10,770	11,150	11,210	11,680	12,040	
	Operation weight			kg	6,200	6,280	6,300	6,820	7,100	7,540	7,810	8,570		11,170	11,550	11,700	12,560	12,920	
Water heat exchanger	Type				Single pass shell & tube														
	Water flow rate	Cooling	Nom.	l/s	30.9	35.5	39.7	43.5	46.1	50.8	55.0	62.9	67.6	73.4	77.4	81.8	86.0	89.5	91.7
	Water pressure drop	Cooling	Nom.	kPa	73	54	53	62	69	64	74	54	58	62	68	75	36	39	40
	Water volume			l	266		251			243		386		408		474	850		
Air heat exchanger	Type				High efficiency fin and tube type														
Compressor	Type				Asymmetric single screw compressor														
	Quantity				2									3					
Fan	Type				Direct propeller														
	Quantity				10			12		14	16	18		20	22			24	
	Air flow rate	Nom.		l/s	53,442			64,131		74,819	85,508	96,196		106,885	117,573			128,262	
	Speed			rpm	900														
Sound power level (SS)	Cooling	Nom.		dBA	102	100		101		102				103			104		
Sound power level (SL)	Cooling	Nom.		dBA	96			98	97	98				99	100			101	
Sound pressure level (SS)	Cooling	Nom.		dBA	81	80				81							82		
Sound pressure level (SL)	Cooling	Nom.		dBA	76			77									78		
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~46														
	Water side	Cooling	Min.~Max.	°CDB	-8~15														
Refrigerant	Type / GWP				R-134a / 1,430														
	Circuits	Quantity			2									3					
Refrigerant charge	Per circuit			kg	64.0			76.5	80.0	91.0	94.0	110.0	130.0	73.3	86.7			91.7	101.7
				TCO_2eq	91.5			109.4	114.4	130.1	134.4	157.3	185.9	104.9	123.9			131.1	145.4
Piping connections	Evaporator water inlet/outlet (OD)				168.3mm							219.1mm					273mm		
Unit	Starting current	Max		A	604	649		915	962	1,017	1,021	1,068	1,081	1,312	1,363	1,367	1,410	1,456	1,470
	Running current	Cooling	Nom.	A	366	432	492	524	577	624	667	726	773	909	959.0	1,023	1,092	1,116	1,164
		Max		A	476	545	589	656	715	787	859	921	974	1,144	1,217	1,281	1,334	1,395	1,449
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400														

Air cooled screw chiller, standard efficiency, reduced sound

EWAD-C-SS/SL/SR

MicroTech III

Cooling only				EWAD-C-SR	620	720	790	880	920	C10	C11	C12	H14	C13	C14	C15	C16	C17	C18	C19
Cooling capacity	Nom.			kW	616	712	786	872	918	1,016	1,107	1,266	1,316	1,363	1,465	1,550	1,616	1,710	1,790	1,828
Power input	Cooling	Nom.		kW	226	276	317	334	373	398	422	461	499	522	582	609	654	706	722	762
Capacity control	Method				Stepless															
	Minimum capacity			%	12.5									7.0						
EER					2.74	2.59	2.48	2.61	2.46	2.55	2.63	2.75	2.63	2.61	2.52	2.54	2.47	2.42	2.48	2.40
ESEER					3.91	3.78	3.81	3.79	3.98	3.76	3.95	3.92	3.81	3.78	3.70	3.72	3.66	3.70	3.71	3.66
IPLV					4.39	4.41	4.19	4.29	4.21		4.33	4.52	4.35	4.29	4.27	4.28	4.23	4.24	4.27	4.21
Dimensions	Unit	Height		mm	2,540															
		Width		mm	2,285															
		Depth		mm	6,285					7,185	8,085	8,985		10,285		11,185			12,085	
Weight	Unit			kg	5,920	6,030	6,050	6,570	6,850	7,300	7,570	8,190		10,750	10,770	11,150	11,210	11,680	12,040	
	Operation weight			kg	6,200	6,280	6,300	6,820	7,100	7,540	7,810	8,570		11,170		11,550	11,700	12,560	12,920	
Water heat exchanger	Type				Single pass shell & tube															
	Water flow rate	Cooling	Nom.	l/s	29.5	34.1	37.6	41.8	44.0	48.7	53.1	60.6	63.0	65.2	70.2	74.2	77.3	81.8	85.6	87.5
	Water pressure drop	Cooling	Nom.	kPa	43	50	48	58	63	60	69	50	54	45	57	63	46	33	36	37
	Water volume			l	266		251			243		386		421		408	474	850		
Air heat exchanger	Type				High efficiency fin and tube type															
Compressor	Type				Asymmetric single screw compressor															
	Quantity				2									3						
Fan	Type				Direct propeller															
	Quantity				10			12		14	16	18		20		22			24	
	Air flow rate	Nom.		l/s	41,007			49,208		57,410	65,611	73,812		82,014		90,215			98,417	
	Speed			rpm	700															
Sound power level	Cooling	Nom.		dBA	92			93		94				95				96		
Sound pressure level	Cooling	Nom.		dBA	71	72			73									74		
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~46															
	Water side	Cooling	Min.~Max.	°CDB	-8~15															
Refrigerant	Type / GWP				R-134a / 1,430															
	Circuits	Quantity			2									3						
Refrigerant charge	Per circuit			kg	64.0			76.5	80.0	91.0	94.0	110.0		86.7				91.7	101.7	
				TCO_2eq	91.5			109.4	114.4	130.1	134.4	157.3		123.9				131.1	145.4	
Piping connections	Evaporator water inlet/outlet (OD)				168.3mm							219.1mm						273mm		
Unit	Starting current	Max		A	597	642		906	953	1,007	1,010	1,055	1,068	1,241	1,292	1,344	1,346	1,389	1,434	1,447
	Running current	Cooling	Nom.	A	371	450	518	548	609	654	694	755	811	857	954	1,002	1,075	1,158	1,179	1,238
		Max		A	462	531	575	639	698	767	837	895	949	1,052	1,116	1,186	1,250	1,303	1,362	1,415
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400															

Air cooled screw chiller, high efficiency, standard/low sound

- Stepless single-screw compressor
- Large operation range (ambient temperature down to -18°C and up to 50°C)
- 2-3 truly independent refrigerant circuits
- DX shell and tube evaporator – one pass refrigerant side to minimize pressure drops
- Partial and total heat recovery option available
- Standard electronic expansion valve
- MicroTech III controller with superior control logic and easy interface

Cooling only				EWAD-C-XS/XL	760	830	890	990	C10	C11	C12	C13	H14	H15	C16	C17	C18	C19	C20	C21	C22
Cooling capacity	Nom.			kW	752	827	885	997	1,069	1,192	1,276	1,343	1,408	1,517	1,590	1,678	1,760	1,849	1,896	1,947	2,002
Power input	Cooling	Nom.		kW	237	256	282	311	343	367	404	416	450	483	510	541	569	598	619	648	678
Capacity control	Method				Stepless																
	Minimum capacity			%	12.5										7.0						
EER					3.17	3.22	3.14	3.20	3.12	3.25	3.15	3.23	3.13	3.14	3.12	3.10	3.09		3.06	3.00	2.95
ESEER					3.77	3.92	3.81	3.91	3.84	3.99	3.86	4.05	4.04	4.06	4.00	3.96	3.94	3.93	4.02	3.91	3.89
IPLV					4.48		4.52	4.50	4.44	4.50	4.47	4.60	4.71	4.81	4.58	4.59	4.51	4.53	4.57	4.42	4.47
Dimensions	Unit	Height		mm	2,540																
		Width		mm	2,285																
		Depth		mm	6,285	7,185		8,085		9,885					12,085	12,985	13,885	14,785			
Weight (XS)	Unit			kg	5,990	6,340	6,360	7,190	7,470	8,220	8,240	8,900			11,570	11,900	12,260	12,600			
	Operation weight			kg	6,240	6,580	6,600	7,600	7,870	8,610	8,630	9,890			12,430	12,760	13,140	13,470			
Weight (XL)	Unit			kg	6,280	6,630	6,650	7,480	7,760	8,510	8,530	9,190			12,010	12,350	12,700	13,040			
	Operation weight			kg	6,520	6,870	6,890	7,880	8,160	8,900	8,920	10,180			12,870	13,200	13,580	13,910			
Water heat exchanger	Type				Single pass shell & tube																
	Water flow rate	Cooling	Nom.	l/s	36.1	39.6	42.4	47.8	51.2	57.1	61.1	64.4	67.5	72.8	76.1	80.4	84.4	88.6	90.7	93.2	95.8
	Water pressure drop	Cooling	Nom.	kPa	81	57	64	61	69	45	51	68	77	84	62	68		74	39	41	43
	Water volume			l	251	243		403		386		979			850		871	850			
Air heat exchanger	Type				High efficiency fin and tube type																
Compressor	Type				Asymmetric single screw compressor																
	Quantity				2										3						
Fan	Type				Direct propeller																
	Quantity				12	14		16		20					24	26	28	30			
	Air flow rate	Nom.		l/s	64,131	74,819		85,508		106,885					128,262	138,950	149,639	160,327			
	Speed			rpm	900																
Sound power level (XS)	Cooling	Nom.		dBA	100	101			102		103				104						
Sound power level (XL)	Cooling	Nom.		dBA	97			98		99					100						
Sound pressure level (XS)	Cooling	Nom.		dBA	80				81	80					81						
Sound pressure level (XL)	Cooling	Nom.		dBA	76	77											78				
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~50																
	Water side	Cooling	Min.~Max.	°CDB	-8~15																
Refrigerant	Type / GWP				R-134a / 1,430																
	Circuits	Quantity			2										3						
Refrigerant charge	Per circuit			kg	75.0	81.0		91.0	100.0	115.0	117.5	125.0	145.5	125.0	99.0	82.7	103.3	109.0	113.3	120.0	
				TCO_2eq	107.3	115.8		130.1	143.0	164.5	168.0	178.8	208.1	178.8	141.6	118.2	147.8	155.9	162.1	171.6	
Piping connections	Evaporator water inlet/outlet (OD)				168.3mm			219.1mm							273mm						
Unit	Starting current	Max		A	618	657		923	970	1,029			1,072	1,085	1,268	1,328	1,387		1,430	1,472	1,486
	Running current	Cooling	Nom.	A	387	423	463	511	559	607	667	686	731	778	835	885	934.0	984	1,018	1,059	1,100
		Max		A	510	561	605	672	731	811	875		929	982	1,096	1,168	1,241	1,313	1,366	1,419	1,473
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400																

Air cooled screw chiller, high efficiency, reduced sound

EWAD-C-XS/XL/XR MicroTech III

Cooling only				EWAD-C-XR	740	810	870	970	C10	C11	C12	C13	H14	H15	C16	C17	C18	C19	C20	C21	C22
Cooling capacity	Nom.			kW	732	808	862	970	1,036	1,164	1,243	1,297	1,360	1,460	1,544	1,632	1,715	1,805	1,849	1,897	1,947
Power input	Cooling	Nom.		kW	238	257	285	313	348	369	409	420	460	498	518	548	574	604	629	662	696
Capacity control	Method				Stepless																
	Minimum capacity			%	12.5										7.0						
EER					3.07	3.15	3.03	3.10	2.98	3.16	3.04	3.09	2.96	2.93	2.98		2.99		2.94	2.87	2.80
ESEER					4.01	4.16	4.01	4.12	4.01	4.21	4.07	4.10		4.12	4.08	4.00	4.05	4.00	4.09	3.96	3.94
IPLV					4.56	4.62	4.51	4.63	4.59	4.65	4.61	4.63	4.74	4.83	4.67	4.65		4.63	4.69	4.54	4.53
Dimensions	Unit	Height		mm	2,540																
		Width		mm	2,285																
		Depth		mm	6,285	7,185		8,085		9,885					12,085	12,985	13,885	14,785			
Weight	Unit			kg	6,280	6,630	6,650	7,480	7,760	8,510	8,530	9,190			12,010	12,350	12,700	13,040			
	Operation weight			kg	6,520	6,870	6,890	7,880	8,160	8,900	8,920	10,180			12,870	13,200	13,580	13,910			
Water heat exchanger	Type				Single pass shell & tube																
	Water flow rate	Cooling	Nom.	l/s	35.1	38.7	41.3	46.5	49.7	55.7	59.5	62.1	65.2	70.0	74.0	78.2	82.2	86.5	88.5	90.7	93.1
	Water pressure drop	Cooling	Nom.	kPa	77	54	61	58	65	43	49	64	73	79	59	65		71	37	39	41
	Water volume			l	251	243		403		386		979			850		871	850			
Air heat exchanger	Type				High efficiency fin and tube type																
Compressor	Type				Asymmetric single screw compressor																
	Quantity				2										3						
Fan	Type				Direct propeller																
	Quantity				12	14		16		20					24	26	28	30			
	Air flow rate	Nom.		l/s	49,208	57,410		65,611		82,014					98,417	106,618	114,819	123,021			
	Speed			rpm	700																
Sound power level	Cooling	Nom.		dBA	92			94		95					96				97		
Sound pressure level	Cooling	Nom.		dBA	72			73		72					73				74		
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~50																
	Water side	Cooling	Min.~Max.	°CDB	-8~15																
Refrigerant	Type / GWP				R-134a / 1,430																
	Circuits	Quantity			2										3						
	GWP				1,430																
Refrigerant charge	Per circuit			kg	75.0	81.0		91.0	100.0	115.0	117.5	125.0		124.0	103.3	109.0	113.3	120.0			125.0
				TCO_2eq	107.3	115.8		130.1	143.0	164.5	168.0	178.8		177.3	147.8	155.9	162.1	171.6			178.8
Piping connections	Evaporator water inlet/outlet (OD)				168.3mm			219.1mm				273mm									
Unit	Starting current	Max		A	610	647		911	959	1,015			1,058	1,071	1,246	1,303	1,359		1,402	1,444	1,458
	Running current	Cooling	Nom.	A	392	426	470	518	572	613	679	699	753	807	854	903	951	1,000	1,040	1,087	1,136
		Max		A	493	542	585	649	708	783	847		901	954	1,063	1,132	1,201	1,271	1,324	1,377	1,431
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400																

Air cooled screw chiller, premium efficiency, standard/low sound

- Stepless single-screw compressor
- Excellent part load efficiency
- Large operation range (ambient temperature down to -18°C and up to 52°C)
- 2 truly independent refrigerant circuits
- DX shell and tube evaporator – one pass refrigerant side to minimize pressure drops
- Partial and total heat recovery option available
- Standard electronic expansion valve
- MicroTech III controller with superior control logic and easy interface

Cooling only				**EWAD-C-PS/PL**	**820**	**890**	**980**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
Cooling capacity	Nom.			kW	818	886	973	1,070	1,153	1,274	1,384	1,467	1,554
Power input	Cooling	Nom.		kW	229	253	276	306	335	368	402	432	461
Capacity control	Method				Stepless								
	Minimum capacity			%	12.5								
EER					3.57	3.51	3.52	3.49	3.44	3.46	3.44	3.40	3.37
ESEER					4.22	4.25	4.30	4.29	4.14	4.23	4.07	4.06	4.03
IPLV					4.78	4.67	4.79	4.69	4.73	4.68	4.73		4.71
Dimensions	Unit	Height		mm	2,540								
		Width		mm	2,285								
		Depth		mm	8,985			9,885		11,185	12,085		
Weight (PS)	Unit			kg	7,530		7,660	8,290	8,550	9,390	9,730		
	Operation weight			kg	8,130		8,700	9,330	9,590	10,380	10,720		
Weight (PL)	Unit			kg	7,820		7,950	8,580	8,840	10,380	10,720		
	Operation weight			kg	8,420		8,990	9,620	9,880	10,670	11,010		
Water heat exchanger	Type				Single pass shell & tube								
	Water flow rate	Cooling	Nom.	l/s	39.2	42.5	46.5	51.2	55.2	61.0	66.3	70.3	74.5
	Water pressure drop	Cooling	Nom.	kPa	58	67	31	61	70	60	70	81	88
	Water volume			l	599		1,043	1,027		995	979		
Air heat exchanger	Type				High efficiency fin and tube type								
Compressor	Type				Asymmetric single screw compressor								
	Quantity				2								
Fan	Type				Direct propeller								
	Quantity				18			20		22	24		
	Air flow rate	Nom.		l/s	96,196			106,885		117,573	128,262		
	Speed			rpm	900								
Sound power level (PS)	Cooling	Nom.		dBA	101			102			103		104
Sound power level (PL)	Cooling	Nom.		dBA	98			99	100	99	100		
Sound pressure level (PS)	Cooling	Nom.		dBA	80				81	80	81		
Sound pressure level (PL)	Cooling	Nom.		dBA	77							78	
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~52								
	Water side	Cooling	Min.~Max.	°CDB	-8~15								
Refrigerant	Type / GWP				R-134a / 1,430								
	Circuits	Quantity			2								
Refrigerant charge	Per circuit			kg	102.0			115.0	120.0	137.5	140.0		
				TCO_2eq	145.9			164.5	171.6	196.6	200.2		
Piping connections	Evaporator water inlet/outlet (OD)				219.1mm		273mm						
Unit	Starting current	Max		A	630	665		702	978	1,037		1,080	1,093
	Running current	Cooling	Nom.	A	386	424	465	511	555	614	671	711	752
		Max		A	534	577	621	670	747	819	891	945	998
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400								

Air cooled screw chiller, premium efficiency, reduced sound

EWAD-C-PS/PL/PR

MicroTech III

Cooling only				EWAD-C-PR	810	880	960	C10	C11	C13	C14	C15	C16
Cooling capacity	Nom.			kW	806	871	954	1,049	1,127	1,246	1,353	1,432	1,513
Power input	Cooling	Nom.		kW	222	248	275	303	335	369	402	432	465
Capacity control	Method				Stepless								
	Minimum capacity			%	12.5								
EER					3.63	3.51	3.47	3.46	3.36	3.38	3.36	3.32	3.25
ESEER					4.39	4.33	4.40	4.35	4.25	4.33	4.26	4.23	4.15
IPLV					5.07	4.89		4.92	4.82	4.81	4.85		4.79
Dimensions	Unit	Height		mm	2,540								
		Width		mm	2,285								
		Depth		mm	8,985			9,885		11,185	12,085		
Weight	Unit			kg	7,820		7,950	8,580	8,840	10,380	10,720		
	Operation weight			kg	8,420		8,990	9,620	9,880	10,670	11,010		
Water heat exchanger	Type				Single pass shell & tube								
	Water flow rate	Cooling	Nom.	l/s	38.6	41.7	45.6	50.2	54.0	59.7	64.8	68.7	72.6
	Water pressure drop	Cooling	Nom.	kPa	56	65	30	59	67	58	67	77	84
	Water volume			l	599		1,043	1,027		995	979		
Air heat exchanger	Type				High efficiency fin and tube type								
Compressor	Type				Asymmetric single screw compressor								
	Quantity				2								
Fan	Type				Direct propeller								
	Quantity				18			20		22	24		
	Air flow rate	Nom.		l/s	73,812			82,014		90,215	98,417		
	Speed			rpm	700								
Sound power level	Cooling	Nom.		dBA	93				94			95	
Sound pressure level	Cooling	Nom.		dBA	71			72					73
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~52								
	Water side	Cooling	Min.~Max.	°CDB	-8~15								
Refrigerant	Type / GWP				R-134a / 1,430								
	Circuits	Quantity			2								
Refrigerant charge	Per circuit			kg	102.0			115.0	120.0	137.5	140.0		
				TCO_2eq	145.9			164.5	171.6	196.6	200.2		
Piping connections	Evaporator water inlet/outlet (OD)				219.1mm		273mm						
Unit	Starting current	Max		A	618	653		917	964	1,020		1,063	1,076
	Running current	Cooling	Nom.	A	375	416	461	506	555	614	671	717	764
		Max		A	509	552	596	660	719	788	858	911	964
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400								

Air cooled screw inverter chiller, high efficiency, standard/low sound

- High efficiency with leader-of-class ESEER
- Inverter stepless single-screw compressor
- Highly efficient fans with patented blade profile for quiet operation
- Extensive option list (heat recovery option available)
- Wide operating range
- Low starting current
- MicroTech III controller with superior control logic and easy interface

Cooling only				EWAD-CZXS/XL	740	830	900	C10	C11	C12	C13	C14	C15	C16	C17	C18
Cooling capacity	Nom.			kW	734	828	898	1,033	1,090	1,232	1,303	1,444	1,538	1,616	1,701	1,795
Power input	Cooling	Nom.		kW	239	269	309	343	380	404	447	494	538	564	596	619
Capacity control	Method				Stepless											
	Minimum capacity			%	20.0										13.0	
EER					3.07		2.90	3.01	2.87	3.05	2.92	2.93	2.86		2.85	2.90
ESEER					4.72	4.89	4.88	4.91	4.70		4.51	4.73	4.83	4.59	4.62	4.61
IPLV					5.68	5.72	5.79	5.73	5.56	5.58	5.45	5.61	5.75	5.65	5.46	5.29
Dimensions	Unit	Height		mm	2,540											
		Width		mm	2,285											
		Depth		mm	6,725	7,625		8,525		10,325		11,625	12,525		13,425	14,325
Weight (XS)	Unit			kg	6,000	6,620	6,870	7,440		8,570	8,970	9,600	9,940	11,370	12,190	12,920
	Operation weight			kg	6,250	6,860	7,110	7,880		8,960	9,360	9,980	10,320	12,220	13,040	13,790
Weight (XL)	Unit			kg	6,280	6,900	7,150	7,720		8,850	9,250	9,880	10,220	11,790	12,610	13,340
	Operation weight			kg	6,530	7,140	7,390	8,160		9,240	9,640	10,260	10,600	12,640	13,460	14,210
Water heat exchanger	Type				Single pass shell & tube											
	Water flow rate	Cooling	Nom.	l/s	35.2	39.7	43.0	49.5	52.3	59.0	62.4	69.2	73.7	77.4	81.5	86.0
	Water pressure drop	Cooling	Nom.	kPa	83	58	65	63	70	47	52	62	72	63	69	65
	Water volume			l	248	241		441		383		374		850		871
Air heat exchanger	Type				High efficiency fin and tube type											
Compressor	Type				Asymmetric single screw compressor											
	Quantity				2									3		
Fan	Type				Direct propeller											
	Quantity				12	14		16		20		22	24		26	28
	Air flow rate	Nom.		l/s	65,026	75,863		86,701		108,376		119,214	130,051	129,455	140,143	151,130
	Speed			rpm	900											
Sound power level (XS)	Cooling	Nom.		dBA	102	103				104				106		
Sound power level (XL)	Cooling	Nom.		dBA	99	100				101				103		
Sound pressure level (XS)	Cooling	Nom.		dBA	81									83		
Sound pressure level (XL)	Cooling	Nom.		dBA	78									80		
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~50											
	Water side	Cooling	Min.~Max.	°CDB	-8~15											
Refrigerant	Type / GWP				R-134a / 1,430											
	Circuits	Quantity			2									3		
Refrigerant charge	Per circuit			kg	73.0	81.0		100.0		125.0			140.0	106.7	113.3	116.7
				TCO_2eq	104.4	115.8		143.0		178.8			200.2	152.5	162.1	166.8
Piping connections	Evaporator water inlet/outlet (OD)				168.3mm			219.1mm						273mm		
Unit	Starting current	Max		A	377	420	451	501	540	590	626	709	772	848	899	949
	Running current	Cooling	Nom.	A	406	442	485	537	591	636	698	769	837	881	931	970
		Max		A	529	584	632	697	755	824	877	979	1,081	1,132	1,193	1,255
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400											

Air cooled screw inverter chiller, high efficiency, reduced sound

EWAD-CZXS/XL/XR

MicroTech III

Cooling only				EWAD-CZXR	700	790	850	980	C10	C11	C12	C13	C14	C15	C16	C17
Cooling capacity	Nom.			kW	696	786	849	972	1,027	1,166	1,231	1,327	1,437	1,539	1,624	1,706
Power input	Cooling	Nom.		kW	246	274	318	351	393	412	459	493	523	585	617	638
Capacity control	Method				Stepless											
	Minimum capacity			%	20.0									13.0		
EER					2.83	2.86	2.67	2.77	2.61	2.83	2.68	2.69	2.75	2.63		2.67
ESEER					5.23	5.39	5.36	5.41	5.11	5.15	4.80	5.12	5.22	5.10	4.83	4.77
IPLV					6.14	6.32	6.37	6.34	6.05	5.96	5.67	6.03	6.21	6.17	5.89	5.85
Dimensions	Unit	Height		mm	2,540											
		Width		mm	2,285											
		Depth		mm	6,725	7,625		8,525		10,325		11,625	12,525		13,425	14,325
Weight	Unit			kg	6,470	7,100	7,360	7,950		9,120	9,530	10,180	10,530	12,150	12,990	13,740
	Operation weight			kg	6,720	7,340	7,600	8,390		9,500	9,920	10,550	10,910	13,000	13,840	14,610
Water heat exchanger	Type				Single pass shell & tube											
	Water flow rate	Cooling	Nom.	l/s	33.4	37.6	40.7	46.6	49.2	55.8	58.9	63.6	68.8	73.7	77.8	81.7
	Water pressure drop	Cooling	Nom.	kPa	76	54	59	58	64	43	48	57	66	57	63	60
	Water volume			l	248	241		441		383		374		850		871
Air heat exchanger	Type				High efficiency fin and tube type											
Compressor	Type				Asymmetric single screw compressor											
	Quantity				2									3		
Fan	Type				Direct propeller											
	Quantity				12	14		16		20		22	24		26	28
	Air flow rate	Nom.		l/s	49,843	58,151		66,458		83,072		91,380	99,687		107,994	116,301
	Speed			rpm	700											
Sound power level	Cooling	Nom.		dBA	95	96				97				99		
Sound pressure level	Cooling	Nom.		dBA	74									76		
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~50											
	Water side	Cooling	Min.~Max.	°CDB	-8~15											
Refrigerant	Type / GWP				R-134a / 1,430											
	Circuits	Quantity			2									3		
Refrigerant charge	Per circuit			kg	73.0	81.0		100.0		125.0			140.0	106.7	113.3	116.7
				TCO_2eq	104.4	115.8		143.0		178.8			200.2	152.5	162.1	166.8
Piping connections	Evaporator water inlet/outlet (OD)				168.3mm			219.1mm						273mm		
Unit	Starting current	Max		A	369	410	442	490	528	576	612	693	756	825	873	921
	Running current	Cooling	Nom.	A	416	449	498	549	610	647	715	789	859	912	960	998
		Max		A	512	565	612	675	732	796	849	949	1,048	1,098	1,157	1,215
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400											

Air cooled screw chiller with free cooling, high efficiency, standard/low sound

› Free cooling chiller for space cooling and industrial processes
› Stepless single-screw compressor
› Greater energy savings and reduced CO2 emissions during cold season
› Wide operating range
› MicroTech III controller with superior control logic and easy interface

Cooling only				EWAD-CFXS/XL	640	770	850	900	C10	C11	C12	C13	C14	C15	C16
Cooling capacity	Nom.			kW	640 (1)	772 (1)	852 (1)	902 (1)	1,027 (1)	1,089 (1)	1,269 (1)	1,349 (1))	1,435 (1)	1,493 (1)	1,555 (1)
Free cooling capacity	Nom.			kW	415 (2)	510 (2)	583 (2)	612 (2)	701 (2)	734 (2)	902 (2)	957 (2)	963 (2)	1,013 (2)	1,039 (2)
Mechanical capacity				kW	225 (2)	262 (2)	269 (2)	290 (2)	325 (2)	355 (2)	366 (2)	392 (2)	472 (2)	480 (2)	517 (2)
Air temperature for free cooling 100%				°C	-0.8	-0.1	1.2	0.4	0.9	0.1	2.9	2.1	1.3	0.7	0.1
Power input	Cooling	Nom.		kW	257 (1) / 53.7 (2)	272 (1) / 62.0 (2)	293 (1) / 64.7 (2)	324 (1) / 69.8 (2)	360 (1) / 75.7 (2)	399 (1) / 83.4 (2)	397 (1) / 86.4 (2)	439 (1) / 92.8 (2)	454 (1) / 101 (2)	492 (1) / 109 (2)	530 (1) / 115 (2)
Capacity control	Method				Stepless										
	Minimum capacity			%	12.5										
EER					2.49 (1) / 11.91 (2)	2.84 (1) / 12.44 (2)	2.90 (1) / 13.17 (2)	2.78 (1) / 12.93 (2)	2.85 (1) / 13.56 (2)	2.73 (1) / 13.05 (2)	3.19 (1) / 14.68 (2)	3.08 (1) / 14.55 (2)	3.16 (1) / 14.21 (2)	3.04 (1) / 13.72 (2)	2.93 (1) / 13.50 (2)
ESEER					3.44	3.52	3.78	3.50	3.74	3.54	3.88	3.78	4.01	3.96	3.85
IPLV					3.86	4.03	4.10	4.05	4.00	3.95	4.36	4.25	4.36	4.35	4.26
Dimensions	Unit	Height		mm	2,565										
		Width		mm	2,480										
		Depth		mm	6,300	7,200	8,100		9,000		10,800				
Weight (XS)	Unit			kg	7,760	8,340	8,900		10,160	10,420	11,900		12,540	12,620	12,670
	Operation weight			kg	8,515	9,100	9,705		11,169	11,429	13,276		14,516	14,596	14,646
Weight (XL)	Unit			kg	8,050	8,620	9,190		10,450	10,710	12,190		12,830	12,910	12,960
	Operation weight			kg	8,795	9,390	9,995		11,459	11,719	13,566		14,806	14,886	14,936
Water heat exchanger	Type				Single pass shell & tube										
	Water flow rate	Cooling	Nom.	l/s	27.8 (1) / 27.8 (2)	33.5 (1) / 33.5 (2)	37.0 (1) / 37.0 (2)	39.2 (1) / 39.2 (2)	44.6 (1) / 44.6 (2)	47.3 (1) / 47.3 (2)	55.1 (1) / 55.1 (2)	58.6 (1) / 58.6 (2)	62.4 (1) / 62.4 (2)	64.9 (1) / 64.9 (2)	67.6 (1) / 67.6 (2)
	Water pressure drop	Cooling	Nom.	kPa	85 (1) / 128 (2)	105 (1) / 172 (2)	90 (1) / 178 (2)	101 (1) / 198 (2)	111 (1) / 245 (2)	124 (1) / 272 (2)	98 (1) / 232 (2)	110 (1) / 259 (2)	139 (1) / 305 (2)	150 (1) / 328 (2)	162 (1) / 354 (2)
	Water volume			l	741	771	808		1,012		1,372		1,965		
Air heat exchanger	Type				High efficiency fin and tube type										
Compressor	Type				Asymm single screw										
	Quantity				2										
Fan	Type				Direct propeller										
	Quantity				10	12	14		16		20				
	Air flow rate	Nom.		l/s	50,368	60,441	70,515		80,588		95,253				
	Speed			rpm	920										
Sound power level (XS)	Cooling	Nom.		dBA	100		101			102		103			
Sound power level (XL)	Cooling	Nom.		dBA	96	97			98		99				
Sound pressure level (XS)	Cooling	Nom.		dBA	79	80				81	80				
Sound pressure level (XL)	Cooling	Nom.		dBA	76	77									
Operation range	Air side	Cooling	Min.~Max.	°CDB	-20~45										
	Water side	Cooling	Min.~Max.	°CDB	-8~15										
Refrigerant	Type / GWP				R-134a / 1,430										
	Circuits	Quantity			2										
Refrigerant charge	Per circuit			kg	64.0	73.0	81.0		91.0		107.0		112.5	124.0	
				TCO_2eq	91.5	104.4	115.8		130.1		153.0		160.9	177.3	
Piping connections	Evaporator water inlet/outlet (OD)				DN150PN16(168.3mm)				DN200PN16(219.1mm)				DN250PN16(273mm)		
Unit	Starting current	Max		A	605	619	658		924	971	1,030			1,073	1,086
	Running current	Cooling	Nom.	A	404	430	467	515	568	628	636	701	720	773	825
		Max		A	476	510	561	605	672	731	811	875		929	982
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400										

(1) Cooling: evaporator 16/10°C, ambient 35°C, unit at full load operation; standard: ISO 3744 (2) Data is calculated at ambient air temperature 5°C, inlet water temperature 16°C.

Air cooled screw chiller with free cooling, high efficiency, reduced sound

EWAD-CFXS/XL/XR

MicroTech III

Cooling only				EWAD-CFXR	600	740	820	870	980	C10	C11	C12	C13	C14	C15
Cooling capacity	Nom.			kW	602 (1)	739 (1)	821 (1)	866 (1)	981 (1)	1,034 (1)	1,229 (1)	1,302 (1)	1,374 (1)	1,424 (1)	1,476 (1)
Free cooling capacity	Nom.			kW	374 (2)	468 (2)	539 (2)	562 (2)	644 (2)	670 (2)	825 (2)	866 (2)	889 (2)	909 (2)	929 (2)
Mechanical capacity				kW	228 (2)	271 (2)	282 (2)	304 (2)	337 (2)	364 (2)	404 (2)	435 (2)	486 (2)	515 (2)	547 (2)
Air temperature for free cooling 100%				°C	-2.3	-1.9	-0.6	-1.5	-0.9	-1.7	0.7	-0.2	-1.1	-1.6	-2.3
Power input	Cooling	Nom.		kW	263 (1) / 46.6 (2)	278 (1) / 56.2 (2)	299 (1) / 58.5 (2)	334 (1) / 63.1 (2)	368 (1) / 68.5 (2)	412 (1) / 74.4 (2)	403 (1) / 80.0 (2)	450 (1) / 87.5 (2)	466 (1) / 93.4 (2)	511 (1) / 103 (2)	556 (1) / 109 (2)
Capacity control	Method				Stepless										
	Minimum capacity			%	12.5										
EER					2.29 (1) / 12.91 (2)	2.66 (1) / 13.17 (2)	2.75 (1) / 14.04 (2)	2.59 (1) / 13.71 (2)	2.67 (1) / 14.33 (2)	2.51 (1) / 13.89 (2)	3.05 (1) / 15.36 (2)	2.90 (1) / 14.87 (2)	2.95 (1) / 14.7 (2)	2.79 (1) / 13.85 (2)	2.66 (1) / 13.56 (2)
ESEER					3.59	3.66	3.89	3.62	3.83	3.63	4.13	3.89	4.09	4.02	3.92
IPLV					4.09	4.15	4.16	4.20	4.10	4.08	4.42	4.37	4.42		4.28
Dimensions	Unit	Height		mm	2,565										
		Width		mm	2,480										
		Depth		mm	6,300	7,200	8,100		9,000		10,800				
Weight	Unit			kg	8,050	8,620	9,190		10,450	10,710	12,190		12,830	12,910	12,960
	Operation weight			kg	8,795	9,390	9,995		11,459	11,719	13,566		14,806	14,886	14,936
Water heat exchanger	Type				Single pass shell & tube										
	Water flow rate	Cooling	Nom.	l/s	26.2 (1) / 26.2 (2)	32.1 (1) / 32.1 (2)	35.7 (1) / 35.7 (2)	37.6 (1) / 37.6 (2)	42.6 (1) / 42.6 (2)	44.9 (1) / 44.9 (2)	53.4 (1) / 53.4 (2)	56.6 (1) / 56.6 (2)	59.7 (1) / 59.7 (2)	61.9 (1) / 61.9 (2)	64.1 (1) / 64.1 (2)
	Water pressure drop	Cooling	Nom.	kPa	76 (1) / 115 (2)	97 (1) / 159 (2)	84 (1) / 167 (2)	93 (1) / 184 (2)	102 (1) / 225 (2)	113 (1) / 248 (2)	92 (1) / 219 (2)	103 (1) / 243 (2)	128 (1) / 282 (2)	137 (1) / 301 (2)	146 (1) / 321 (2)
	Water volume			l	741	771	808		1,012		1,372		1,965		
Air heat exchanger	Type				High efficiency fin and tube type										
Compressor	Type				Asymm single screw										
	Quantity				2										
Fan	Type				Direct propeller										
	Quantity				10	12	14		16		20				
	Air flow rate	Nom.		l/s	38,935	46,722	54,508		62,295		73,011				
	Speed			rpm	715										
Sound power level	Cooling	Nom.		dBA	92				94			95			
Sound pressure level	Cooling	Nom.		dBA	71	72			73		72			73	
Operation range	Air side	Cooling	Min.~Max.	°CDB	-20~45										
	Water side	Cooling	Min.~Max.	°CDB	-8~15										
Refrigerant	Type / GWP				R-134a / 1,430										
	Circuits	Quantity			2										
Refrigerant charge	Per circuit			kg	64.0	73.0	81.0		91.0		107.0		112.5	124.0	
				TCO_2eq	91.5	104.4	115.8		130.1		153.0		160.9	177.3	
Piping connections	Evaporator water inlet/outlet (OD)				DN150PN16(168.3mm)				DN200PN16(219.1mm)				DN250PN16(273mm)		
Unit	Starting current	Max		A	598	611	648		912	960	1,016			1,059	1,072
	Running current	Cooling	Nom.	A	411	439	473	526	580	647	645	717	738	800	862
		Max		A	462	493	542	585	649	708	783	847		901	954
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400										

(1) Cooling: entering evaporator water temp. 16°C; leaving evaporator water temp. 10°C; ambient air temp. 35°C; full load operation. (2) Data is calculated at ambient air temperature 5°C, inlet water temperature 16°C.

Air cooled screw inverter chiller, standard efficiency, standard/reduced sound

- **Optimized energy efficiency both at full and part load conditions**
- Stepless single-screw compressor
- Advanced compressor technology featuring **integrated inverter** and **variable volume ratio (VVR)**
- Compact design for small footprint and minimized installation space
- Low operating sound levels are achieved by the latest compressor and fan design
- One or two truly independent refrigerant circuits for outstanding reliability

Cooling only				**EWAD-TZSS/SR**	**170**	**205**	**235**	**270**	**320**	**365**	**370**	**415**	**465**	**500**	**540**	**590**	**640**	**710**
Cooling capacity	Nom.			kW	170	205	229	268	317	365	366	412	463	499	536	589	640	710
Power input	Cooling	Nom.		kW	62.2	72.5	79.1	96.0	116	133	134	145	164	178	190	217	235	267
Capacity control	Method				Stepless													
	Minimum capacity			%	33.3	28.6	33.3	28.6	25.0	22.2	15.4	14.3	16.7	15.4	14.3	13.3	12.5	11.1
EER					2.73	2.83	2.90	2.79		2.74		2.85	2.83	2.80	2.82	2.72	2.73	2.66
ESEER					4.62	4.61	4.75	4.80	4.82	4.93	4.65	4.81	4.71	4.84	4.83	4.85	4.76	4.92
IPLV					5.80	5.44	6.02	5.84	5.94	5.78	5.86	6.18	6.16	6.09	6.07	6.09	6.13	6.04
Dimensions	Unit	Height		mm	2,270						2,222							
		Width		mm	1,224					2,258								
		Depth		mm	3,461	4,361		5,261		3,218		4,117			5,015			5,917
Weight (SS)	Unit			kg	1,898	1,977	2,083	2,478	2,444	2,756	3,906	4,256	4,426	4,481	4,709	4,892	4,969	5,291
	Operation weight			kg	1,915	2,077	2,183	2,504	2,596	2,806	3,995	4,426	4,590	4,645	4,873	5,162	5,231	5,553
Weight (SR)	Unit			kg	1,996	2,075	2,181	2,576	2,541	2,854	4,101	4,452	4,621	4,676	4,904	5,087	5,164	5,486
	Operation weight			kg	2,013	2,174	2,280	2,602	2,693	2,903	4,190	4,622	4,785	4,840	5,068	5,357	5,426	5,748
Water heat exchanger	Type				Plate heat exchanger						Single pass shell & tube							
	Water flow rate	Cooling	Nom.	l/s	8.1	9.8	11.0	12.8	15.1	17.4	17.5	19.7	22.1	23.9	25.6	28.2	30.6	34.0
	Water pressure drop	Cooling	Total	kPa	25	24	29	33	26	27	36	50	33	37	43	36	47	57
	Water volume			l	17	24		26	39	50	89	170	164			270	262	
Air heat exchanger	Type				High efficiency fin and tube type													
Compressor	Type				Inverter driven single screw compressor													
	Quantity				1						2							
Fan	Type				Direct propeller													
	Quantity				3	4		5		6	8				10			12
	Air flow rate	Cooling	Nom.	l/s	12,399	16,532	16,015	20,665	20,019	24,023	33,064		32,030	41,330			40,038	48,046
	Speed			rpm	700													
Sound power level (SS)	Cooling	Nom.		dBA	96	97	96	97	98	101	99	100	99		100		101	104
Sound power level (SR)	Cooling	Nom.		dBA	89			90		92						93		95
Sound pressure level (SS)	Cooling	Nom.		dBA	77			78		82	80		79	80			81	84
Sound pressure level (SR)	Cooling	Nom.		dBA	70		69	70	71	73	72				73			74
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~47													
	Water side	Cooling	Min.~Max.	°CDB	-8~15													
Refrigerant	Type / GWP				R-134a / 1,430													
	Circuits	Quantity			1						2							
Refrigerant charge	Per circuit			kg	29.0	35.0	39.0	46.0	54.0	62.0	31.0	35.0	39.5	42.5	45.5	50.0	54.5	60.5
				TCO_2eq	41.5	50.1	55.8	65.8	77.2	88.7	44.3	50.1	56.5	60.8	65.1	71.5	77.9	86.5
Piping connections	Evaporator water inlet/outlet (OD)				88.9mm						114.3mm	139.7mm				168.3mm		
Unit	Starting current	Max		A	3													
	Running current	Cooling	Nom.	A	105	121	132	159	191	218	223	241	273	294	314	359	385	434
		Max		A	120	142	156	185	215	246	259	284	313	339	370	402	430	491
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400													

Air cooled screw inverter chiller, high efficiency, standard/reduced sound

EWAD-TZSS/SR/XS/XR

MicroTech III

Cooling only				EWAD-TZXS/XR	180	220	265	290	330	360	380	410	440	490	540	580	630	690
Cooling capacity	Nom.			kW	180	216	265	288	332	360	366	407	441	490	536	577	629	682
Power input	Cooling	Nom.		kW	56.1	68.4	84.6	89.8	106	113	116	128	139	156	169	185	201	216
Capacity control	Method				Stepless													
	Minimum capacity			%	33.3	28.6	30.8	28.6	25.0	23.5	16.7	15.4	14.3	16.7	15.4	14.3	13.3	12.5
EER					3.20	3.16	3.14	3.21	3.14	3.18	3.16	3.17		3.15	3.17	3.12		3.16
ESEER					5.02	5.09	5.10	5.15	5.22	5.23	4.96	5.10	5.01	4.96	5.18	5.09	5.12	5.07
IPLV					6.32	6.20	6.33	6.26	6.32	6.37	6.31	6.47	6.39	6.34	6.48	6.44	6.46	6.51
Dimensions	Unit	Height		mm		2,270			2,222									
		Width		mm		1,224			2,258									
		Depth		mm	4,361	5,261		3,218	4,117				5,015			5,917		6,817
Weight (XS)	Unit			kg	2,060	2,304	2,434	2,582	2,986	3,039	4,247	4,321	4,704	4,706	4,882	5,185	5,275	5,588
	Operation weight			kg	2,081	2,404	2,586	2,734	3,035	3,088	4,417	4,479	4,864		5,152	5,455	5,537	5,843
Weight (XR)	Unit			kg	2,158	2,402	2,532	2,679	3,084	3,136	4,442	4,516	4,901		5,077	5,381	5,471	5,783
	Operation weight			kg	2,178	2,502	2,684	2,831	3,133	3,186	4,612	4,674	5,059		5,347	5,651	5,733	6,038
Water heat exchanger	Type				Plate heat exchanger						Single pass shell & tube							
	Water flow rate	Cooling	Nom.	l/s	8.6	10.4	12.7	13.8	15.9	17.2	17.5	19.5	21.1	23.5	25.7	27.6	30.1	32.7
	Water pressure drop	Cooling	Total	kPa	24	25	19	22	23	26	40	41	48	56	30	34	44	57
	Water volume			l	20	24	39		50		170		158		270		262	255
Air heat exchanger	Type				High efficiency fin and tube type													
Compressor	Type				Inverter driven single screw compressor													
	Quantity				1						2							
Fan	Type				Direct propeller													
	Quantity				4	5		6	8				10			12		14
	Air flow rate	Nom.		l/s	16,015	20,665	20,019	24,023	33,064	32,030	33,064	32,030	41,330		40,038	49,597	48,046	56,053
	Speed			rpm	700													
Sound power level (XS)	Cooling	Nom.		dBA	96	97	96	97	98	99			100	99		100		101
Sound power level (XR)	Cooling	Nom.		dBA	89				91	92							93	94
Sound pressure level (XS)	Cooling	Nom.		dBA	77				78	80	79	80		79			80	
Sound pressure level (XR)	Cooling	Nom.		dBA	69	70	69	70	71	72								73
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~49													
	Water side	Cooling	Min.~Max.	°CDB	-8~15													
Refrigerant	Type / GWP				R-134a / 1,430													
	Circuits	Quantity			1						2							
Refrigerant charge	Per circuit			kg	31.0	37.0	45.0	49.0	57.0	61.0	31.0	34.5	37.5	42.0	45.5	49.0	53.5	58.0
				TCO_2eq	44.3	52.9	64.4	70.1	81.5	87.2	44.3	49.3	53.6	60.1	65.1	70.1	76.5	82.9
Piping connections	Evaporator water inlet/outlet (OD)				88.9mm						139.7mm				168.3mm			
Unit	Starting current	Max		A	3													
	Running current	Cooling	Nom.	A	97	116	142	151	179	190	199	217	235	262	284	310	338	361
		Max		A	122	145	172	188	223	237	245	264	290	318	344	376	408	440
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400													

Air cooled screw inverter chiller, premium efficiency, standard/reduced sound

- **Premium energy efficiency both at full and part load conditions**
- Stepless single-screw compressor
- Optimised for use with R-134a
- Advanced compressor technology featuring **integrated inverter** and **variable volume ratio (VVR)**
- Compact design for small footprint and minimized installation space
- Low operating sound levels are achieved by the latest compressor and fan design
- One or two truly independent refrigerant circuits for outstanding reliability

EWAD-TZPS/PR MicroTech III

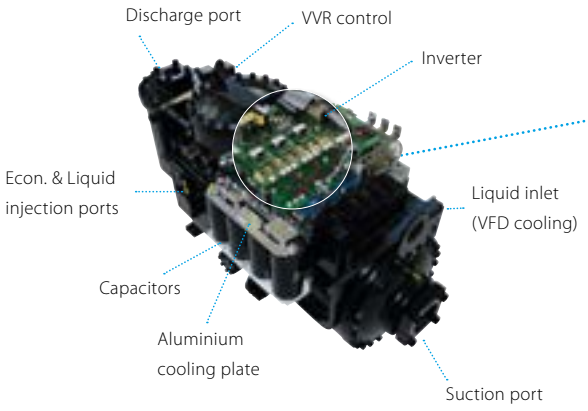
Cooling only				EWAD-TZPS/PR	190	225	250	270	295	320	345	380	415	460	505	560	600	645
Cooling capacity	Nom.			kW	185	221	247	271	294	316	339	369	418	452	495	554	598	639
Power input	Cooling	Nom.		kW	52.7	64.9	69.2	77.4	85.1	94.4	102	110	123	134	146	168	183	200
Capacity control	Method				Stepless													
	Minimum capacity			%	33.3	28.6	33.3	30.8	28.6	26.7	18.2	16.7	15.4	14.3	16.7	15.4	14.3	13.3
EER					3.52	3.41	3.57	3.50	3.45	3.35	3.34	3.36	3.38	3.39	3.38	3.30	3.28	3.20
ESEER					5.49	5.45	5.73	5.66	5.65	5.62	5.46	5.40	5.59	5.54	5.67	5.66	5.55	5.47
IPLV					6.95	6.70	7.22	7.04	7.08	6.81	6.85	6.94	7.05	6.98	7.14	7.13	7.10	6.97
Dimensions	Unit	Height		mm	2,355													
		Width		mm	2,258													
		Depth		mm	3,218		4,117					5,015		5,917			6,817	
Weight (PS)	Unit			kg	2,436	2,565	2,810	2,815	3,026	3,031	4,290	4,517	4,764	5,007	5,241	5,269	5,489	5,591
	Operation weight			kg	2,536	2,591	2,962	2,967	3,076	3,080	4,460	4,687	5,034	5,277	5,511	5,524	5,744	5,838
Weight (PR)	Unit			kg	2,533	2,662	2,908	2,913	3,124	3,128	4,485	4,712	4,960	5,203	5,436	5,465	5,685	5,786
	Operation weight			kg	2,633	2,688	3,060	3,065	3,173	3,178	4,655	4,882	5,230	5,473	5,706	5,720	5,940	6,033
Water heat exchanger	Type				Plate heat exchanger						Single pass shell & tube							
	Water flow rate	Cooling	Nom.	l/s	8.9	10.6	11.8	13.0	14.0	15.1	16.2	17.7	20.0	21.6	23.7	26.5	28.7	30.6
	Water pressure drop	Cooling	Total	kPa	20	23	18	20	18	21	34	41	30	35	26	39	44	50
	Water volume			l	24	26	39		50		170		270			255		
Air heat exchanger	Type				High efficiency fin and tube type													
Compressor	Type				Inverter driven single screw compressor													
	Quantity				1						2							
Fan	Type				Direct propeller													
	Quantity				6		8					10		12			14	
	Air flow rate	Cooling	Nom.	l/s	20,172	19,284	26,896		25,712			33,621	32,140	40,345	38,568		47,069	44,996
	Speed			rpm	600													
Sound power level (PS)	Cooling	Nom.		dBA	96				97		99						100	
Sound power level (PR)	Cooling	Nom.		dBA	87					88	89		90					
Sound pressure level (PS)	Cooling	Nom.		dBA	77		76		77		79				78	79		
Sound pressure level (PR)	Cooling	Nom.		dBA	67	68	67		68		69							
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~51													
	Water side	Cooling	Min.~Max.	°CDB	-8~15													
Refrigerant	Type / GWP				R-134a / 1,430													
	Circuits	Quantity			1						2							
Refrigerant charge	Per circuit			kg	32.0	38.0	42.0	46.0	50.0	54.0	29.0	31.5	35.5	38.5	42.0	47.0	51.0	54.5
				TCO_2eq	45.8	54.3	60.1	65.8	71.5	77.2	41.5	45.0	50.8	55.1	60.1	67.2	72.9	77.9
Piping connections	Evaporator water inlet/outlet (OD)				88.9mm						139.7mm		168.3mm					
Unit	Starting current	Max		A	3													
	Running current	Cooling	Nom.	A	87	105	113	125	137	153	168	180	201	215	238	269	290	321
		Max		A	115	135	151	164	177	193	209	230	249	271	299	325	352	384
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400													

EWAD-TZB screw inverter chiller High efficiency in comfort and process cooling

Over 1,000 sites around the world with screw chillers installed is demonstrating that we will never stop developing the most advanced technology with highest quality level to offer the best chiller experience to our customers.

EWAD-TZB at a glance

› Full inverter air cooled chiller
› Capacity range from 170 up to 1,100 kW
› Daikin single screw compressor with integrated inverter and variable volume ratio
› Best efficiency at full load and part load conditions



Web-based chiller selection software

A user-friendly interface allows users to quickly create new projects, open and change exisiting projects or simply do a quick selection.

Technical selection reports can be printed or downloaded in several formats.

To make life easier, the tool is accessible everywhere, via any device. No matter where you are, projects can be consulted.

Create now a new account on:
http://tools.daikinapplied.eu/

Why choose EWAD-TZB?

High efficiencies both at full load and part load: ESEER up to 5.5 & EER up to 3.6

› Daikin compressor with in-built inverter and Variable Volume Ratio (VVR) for optimized efficiency
› In-house developed software with dynamic condensing pressure management and innovative economizer control logic

Rapid return on investment

› Payback of three years, compared to a non-inverter unit for comfort cooling applications
› Less than one year a for process cooling applications

Perfect comfort level

› Infinitely variable load regulation
› Precise leaving water temperature control thanks to stepless regulation

Compact design

› More compact heat exchanger with superior efficiencies
› Reduced electrical panel dimensions thanks to the inverter compressor mounted

Lowest sound levels

› Down to 87 dB(A) sound power at full load and even lower at part load thanks to fans and compressors variable speed
› Quiet compressor thanks to special acoustic executions
› Unique Daikin fans design with reduced noise impact and vibrations

Unrivaled and proven reliability

› Extensive testing of chillers and components in laboratories, Daikin factories and selected job sites - even at extreme working conditions
› Reduced energy demand without compromising on reliability and performance

Extensive option list

More than 60 different options are available to fit the EWAD-TZ B chiller to fit to your requirements:
› Rapid restart after power failure
› Variable speed water pumps to optimise the working efficiency
› Total heat recovery: 80 to 85% of the total heat rejection of the chiller can be recovered
› Partial heat recovery: 15 to 20% of the total heat rejection of the chiller can be recovered
› Refrigerant leak detection

Air cooled screw inverter chiller, standard efficiency, standard/low sound

› Optimized energy efficiency both at full and part load conditions
› Inverter stepless single-screw compressor
› Advanced compressor technology featuring integrated inverter and variable volume ratio (VVR)
› Compact design for small footprint and minimized installation space
› Low operating sound levels are achieved by the latest compressor and fan design
› One or two truly independent refrigerant circuits for outstanding reliability

Cooling only				**EWAD-TZSSB/SLB**	**160**	**190**	**240**	**270**	**300**	**360**	**380**	**450**	**495**	**570**	**610**	**660**	**700**
Cooling capacity	Nom.			kW	169	200	235	268	306	351	394	455	499	569	612	660	700
Power input	Cooling	Nom.		kW	56.5	69.9	83.0	89.9	108	119	139	163	174	198	217	239	249
Capacity control	Method				Stepless												
	Minimum capacity			%	37	31	34	29	25	24	16	17	16	14	13	12	
EER					2.99	2.87	2.83	2.99	2.82	2.95	2.83	2.78	2.86	2.88	2.81	2.76	2.81
ESEER					4.55	4.61	4.41	4.59	4.57	4.65	4.61	4.62	4.71	4.83	4.80	4.81	4.89
IPLV					4.87	5.07	4.82	5.02	4.96	5.04	4.83	5.11	5.23	5.26	5.22	5.20	5.39
Dimensions	Unit	Height		mm	2,483												
		Width		mm	2,258												
		Depth		mm	2,283			3,183			4,083		4,983		5,883		6,783
Weight (SSB)	Unit			kg	2,066	2,091	2,149	2,375	2,422	2,771	4,044	4,060	4,317	4,603	4,780	4,804	5,074
	Operation weight			kg	2,086	2,117	2,187	2,401	2,460	2,821	4,202	4,224	4,475	4,761	5,050	5,059	5,329
Weight (SLB)	Unit			kg	2,081	2,106	2,164	2,390	2,437	2,786	4,074	4,090	4,347	4,633	4,810	4,834	5,104
	Operation weight			kg	2,101	2,132	2,202	2,416	2,475	2,836	4,232	4,254	4,505	4,791	5,080	5,089	5,359
Water heat exchanger	Type				Plate heat exchanger						Single pass shell & tube						
	Water flow rate	Cooling	Nom.	l/s	8.1	9.6	11.2	12.9	14.6	16.8	18.9	21.8	23.9	27.3	29.3	31.6	33.5
	Water pressure drop	Cooling	Nom.	kPa	25.0	19.3	15.4	32.6	25.2	25.9		32.4	44.0	55.7	38.8	32.3	36.0
	Water volume			l	20.2	26.1	37.3	26.1	37.3	49.5	158	164	158		270	255	
Air heat exchanger	Type				Microchannel												
Compressor	Type				Inverter driven single screw compressor												
	Quantity				1						2						
Fan	Type				Direct propeller												
	Quantity				4			6		8			10	12			14
	Air flow rate	Cooling	Nom.	l/s	15,109			22,664		30,219			37,774	45,328			52,883
	Speed			rpm	700												
Sound power level (SSB)	Cooling	Nom.		dBA	96			97	98	99				100	101	102	105
Sound pressure level (SSB)	Cooling	Nom.		dBA	77				78	79				80		82	84
Sound power level (SLB)	Cooling	Nom.		dBA	90	90.5		91.5	92.5	93.5			94	94.5	95.5	96.5	98.5
Sound pressure level (SLB)	Cooling	Nom.		dBA	71	72			73	74					75	76	77
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~47												
	Water side	Cooling	Min.~Max.	°CDB	-8~18												
Refrigerant	Type / GWP				R-134a / 1,430												
	Circuits	Quantity			1						2						
Refrigerant charge	Per circuit			kg	27	29	33	38	41	52	29	29.5	34	37.5	38.5	41.5	45
				TCO_2eq	39	41	47	54	59	74	41	42	49	54	55.0	59	64
Piping connections	Evaporator water inlet/outlet (OD)				3"			4"			5"				6"		
Unit	Starting current	Max		A	80	93	100	115	137	151	214	230	254	268	315	335	351
	Running current	Cooling	Nom.	A	102	123	188	177	188	200	246	372	366	361	377	396	414
		Max		A	130	149	160	187	220	246	298	320	350	374	439	466	486
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400												

Air cooled screw inverter chiller, standard efficiency, reduced sound

EWAD-TZSSB/SLB/SRB

MicroTech III

Cooling only				EWAD-TZSRB	160	190	240	270	300	360	380	450	495	570	610	660	700
Cooling capacity	Nom.			kW	169	200	235	268	306	351	394	454	499	568	610	659	699
Power input	Cooling	Nom.		kW	56.5	69.9	83	89.9	108	119	140	164	175	199	218	240	250
Capacity control	Method				Stepless												
	Minimum capacity			%	37	31	34	29	25	24	16	17	16	14	13	12	
EER					2.99	2.87	2.83	2.99	2.82	2.95	2.81	2.76	2.85	2.86	2.80	2.74	2.80
ESEER					4.55	4.61	4.41	4.59	4.57	4.65	4.59	4.60	4.69	4.81	4.82	4.78	4.88
IPLV					4.87	5.07	4.82	5.02	4.96	5.04	4.81	5.08	5.27	5.24	5.21	5.17	5.38
Dimensions	Unit	Height		mm	2,483												
		Width		mm	2,258												
		Depth		mm	2,283			3,183			4,083		4,983	5,883			6,783
Weight	Unit			kg	2,166	2,191	2,249	2,475	2,522	2,871	4,244	4,260	4,517	4,803	4,980	5,004	5,274
	Operation weight			kg	2,186	2,217	2,287	2,501	2,560	2,921	4,402	4,424	4,675	4,961	5,250	5,259	5,529
Water heat exchanger	Type				Plate heat exchanger						Single pass shell & tube						
	Water flow rate	Cooling	Nom.	l/s	8.1	9.6	11.2	12.9	14.6	16.8	18.8	21.7	23.9	27.2	29.2	31.5	33.5
	Water pressure drop	Cooling	Nom.	kPa	25.0	19.3	15.4	32.6	25.2	25.9	25.8	32.2	43.9	55.5	38.6	32.2	35.9
	Water volume			l	20.2	26.1	37.3	26.1	37.3	49.5	158	164	158		270	255	
Air heat exchanger	Type				Microchannel												
Compressor	Type				Inverter driven single screw compressor												
	Quantity				1						2						
Fan	Type				Direct propeller												
	Quantity				4			6		8			10	12			14
	Air flow rate	Cooling	Nom.	l/s	15,109			22,664		30,219	29,650		36,920	44,475			51,745
	Speed			rpm	700												
Sound power level	Cooling	Nom.		dBA	86	87		88			90			91		92	94
Sound pressure level	Cooling	Nom.		dBA	67	68			69	70	70		70			71	73
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~47												
	Water side	Cooling	Min.~Max.	°CDB	-8~18												
Refrigerant	Type / GWP				R-134a / 1,430												
	Circuits	Quantity			1						2						
Refrigerant charge	Per circuit			kg	27	29	33	38	41	52	29	29.5	34	37.5	38.5	41.5	45
				TCO_2eq	39	41	47	54	59	74	41	42	49	54	55	59	64
Piping connections	Evaporator water inlet/outlet (OD)				3"			4"			5"				6"		
Unit	Starting current	Max		A	80	93	100	115	137	151	214	230	254	268	315	335	351
	Running current	Cooling	Nom.	A	102	123	188	177	188	200	247	374	368	363	378	398	416
		Max		A	130	149	160	187	220	246	298	320	350	374	439	466	486
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400												

Air cooled screw inverter chiller, high efficiency, standard/low sound

- High energy efficiency both at full and part load conditions
- Inverter stepless single-screw compressor with DC electrical motor
- Advanced compressor technology featuring integrated inverter and variable volume ratio (VVR)
- Continuous fans speed modulation thanks to inverter driven fans to improve part load efficiency
- Compact design for small footprint and minimized installation space
- Low operating sound levels are achieved by the latest compressor and fan design
- One or two truly independent refrigerant circuits for outstanding reliability

Cooling only				**EWAD-TZXSB/XLB**	**190**	**220**	**240**	**290**	**320**	**360**	**420**	**450**	**540**	**570**	**610**	**660**	**680**
Cooling capacity	Nom.			kW	180	211	239	276	313	360	417	472	529	563	599	639	678
Power input	Cooling	Nom.		kW	52.1	63.2	72.5	83.9	100	109	132	144	163	181	191	202	219
Capacity control	Method				Stepless												
	Minimum capacity			%	34	29	34	29	25	17	16	17	16	15	14	13	
EER					3.46	3.34	3.30		3.13	3.30	3.16	3.26	3.24	3.11	3.13	3.16	3.09
ESEER					5.28	5.20	5.15	5.25	5.32	5.39	5.31	5.26	5.31	5.35	5.29	5.36	5.31
IPLV					5.71	5.69	5.64	5.68	5.76	5.94	5.98	5.80	5.76	5.86	5.82	5.84	5.76
Dimensions	Unit	Height		mm	2,483												
		Width		mm	2,258												
		Depth		mm	3,183			4,083		4,983		5,883			6,783	7,683	
Weight (XSB)	Unit			kg	2,362	2,409	2,421	2,770		4,292		4,602	4,800		5,072	5,425	
	Operation weight			kg	2,388	2,447	2,459	2,820		4,450		4,760	5,055		5,327	5,680	
Weight (XLB)	Unit			kg	2,377	2,424	2,436	2,785		4,322		4,632	4,830		5,102	5,455	
	Operation weight			kg	2,403	2,462	2,474	2,835		4,480		4,790	5,085		5,357	5,710	
Water heat exchanger	Type				Plate heat exchanger					Single pass shell & tube							
	Water flow rate	Cooling	Nom.	l/s	8.6	10.1	11.5	13.2	15.0	17.3	20.0	22.6	25.3	27.0	28.7	30.6	32.4
	Water pressure drop	Cooling	Nom.	kPa	16.4	13.2	16.2	17.1	21.0	34.3	31.2	39.7	36.7	41.1	27.1	30.5	33.3
	Water volume			l	26.1	37.3		49.5		158			255				
Air heat exchanger	Type				Microchannel												
Compressor	Type				Inverter driven single screw compressor												
	Quantity				1					2							
Fan	Type				Direct propeller												
	Quantity				6			8		10		12			14	16	
	Air flow rate	Nom.		l/s	22,664			30,219		37,774		45,328			52,883	60,438	
	Speed			rpm	700												
Sound power level (XSB)	Cooling	Nom.		dBA	96	97	96	97	98	99				100		101	
Sound pressure level (XSB)	Cooling	Nom.		dBA	77				78	79						80	
Sound power level (XLB)	Cooling	Nom.		dBA	91	91.5	91	91.5	92.5	93.5	94			94.5	95	95.5	
Sound pressure level (XLB)	Cooling	Nom.		dBA	72	72			73		74	73		74			
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~50												
	Water side	Cooling	Min.~Max.	°CDB	-8~18												
Refrigerant	Type / GWP				R-134a / 1,430												
	Circuits	Quantity			1					2							
Refrigerant charge	Per circuit			kg	36	39	40	51		32		37	40		44.5	48	
				TCO_2eq	51	56	57	73		46		53	57		64	69	
Piping connections	Evaporator water inlet/outlet (OD)				3"			4"		5"			6"				
Unit	Starting current	Max		A	77	89	101	118	137	184	211	237	256	275	300	321	342
	Running current	Cooling	Nom.	A	110	113	186		192	225	231	371.0	383	392	390	387	395
		Max		A	130	149	166	198	225	256	292	333	358	385	417	450	478
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400												

Air cooled screw inverter chiller, high efficiency, reduced sound

EWAD-TZXSB/XLB/XRB

MicroTech III

Cooling only				EWAD-TZXRB	190	220	240	290	320	360	420	450	540	570	610	660	680
Cooling capacity	Nom.			kW	180	211	239	276	313	360	417	472	528	562	598	638	677
Power input	Cooling	Nom.		kW	52.1	63.2	72.5	83.9	100	109	132	145	164	181	192	203	220
Capacity control	Method				Stepless												
	Minimum capacity			%	34	29	34	29	25	17	16	17	16	15	14	13	
EER					3.46	3.34	3.30		3.13	3.29	3.16	3.24	3.22	3.09	3.11	3.15	3.07
ESEER					5.28	5.20	5.15	5.25	5.32	5.37	5.31	5.24	5.29	5.33	5.32	5.34	5.29
IPLV					5.71	5.69	5.64	5.68	5.76	5.92	5.98	5.78	5.74	5.83	5.85	5.81	5.80
Dimensions	Unit	Height		mm	2,483												
		Width		mm	2,258												
		Depth		mm	3,183			4,083		4,983		5,883			6,783	7,683	
Weight	Unit			kg	2,462	2,509	2,521	2,870		4,492		4,802	5,000		5,272	5,625	
	Operation weight			kg	2,488	2,547	2,559	2,920		4,650		4,960	5,255		5,527	5,880	
Water heat exchanger	Type				Plate heat exchanger					Single pass shell & tube							
	Water flow rate	Cooling	Nom.	l/s	8.6	10.1	11.5	13.2	15.0	17.2	20.0	22.6	25.3	26.9	28.6	30.5	32.4
	Water pressure drop	Cooling	Nom.	kPa	16.4	13.2	16.2	17.1	21.0	34.2	31.2	39.7	36.6	41.0	27.1	30.4	33.2
	Water volume			l	26.1	37.3		49.5		158			255				
Air heat exchanger	Type				Microchannel												
Compressor	Type				Inverter driven single screw compressor												
	Quantity				1					2							
Fan	Type				Direct propeller												
	Quantity				6			8		10		12			14	16	
	Air flow rate	Nom.		l/s	22,664			30,219		36,920	37,774	44,475			51,745	59,299	
	Speed			rpm	700												
Sound power level	Cooling	Nom.		dBA	88			89		90		91				92	
Sound pressure level	Cooling	Nom.		dBA	68			69		70						71	
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~50												
	Water side	Cooling	Min.~Max.	°CDB	-8~18												
Refrigerant	Type / GWP				R-134a / 1,430												
	Circuits	Quantity			1					2							
Refrigerant charge	Per circuit			kg	36	39	40	51		32		37	40.0		44.5	48	
				TCO_2eq	51	56	57	73		46		53	57		64	69	
Piping connections	Evaporator water inlet/outlet (OD)				3"		4"			5"			6"				
Unit	Starting current	Max		A	77	89	101	118	137	184	211	237	256	275	300	321	342
	Running current	Cooling	Nom.	A	110	113	186		192	226	231	373.0	385	393	391	389	396
		Max		A	130	149	166	198	225	256	292	333	358	385	417	450	478
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400												

Air cooled screw inverter chiller, premium efficiency, standard/low sound

- Premium energy efficiency both at full and part load conditions
- Inverter stepless single-screw compressor with DC electrical motor
- Advanced compressor technology featuring integrated inverter and variable volume ratio (VVR)
- Continuous fans speed modulation with EC fans for even higher part load efficiency
- Compact design for small footprint and minimized installation space
- Low operating sound levels are achieved by the latest compressor and fan design
- One or two truly independent refrigerant circuits for outstanding reliability

Cooling only					**EWAD-TZPSB/PLB**	**190**	**220**	**240**	**290**	**300**	**350**	**420**	**495**
Cooling capacity	Nom.				kW	183	216	244	281	323	379	435	501
Power input	Cooling	Nom.			kW	50.5	60.7	68.7	83.4	95.9	104	123	139
Capacity control	Method					Stepless							
	Minimum capacity				%	34	29	34	29	27	19	20	17
EER						3.64	3.56	3.55	3.38	3.37	3.62	3.53	3.60
ESEER						5.70	5.66	5.58	5.59	5.55	5.67	5.69	5.71
IPLV						6.09	5.99	5.96	5.99	6.00	6.19	6.13	6.10
Dimensions	Unit	Height			mm	2,483							
		Width			mm	2,258							
		Depth			mm	4,083				4,983	5,883	6,783	
Weight (PSB)	Unit				kg	2,758		2,769	2,770	3,020	4,735	5,069	5,077
	Operation weight				kg	2,808		2,819	2,820	3,070	4,990	5,324	5,332
Weight (PLB)	Unit				kg	2,773		2,784	2,785	3,035	4,765	5,099	5,107
	Operation weight				kg	2,823		2,834	2,835	3,085	5,020	5,354	5,362
Water heat exchanger	Type					Plate heat exchanger					Single pass shell & tube		
	Water flow rate	Cooling	Nom.		l/s	8.8	10.3	11.7	13.5	15.5	18.1	20.8	24.0
	Water pressure drop	Cooling	Nom.		kPa	10.6	11.0	13.4	17.1	21.5	20.4	26.3	33.3
	Water volume				l	49.5					255		
Air heat exchanger	Type					Microchannel							
Compressor	Type					Inverter driven single screw compressor							
	Quantity					1					2		
Fan	Type					Direct propeller							
	Quantity					8				10	12	14	16
	Air flow rate	Cooling	Nom.		l/s	29,610				37,013	44,415	51,818	59,220
	Speed				rpm	700							
Sound power level (PSB)	Cooling	Nom.			dBA	97				98	99		100
Sound pressure level (PSB)	Cooling	Nom.			dBA	77					78	77	78
Sound power level (PLB)	Cooling	Nom.			dBA	91	91.5	91	91.5	92	93.5		94
Sound pressure level (PLB)	Cooling	Nom.			dBA	71	72	71	72		73	72	73
Operation range	Air side	Cooling	Min.~Max.		°CDB	-18~52							
	Water side	Cooling	Min.~Max.		°CDB	-8~18							
Refrigerant	Type / GWP					R-134a / 1,430							
	Circuits	Quantity				1					2		
Refrigerant charge	Per circuit				kg	49		50	51	58	38.5	43	47
					TCO_2eq	70		72	73	83	55	61	67
Piping connections	Evaporator water inlet/outlet (OD)					3"			4"			6"	
Unit	Starting current	Max			A	77	89	101	118	137	177	206	233
	Running current	Cooling	Nom.		A	101	104	172	177		208	263	346
		Max			A	126	144	162	188	218	246	284	324
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/400							

Air cooled screw inverter chiller, premium efficiency, reduced sound

EWAD-TZPSB/PLB/PRB

MicroTech III

Cooling only				EWAD-TZPRB	190	220	240	290	300	350	420	495
Cooling capacity	Nom.			kW	187	218	246	279	317	382	435	505
Power input	Cooling	Nom.		kW	50.5	60.7	68.7	83.4	95.9	105	123	139
Capacity control	Method				Stepless							
	Minimum capacity			%	34	29	34	29	27	19	20	17
EER					3.71	3.59		3.35	3.31	3.64	3.52	3.62
ESEER					5.70	5.66	5.42	5.33	5.39	5.50	5.41	5.63
IPLV					6.09	5.99	5.80	5.73	5.84	5.98	5.89	6.03
Dimensions	Unit	Height		mm	2,483							
		Width		mm	2,258							
		Depth		mm	4,083				4,983	5,883	6,783	
Weight	Unit			kg	2,858		2,869	2,870	3,120	4,935	5,269	5,277
	Operation weight			kg	2,908		2,919	2,920	3,170	5,190	5,524	5,532
Water heat exchanger	Type				Plate heat exchanger					Single pass shell & tube		
	Water flow rate	Cooling	Nom.	l/s	9.0	10.4	11.8	13.3	15.2	18.3	20.8	24.2
	Water pressure drop	Cooling	Nom.	kPa	10.6	11.0	13.4	17.1	21.5	20.4	26.2	33.2
	Water volume			l	49.5					255		
Air heat exchanger	Type				Microchannel							
Compressor	Type				Inverter driven single screw compressor							
	Quantity				1					2		
Fan	Type				Direct propeller							
	Quantity				8				10	12	14	16
	Air flow rate	Cooling	Nom.	l/s	29,610				37,013	43,369	50,423	57,826
	Speed			rpm	700							
Sound power level	Cooling	Nom.		dBA	87	88	87	88		89	90	
Sound pressure level	Cooling	Nom.		dBA	67	68	67	68				69
Operation range	Air side	Cooling	Min.~Max.	°CDB	-18~52							
	Water side	Cooling	Min.~Max.	°CDB	-8~18							
Refrigerant	Type / GWP				R-134a / 1,430							
	Circuits	Quantity			1					2		
Refrigerant charge	Per circuit			kg	49		50	51	58	38.5	43	47
				TCO_2eq	70		72	73	83	55	61	67
Piping connections	Evaporator water inlet/outlet (OD)				3"			4"			6"	
Unit	Starting current	Max		A	77	89	101	118	137	177	206	233
	Running current	Cooling	Nom.	A	101	104	172	177		209	264	347
		Max		A	126	144	162	188	218	246	284	324
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400							

Air cooled mini inverter heat pump

- Inverter technology to ensure low sound values and **leader-of-class ESEER**
- Wide operating range
- Easy 'plug and play' installation
- Single phase power supply and low starting currents make the unit **ideal for residential applications**
- Built-in hydronic module: no buffer tank required and a standard pump and main switch are included

EWYQ-ADVP | Digital controller

Heating & Cooling				EWYQ-ADVP	005	006	007
Cooling capacity	Nom.			kW	5.3 (1)	6.1 (1)	7.2 (1)
Heating capacity	Nom.			kW	6.02 (2) / 5.57 (3)	6.72 (2)/ 6.27 (3)	8.18 (2)/ 7.67(3)
Power input	Cooling	Nom.		kW	1.94 (1)	2.40 (1)	3.00 (1)
	Heating	Nom.		kW	1.65 (2)/ 2.02 (3)	1.89 (2)/ 2.29 (3)	2.41 (2)/ 2.88(3)
Capacity control	Method				Inverter controlled		
EER					2.72 (1)	2.53 (1)	2.39 (1)
COP					3.65 (2)/ 2.76 (3)	3.58 (2)/ 2.74 (3)	3.39 (2)/ 2.66 (3)
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	133		134
			SCOP		3.39	3.40	3.41
			Seasonal space heating eff. class		A+		
Dimensions	Unit	Height		mm	805		
		Width		mm	1,190		
		Depth		mm	360		
Weight	Unit			kg	100		
	Operation weight			kg	104		
Water heat exchanger	Type				Brazed plate		
	Water flow rate	Cooling	Nom.	l/min	15	17	20
		Heating	Nom.	l/min	18	20	24
Air heat exchanger	Type				Tube type		
Hydraulic components	Expansion vessel	Volume		l	6		
Compressor	Type				Hermetically sealed swing compressor		
	Quantity				1		
Fan	Type				Propeller fan		
	Quantity				1		
Sound power level	Cooling	Nom.		dBA	62		63
Sound pressure level	Cooling	Nom.		dBA	48		50
	Heating	Nom.		dBA	48		49
Operation range	Air side	Cooling	Min.~Max.	°CDB	10~43		
		Heating	Min.~Max.	°CDB	-15~25		
	Water side	Cooling	Min.~Max.	°CDB	5~20		
		Heating	Min.~Max.	°CDB	25~50		
Refrigerant	Type / GWP				R-410A / 2,087.5		
	Circuits	Quantity			1		
	Control				Inverter		
Refrigerant charge	Per circuit			kg	1.7		
				TCO_2eq	3.5		
Water circuit	Piping connections diameter			inch	1" MBSP		
Piping connections	Water heat exchanger drain				5/16 SAE flare		
Unit	Running current	Max		A	19.0		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230		

(1) Tamb 35°C - LWE 7°C (DT=5°C) (2) DB/WB 7°C/6°C - LWC 35°C (DT=5°C) (3) DB/WB 7°C/6°C - LWC 45°C (Dt=5°C)

Air cooled mini inverter heat pump

- Inverter technology to ensure low sound values and **leader-of-class ESEER**
- Wide operating range
- Built-in hydronic module: no buffer tank required and a standard pump and main switch are included
- Easy‚plug and play' installation
- Single phase power supply **for residential applications**, three phase power supply model available **for light commercial applications**

EWYQ-ACV3/ACW1 Digital controller

Heating & Cooling					EWYQ	009ACV3	010ACV3	011ACV3	009ACW1	011ACW1	013ACW1
Cooling capacity	Nom.				kW	12.2 (1)/ 8.60 (2)	13.6 (1)/ 9.60 (2)	15.7 (1)/ 11.1 (2)	12.9 (1)/ 9.10 (2)	15.7 (1)/ 11.1 (2)	17.0 (1)/ 13.3 (2)
Heating capacity	Nom.				kW	10.2 (1)/ 9.90 (2)	11.7 (1)/ 11.4 (2)	13.8 (1)/ 12.9 (2)	11.20 (1)/ 10.90 (2)	13.2 (1)/ 12.4 (2)	14.8 (1)/ 13.9 (2)
Power input	Cooling	Nom.			kW	2.85 (1)/ 2.83 (2)	3.41 (1)/ 3.28 (2)	4.13 (1)/ 3.90 (2)	3.08 (1)/ 3.05 (2)	4.13 (1)/ 3.90 (2)	5.52 (1)/ 5.18 (2)
	Heating	Nom.			kW	2.43 (1)/ 2.99 (2)	2.81 (1)/ 3.46 (2)	3.20 (1)/ 3.94 (2)	2.69 (1)/ 3.31 (2)	3.07 (1)/ 3.78 (2)	3.47 (1)/ 4.27 (2)
Capacity control	Method					Inverter controlled					
EER						4.27 (1)/ 3.05 (2)	4.00 (1)/ 2.93 (2)	3.79 (1)/ 2.85 (2)	4.19 (1)/ 2.99 (2)	3.79 (1)/ 2.85 (2)	3.08 (1)/ 2.57 (2)
ESEER						4.31	4.30	4.33	4.43	4.44	4.36
COP						4.19 (1)/ 3.30 (2)	4.17 / (1) 3.29 (2)	4.30 (1)/ 3.27 (2)	4.17 (1)/ 3.28 (2)	4.31 (1)/ 3.27 (2)	4.28 (1)/ 3.25 (2)
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%		126	131	134	126	134	130
			SCOP			3.22	3.34	3.41	3.22	3.41	3.30
			Seasonal space heating eff. class			A+					
Dimensions	Unit	Height			mm	1,435					
		Width			mm	1,420					
		Depth			mm	382					
Weight	Unit				kg	180					
Water heat exchanger	Type					Brazed plate					
	Quantity					1					
	Water flow rate	Heating	Nom.		l/min	28.3	32.6	36.9	31.2	35.5	39.8
	Water volume				l	1.01					
Air heat exchanger	Type					Hi-XSS					
Pump Standard	Nominal ESP unit	Cooling			kPa	60.5	57.8	53.2	59.2	53.2	40.9 / 45.6
		Heating			kPa	57.1	52.5	47.3	54.1	49.1	36.6 / 43.5
Hydraulic components	Expansion vessel	Volume			l	10					
Compressor	Type					Hermetically sealed scroll compressor					
	Quantity					1					
Fan	Type					Propeller fan					
	Quantity					2					
	Air flow rate	Cooling	Nom.		m^3/min	96.0	100	97.0	-		
		Heating	Nom.		m^3/min	90.0			-		
Fan motor	Speed	Cooling	Nom.		rpm	780					
		Heating	Nom.		rpm	760					
		Steps				8					
Sound power level	Cooling	Nom.			dBA	64			64		66
	Heating	Nom.			dBA	60	64	60	60		
Sound pressure level	Cooling	Nom.			dBA	50					
	Heating	Nom.			dBA	50					
	Night quiet mode	Cooling			dBA	45			45		46
		Heating			dBA	42			42		43
Operation range	Air side	Cooling	Min.~Max.		°CDB	10~46					
		Heating	Min.~Max.		°CDB	-15~35					
	Water side	Cooling	Min.~Max.		°CDB	5~20					
		Heating	Min.~Max.		°CDB	30~50					
Refrigerant	Type/GWP					R-410A / 2,087.5					
	Circuits	Quantity				1					
	Control					Electronic expansion valve					
Refrigerant charge	Per circuit				kg	2.95					
					TCO_2eq	6.16					
Water circuit	Piping				inch	5/4"					
	Piping connections diameter				inch	G 5/4" (female)					
Power supply	Phase/Frequency/Voltage				Hz/V	1~/50/230			3N~/50/400		

(1) Underfloor program: cooling Ta 35°C - LWE 18°C (Dt: 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (Dt: 5°C) (2) Fan coil program: cooling Ta 35°C - LWE 7°C (Dt: 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (Dt: 5°C)

Air cooled scroll inverter heat pump

- High efficiency with **leader-of-class ESEER**
- Minimal starting currents and short payback times
- No buffertank required for standard applications
- **Large operation range** (ambient temperature up to 43°C)
- A modbus gateway (RTD-W) can be installed per unit in order allow the control and monitoring by a Daikin controller or a third-party BMS, which will increase further the efficiency of the system
- All systems that are connected with RTD-W can be controlled and **monitored centrally** with the master/slave control kit: the sequencing controller EKCC-W

EWYQ-BAWN/BAWP BRC21A53/54

Heating & Cooling				EWYQ-BAWN/BAWP	016	021	025	032	040	050	064
Cooling capacity	Nom.			kW	17.4(1)/16.6(2)	21.7(1)/20.7(2)	25.8(1)/24.7(2)	32.3(1)/30.9(2)	43.4(1)/41.5(2)	51.8(1)/49.7(2)	64.5(1)/62.3(2)
Heating capacity	Nom.			kW	16.2(1)/17.00(2)	20.3(1)/21.30(2)	24.6(1)/25.70(2)	30.7(1)/32.10(2)	40.6(1)/42.50(2)	49.0(1)/51.10(2)	61.5(1)/63.70(2)
Power input	Cooling	Nom.		kW	5.60(1)/5.80(2)	7.25(1)/7.59(2)	9.29(1)/9.74(2)	13.0(1)/13.5(2)	14.7(1)/15.4(2)	18.8(1)/19.7(2)	26.4(1)/27.4(2)
	Heating	Nom.		kW	5.53(1)/5.73(2)	7.10(1)/7.44(2)	8.91(1)/9.36(2)	10.6(1)/11.1(2)	14.0(1)/14.7(2)	17.6(1)/18.5(2)	20.7(1)/21.7(2)
Capacity control	Method				Inverter controlled						
	Minimum capacity			%	25						
EER					3.11(1)/2.86(2)	2.99(1)/2.73(2)	2.78(1)/2.54(2)	2.48(1)/2.29(2)	2.95(1)/2.69(2)	2.76(1)/2.52(2)	2.44(1)/2.27(2)
ESEER					4.33(1)/4.21(2)	4.08(1)/4.18(2)	3.85(1)/4.04(2)	3.39(1)/3.62(2)	4.19(1)/4.24(2)	3.96(1)/4.12(2)	3.64(1)/3.78(2)
COP					2.93(1)/2.97(2)	2.86(1)/2.86(2)	2.76(1)/2.75(2)	2.90(1)/2.89(2)		2.78(1)/2.76(2)	2.97(1)/2.94(2)
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	130(1)/133(2)	126(1)/126(2)	130(1)/121(2)	120(1)/119(2)	126(1)/126(2)	138(1)/121(2)	121(1)/119(2)
			SCOP		3.33(1)/3.39(2)	3.22(1)/3.22(2)	3.32(1)/3.09(2)	3.08(1)/3.06(2)	3.22(1)/3.21(2)	3.53(1)/3.08(2)	3.09(1)/3.04(2)
			Seasonal space heating eff. class		A+(1)/A+(2)		A+(1)/A(2)	A(1)/A(2)	A+(1)/A+(2)	A+(1)/A(2)	A(1)/A(2)
Dimensions	Unit	Height		mm	1,684						
		Width		mm	1,370			1,680	2,360		2,980
		Depth		mm	774				780		
Weight	Unit			kg	264	317		397	571		730
	Operation weight			kg	267	320		401	577		738
Water heat exchanger	Type				Brazed plate						
	Water flow rate	Cooling	Nom.	l/min	50.0	62.0	74.0	93.0	124	148	185
		Heating	Nom.	l/min	46.0	58.0	71.0	88.0	116	140	176
	Water pressure drop	Cooling	Total	kPa	20	30	42	30		42	30
	Water volume			l	1.90			2.90	3.80		5.70
Air heat exchanger	Type				Hi-XSS						
Compressor	Type				Hermetically sealed scroll compressor						
	Quantity				1	2		3	4		6
Fan	Type				Axial						
	Quantity				1			2			4
	Air flow rate	Cooling	Nom.	m^3/min	171	185		233	370		466
		Heating	Nom.	m^3/min	171	185		233	370		466
Sound power level	Cooling	Nom.		dBA	78.0			80.0	81.0		83.0
Operation range	Air side	Cooling	Min.~Max.	°CDB	-5~43						
		Heating	Min.~Max.	°CDB	-15~35						
	Water side	Cooling	Min.~Max.	°CDB	-10~20						
		Heating	Min.~Max.	°CDB	25~50						
Refrigerant	Type / GWP				R-410A / 2,087.5						
	Circuits	Quantity			1				2		
	Control				Electronic expansion valve						
Refrigerant charge	Per circuit			kg	7.6			9.6	15.2		19.2
				TCO_2eq	15.9			20.0	31.7		40.1
Water circuit	Piping			inch	1-1/4"				1-1/2"		
	Piping connections diameter			inch	1-1/4" (female)				2" (female)		
Unit	Starting current	Max		A	0.00	77.7	78.7	88.7	99.8	102	121
	Running current	Max		A	22.2	25.3	26.4	35.2	47.4	49.6	67.2
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400						

(1) EWYQ-BAWN: Version without pump (2) EWYQ-BAWP: Version with pump

Air cooled scroll inverter heat pump, split version

- **Hydronic module for indoor installation** eliminating the need for glycol
- **Ideal for colder climates** as the lack of glycol will allow for high efficiencies
- Compact dimensions and limited pipework allow for **installation in very restricted spaces**
- Easy transportation as separate units will fit in an elevator

SEHVX-AAW+SERHQ-AAW1 BRC21A53/54

Heating & Cooling					SEHVX20AAW/ SERHQ020AAW1	SEHVX32AAW/ SERHQ032AAW1	SEHVX40AAW/ SERHQ020AAW1+SERHQ020AAW1	SEHVX64AAW/ SERHQ032AAW1+SERHQ032AAW1
Cooling capacity	Nom.			kW	20.7	30.9	41.5	62.3
Heating capacity	Nom.			kW	21.3 (1)/ 21.3 (2)	32.1 (1)/ 32.1 (2)	42.5 (1)/ 42.5 (2)	63.7 (1)/ 63.7(2)
Power input	Cooling	Nom.		kW	7.59	13.5	15.4	27.4
	Heating	Nom.		kW	6.12 (1)/ 7.44 (2)	8.72 (1)/ 11.1 (2)	12.0 (1)/ 14.7 (2)	16.9 (1)/ 21.7 (2)
EER					2.73	2.29	2.69	2.27
COP					3.48 (1)/2.86 (2)	3.68 (1)/ 2.89 (2)	3.54 (1)/ 2.89 (2)	3.77 (1)/ 2.94 (2)
Space heating	Average climate water outlet 35°C	General	SCOP		3.22	3.06	3.22	3.05
			ηs (Seasonal space heating efficiency)	%	126	119	126	120
			Seasonal space heating eff. class		A+	A	A+	A

Unit for indoor installation				SEHVX-AAW	SEHVX20AAW	SEHVX32AAW	SEHVX40AAW	SEHVX64AAW
Dimensions	Unit	Height		mm	1,573			
		Width		mm	766			
		Depth		mm	396			
Weight	Unit			kg	60	62	64	66
	Packed unit			kg	70	72	74	76
Sound power level	Nom.			dBA	63		66	
Operation range	Heating	Ambient	Min.~Max.	°C~°CDB	-15~35			
		Water side	Min.~Max.	°C	25~50			
	Indoor installation	Ambient	Min.	°CDB	5			
			Max.	°CDB	35			
	Cooling	Ambient	Min.~Max.	°CDB	-5~43			
		Water side	Min.~Max.	°C	5~20			
Refrigerant	Type / GWP				R-410A / 2,087.5			
	Circuits	Quantity			1			
	Control				Electronic expansion valve			
Water circuit	Piping connections diameter			inch	G 1"1/4 (female)		G 2" (female)	
	Piping			inch	1-1/4"		1-1/2"	
	Water pressure drop	Cooling	Nom.	kPa	176	151	231	141
		Heating	Nom.	kPa	174	149	229	139
	Total water volume			l	3.2	4.2	5.8	7.7
Water side Heat exchanger	Type				Brazed plate			
	Water volume			l	1.9	2.9	3.8	5.7
	Water flow rate	Heating	Nom.	l/min	61	92	122	183
		Cooling	Nom.	l/min	59	89	119	179
Current	Maximum running current	Cooling		A	5.54	5.64	7.24	
		Heating		A	5.54	5.64	7.24	
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400			

Outdoor Unit				SERHQ-AAW1	SERHQ020AAW1	SERHQ032AAW1
Dimensions	Unit	Height		mm	1,680	
		Width		mm	930	1,240
		Depth		mm	765	
Weight	Unit			kg	240.00	316.00
	Packed unit			kg	273.00	355.95
Compressor	Quantity				2	3
	Type				Hermetically sealed scroll compressor	
Fan	Type				Propeller fan	
	Quantity				1	2
	Air flow rate	Cooling	Nom.	m^3/min	185	233
		Heating	Nom.	m^3/min	185	233

(1) Heating Ta DB/WB 7/6°C - LWC 35°C (DT=5°C) (2) Heating Ta DB/WB 7/6°C - LWC 45°C

Air cooled multi-scroll heat pump, high efficiency, standard sound

- Single refrigerant circuit (2 scroll compressors) with single evaporator
- Compact design
- Partial and total heat recovery option available
- Stainless steel plate heat exchanger
- MicroTech III controller with superior control logic and easy interface

Heating & Cooling				EWYQ-G-XS	075	085	100	110	120	140	160
Cooling capacity	Nom.			kW	77.8	88.1	101	117	127	147	165
Heating capacity	Nom.			kW	82.2	91.2	110	127	138	156	170
Power input	Cooling	Nom.		kW	27.0	31.5	36.0	39.5	44.7	50.2	57.8
	Heating	Nom.		kW	26	29	34	39	43	50	54
Capacity control	Method				Step						
	Minimum capacity			%	50	44	50	44	50	43	50
EER					2.88	2.80	2.81	2.97	2.84	2.92	2.85
COP					3.14	3.12	3.24	3.25	3.20	3.11	3.13
ESEER					3.90	3.94	3.97	4.03	3.92	3.96	
IPLV					4.40	4.47	4.40	4.49	4.40	4.50	
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	131	129	142	140	142	138	140
			SCOP		3.35	3.31	3.62	3.58	3.63	3.53	3.58
Dimensions	Unit	Height		mm	1,800						
		Width		mm	1,195						
		Depth		mm	2,826			3,426		4,026	
Weight	Unit			kg	850	912	1,077	1,183	1,213	1,333	1,394
	Operation weight			kg	858	921	1,088	1,194	1,224	1,344	1,411
Water heat exchanger	Type				Brazed plate						
	Water flow rate	Cooling	Nom.	l/s	3.7	4.2	4.8	5.6	6.1	7.0	7.9
		Heating	Nom.	l/s	4.0	4.4	5.3	6.1	6.7	7.5	8.2
	Water pressure drop	Cooling	Nom.	kPa	8.40	8.30	8.70	11.6	13.7	18.2	19.9
		Heating	Nom.	kPa	9.50	9.10	11.20	14.40	17.20	21.70	22.50
	Water volume			l	8.10	9.40	10.8				16.7
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler						
Compressor	Type				Scroll compressor						
	Quantity				2						
Fan	Type				Direct propeller						
	Quantity				6			8		10	
	Air flow rate	Nom.		l/s	10,042		9,861	13,148		16,435	
	Speed			rpm	1,360						
Sound power level	Cooling	Nom.		dBA	84	85	87	89			
Sound pressure level	Cooling	Nom.		dBA	66	68	70	71			
Operation range	Air side	Cooling	Min.~Max.	°CDB	-10~45						
		Heating	Min.~Max.	°CDB	-10~45						
	Water side	Cooling	Min.~Max.	°CDB	-10~15						
		Heating	Min.~Max.	°CDB	-10~15						
Refrigerant	Type / GWP				R-410A / 2,087.5						
	Circuits	Quantity			1						
Refrigerant charge	Per circuit			kg	15.0		18.0	23.0		30.0	
				TCO_2eq	31.3		37.6	48.0		62.6	
Piping connections	Evaporator water inlet/outlet (OD)				2" 1/2						
Unit	Starting current	Max		A	210	261	267	316	323	363	377
	Running current	Cooling	Nom.	A	52	56	60	69	76	88	95
		Max		A	66	72	78	87	95	111	125
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400						

Air cooled multi-scroll heat pump, high efficiency, reduced sound

EWYQ-G-XS/XR

MicroTech III

Heating & Cooling				EWYQ-G-XR	075	085	100	110	120	140	160
Cooling capacity	Nom.			kW	75.2	84.5	95.0	111	120	139	155
Heating capacity	Nom.			kW	82.2	91.2	110	127	138	156	170
Power input	Cooling	Nom.		kW	27.7	32.7	38.6	41.5	47.4	52.8	61.5
	Heating	Nom.		kW	26	29	34	39	43	50	54
Capacity control	Method				Step						
	Minimum capacity			%	50	44	50	44	50	43	50
EER					2.71	2.59	2.46	2.68	2.52	2.64	2.51
COP					3.14	3.12	3.24	3.25	3.20	3.11	3.13
ESEER					3.85	3.90	3.79	3.92	3.76	3.86	3.79
IPLV					4.35	4.41	4.29	4.42	4.27	4.40	4.35
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	131	129	142	140	142	138	140
			SCOP		3.35	3.31	3.62	3.58	3.63	3.53	3.58
Dimensions	Unit	Height		mm	1,800						
		Width		mm	1,195						
		Depth		mm	2,826			3,426		4,026	
Weight	Unit			kg	880	942	1,107	1,213	1,243	1,363	1,424
	Operation weight			kg	888	951	1,118	1,224	1,254	1,374	1,441
Water heat exchanger	Type				Brazed plate						
	Water flow rate	Cooling	Nom.	l/s	3.6	4.0	4.5	5.3	5.7	6.7	7.4
		Heating	Nom.	l/s	4.0	4.4	5.3	6.1	6.7	7.5	8.2
	Water pressure drop	Cooling	Nom.	kPa	7.90	7.70	7.60	10.5	12.1	16.4	17.5
		Heating	Nom.	kPa	9.50	9.10	11.2	14.4	17.2	21.7	22.5
	Water volume			l	8.10	9.40	10.8				16.7
Air heat exchanger	Type				High efficiency fin and tube type						
Compressor	Type				Scroll compressor						
	Quantity				2						
Fan	Type				Direct propeller						
	Quantity				6			8		10	-
	Air flow rate	Nom.		l/s	7,859		7,101	9,468		11,835	
	Speed			rpm	1,108						
Sound power level	Cooling	Nom.		dBA	80	82	84	86			
Sound pressure level	Cooling	Nom.		dBA	62	65	66	68		67	
Operation range	Air side	Cooling	Min.~Max.	°CDB	-10~45						
		Heating	Min.~Max.	°CDB	-17~20						
	Water side	Cooling	Min.~Max.	°CDB	-10~15						
		Heating	Min.~Max.	°CDB	25~50						
Refrigerant	Type / GWP				R-410A / 2,087.5						
	Circuits	Quantity			1						
Refrigerant charge	Per circuit			kg	17.0	17.7	23.5	29.4	28.3	32.0	34.9
				TCO_2eq	35.5	36.9	49.1	61.4	59.1	66.8	72.9
Piping connections	Evaporator water inlet/outlet (OD)				2" 1/2						
Unit	Starting current	Max		A	213	264	270	319	327	367	381
	Running current	Cooling	Nom.	A	54	60	65	71	80	90	103
		Max		A	70	75	81	91	99	116	131
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400						

Air cooled multi-scroll heat pump, high efficiency, standard/low sound

- **Class A efficiency in heating mode**
- Extended operation range: ambient temperatures from -10°C up to +46°C in cooling mode and down to -17°C in heating mode
- 2 truly independent refrigerant circuits
- Reduced footprint thanks to the **V-shaped frame** (EWYQ160-230F-XS/XL & EWYQ160-220F-XR)
- Reliable and efficient scroll compressors with **high EER values**
- Chiller series design entirely based on new European directives (EN14511, EN14825)
- Top serviceability level thanks to reduced weight, compact footprint and optimized components accessibility
- The unit can be equipped with a hydraulic module optimizing installation time, space and cost
- Wide range of available options and accessories
- Inverter fans management for enhanced part load efficiencies
- Nordic kit option to improve the chiller working conditions in heating mode
- MicroTech III controller with superior control logic and easy interface

Heating & Cooling				**EWYQ-F-XS/XL**	**160**	**190**	**210**	**230**	**310**	**340**	**380**	**400**	**430**	**510**	**570**	**630**
Cooling capacity	Nom.			kW	164	184	205	231	304	335	376	401	427	502	565	624
Heating capacity	Nom.			kW	173	197	227	254	329	362	404	429	463	535	607	674
Power input	Cooling	Nom.		kW	57.6	63.3	70.3	79.3	102	114	129	138	145	172	195	214
	Heating	Nom.		kW	54.0	61.6	70.5	79.2	101	113	126	133	140	167	190	210
Capacity control	Method				Step											
	Minimum capacity			%	25.0									17.0		
EER					2.84	2.91	2.92		2.99	2.93	2.91	2.90	2.94	2.92	2.90	2.91
ESEER					3.73	3.89	3.81	3.71	4.07	4.19	3.99	3.96	4.14	4.20	3.98	4.06
COP					3.20		3.22	3.21	3.24	3.21		3.23	3.30	3.21	3.20	3.21
IPLV					4.45	4.47	4.55	4.38	4.56	4.61	4.38	4.50	4.70	4.71	4.56	4.74
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	128	134	129		143	147	-					
			SCOP		3.28	3.42	3.31	3.30	3.64	3.75	-					
Dimensions	Unit	Height		mm	2,270				2,220							
		Width		mm	1,200				2,258							
		Depth		mm	4,370		5,270		4,125			5,025		5,925		6,825
Weight (XS)	Unit			kg	1,430	1,850	2,300	2,350	2,900	2,910	2,920	3,730	3,750	4,250	4,280	4,670
	Operation weight			kg	1,470	1,890	2,340	2,390	2,980	2,990	3,000	3,840	3,850	4,370	4,400	4,780
Weight (XL)	Unit			kg	1,520	1,940	2,400	2,440	3,060	3,070	3,080	3,890	3,900	4,400	4,440	4,820
	Operation weight			kg	1,570	1,980	2,440	2,480	3,130	3,150	3,160	3,990	4,010	4,520	4,550	4,940
Water heat exchanger	Type				Plate heat exchanger											
	Water flow rate	Cooling	Nom.	l/s	7.8	8.8	9.8	11.1	14.6	16.0	18.0	19.2	20.4	24.0	27.1	29.9
		Heating	Nom.	l/s	8.3	9.5	10.9	12.2	15.9	17.5	19.5	20.7	22.3	25.8	29.3	32.5
	Water pressure drop	Cooling	Nom.	kPa	22	28	36	40	21	27	30	29	34	37	42	56
		Heating	Nom.	kPa	25	32	43	50	25	31	37	33	40	43	50	66
	Water volume			l	18				44			60		70		
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler											
Compressor	Type				Scroll compressor											
	Quantity				4									6		
Fan	Type				Direct propeller											
	Quantity				4		5		8			10		12		14
	Air flow rate	Nom.		l/s	22,577	21,593	26,992		43,187			55,213	53,983	64,780		75,577
	Speed			rpm	900											
Sound power level (XS)	Cooling	Nom.		dBA	92	94	95		97		98	99			100	
Sound power level (XL)	Cooling	Nom.		dBA	89	92	93		95			96		97		98
Sound pressure level (XS)	Cooling	Nom.		dBA	72	74	75	76	77		78		79			80
Sound pressure level (XL)	Cooling	Nom.		dBA	70	73		74	75				76	77		
Operation range	Air side	Cooling	Min.~Max.	°CDB	-10~46											
		Heating	Min.~Max.	°CDB	-17~20											
	Water side	Cooling	Min.~Max.	°CDB	-13~15											
		Heating	Min.~Max.	°CDB	25~50											
Refrigerant	Type / GWP				R-410A / 2,087.5											
	Circuits	Quantity			2											
Refrigerant charge	Per circuit			kg	16.0	20.0		24.0	35.0	36.0	35.0	46.0		55.0	52.5	68.0
				TCO_2eq	33.4	41.8		50.1	73.1	75.2	73.1	96.0		114.8	109.6	142.0
Piping connections	Evaporator water inlet/outlet (OD)				2.5"				3"							
Unit	Starting current	Max		A	282	536	353	560	600	516	637	659	666	648	787	827
	Running current	Cooling	Nom.	A	115	140	128	162	193	205	235	251	257	307	353	384
		Max		A	138	165	164	196	246	264	295	316	330	396	442	491
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400											

Air cooled multi-scroll heat pump, high efficiency, reduced sound

EWYQ-F-XS/XL/XR MicroTech III

Heating & Cooling				EWYQ-F-XR	160	180	200	220	300	330	360	390	420	490	550	610
Cooling capacity	Nom.			kW	158	178	199	223	296	326	363	389	415	487	546	606
Heating capacity	Nom.			kW	173	197	227	254	329	362	404	429	463	535	607	674
Power input	Cooling	Nom.		kW	56.2	62.3	68.4	77.9	97.4	111	127	134	141	167	191	210
	Heating	Nom.		kW	54.0	61.6	70.5	79.2	101	113	126	133	140	167	190	210
Capacity control	Method				Step											
	Minimum capacity			%	25.0									17.0		
EER					2.81	2.86	2.92	2.87	3.04	2.93	2.86	2.90	2.93	2.91	2.85	2.89
ESEER					4.33	4.39	4.38	4.19	4.63	4.68	4.37	4.44	4.60	4.83	4.50	4.62
COP					3.20		3.22	3.21	3.24	3.21		3.23	3.30	3.21	3.20	3.21
IPLV					5.11	5.18	5.22	4.96	5.25	5.35	4.97	5.08	5.25	5.54	5.13	5.36
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	128	134	129		143	147	-					
			SCOP		3.28	3.42	3.31	3.30	3.64	3.75	-					
Dimensions	Unit	Height		mm	2,270				2,220							
		Width		mm	1,200				2,258							
		Depth		mm	4,370		5,270		4,125			5,025		5,925		6,825
Weight	Unit			kg	1,520	1,940	2,400	2,440	3,060	3,070	3,080	3,890	3,900	4,400	4,440	4,820
	Operation weight			kg	1,570	1,980	2,440	2,480	3,130	3,150	3,160	3,990	4,010	4,520	4,550	4,940
Water heat exchanger	Type				Plate heat exchanger											
	Water flow rate	Cooling	Nom.	l/s	7.5	8.5	9.6	10.7	14.2	15.6	17.4	18.6	19.8	23.3	26.1	29.0
		Heating	Nom.	l/s	8.3	9.5	10.9	12.2	15.9	17.5	19.5	20.7	22.3	25.8	29.3	32.5
	Water pressure drop	Cooling	Nom.	kPa	20	26	34	38	20	25	28	27	32	35	39	53
		Heating	Nom.	kPa	25	32	43	50	25	31	37	33	40	43	50	66
	Water volume			l	18				44			60		70		
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler											
Compressor	Type				Scroll compressor											
	Quantity				4									6		
Fan	Type				Direct propeller											
	Quantity				4		5		8			10		12		14
	Air flow rate	Nom.		l/s	17,380	16,564	20,706		33,129			42,431	41,411	49,693		57,975
	Speed			rpm	700											
Sound power level	Cooling	Nom.		dBA	83	84	86		88		89	90		92		
Sound pressure level	Cooling	Nom.		dBA	64	65	66	67	69			70		71		
Operation range	Air side	Cooling	Min.~Max.	°CDB	-10~46											
		Heating	Min.~Max.	°CDB	-17~20											
	Water side	Cooling	Min.~Max.	°CDB	-13~15											
		Heating	Min.~Max.	°CDB	25~50											
Refrigerant	Type / GWP				R-410A / 2,087.5											
	Circuits	Quantity			2											
Refrigerant charge	Per circuit			kg	16.0	18.0	20.0	24.0	35.0	36.0	35.0	46.0		55.0		68.0
				TCO_2eq	33.4	37.6	41.8	50.1	73.1	75.2	73.1	96.0		114.8		142.0
Piping connections	Evaporator water inlet/outlet (OD)				2.5"				3"							
Unit	Starting current	Max		A	276	530	346	553	589	505	626	645	652	631	770	807
	Running current	Cooling	Nom.	A	114	138	126	160	187	201	232	245	252	301	350	379
		Max		A	133	160	157	189	235	253	283	302	316	379	425	471
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400											

Air cooled screw inverter heat pump, standard efficiency, standard sound

- Ideal solution for **commercial comfort cooling and/or heating applications**
- Optimum ESEER values
- 2-3 truly independent refrigerant circuits
- Low starting current
- DX shell and tube evaporator – one pass refrigerant side to minimize pressure drops
- Standard electronic expansion valve
- Optimised defrost cycles
- Partial and total heat recovery option available
- Power factor up to 0.95
- PID microprocessor control

Heating & Cooling				EWYD-BZSS	250	270	290	320	340	370	380	410	440	460	510	520	580
Cooling capacity	Nom.			kW	253	272	291	323	337	363	380	411	433	455	502	519	580
Heating capacity	Nom.			kW	271	298	325	334	350	380	412	445	465	477	533	561	618
Power input	Cooling	Nom.		kW	91.3	101	110	117	125	135	144	154	165	163	182	189	218
	Heating	Nom.		kW	91.4	100	108	118	126	133	143	157	167	165	178	186	208
Capacity control	Method				Stepless												
	Minimum capacity			%	13.0									9.0			
EER					2.77	2.70	2.65	2.75	2.69	2.68	2.63	2.66	2.62	2.79	2.76	2.74	2.67
ESEER					3.93	3.92	3.89	3.95	3.89	3.90	3.82	3.91	3.89	4.18	4.01		3.93
COP					2.96	2.97	3.00	2.82	2.78	2.85	2.88	2.83	2.79	2.88	2.99	3.01	2.97
IPLV					4.58	4.62		4.75	4.64	4.71	4.67	4.73	4.69	4.85	4.89	4.85	4.78
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	125						-						
			SCOP		3.21		3.20		3.21		-						
Dimensions	Unit	Height		mm	2,335									2,280			
		Width		mm	2,254												
		Depth		mm	3,547			4,428				5,329		6,659			
Weight	Unit			kg	3,410	3,455	3,500	3,870		3,940	4,010	4,390		5,015	5,495	5,735	
	Operation weight			kg	3,550	3,595	3,640	4,010		4,068	4,138	4,518		5,255	5,724	5,964	5,953
Water heat exchanger	Type				Single pass shell & tube												
	Water flow rate	Cooling	Nom.	l/s	12.1	13.0	13.9	15.5	16.2	17.4	18.2	19.7	20.8	21.8	24.1	24.9	27.8
		Heating	Nom.	l/s	13.1	14.4	15.7	16.1	16.9	18.3	19.8	21.4	22.4	23.0	25.6	27.0	29.7
	Water pressure drop	Cooling	Nom.	kPa	40	46	44	50	55	60	65	74	80	47	85	91	61
		Heating	Nom.	kPa	30	35	52	37	40	45	51	59	64	42	63	69	59
	Water volume			l	138			133			128			240	229		218
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler												
Compressor	Type				Single screw compressor												
	Quantity				2									3			
Fan	Type				Direct propeller												
	Quantity				6			8				10		12			
	Air flow rate	Nom.		l/s	31,729	31,422	31,115	42,306		42,337	41,487	52,882		63,458	62,640	61,652	62,231
	Speed			rpm	900												
Sound power level	Cooling	Nom.		dBA	101							102		104			
Sound pressure level	Cooling	Nom.		dBA	82							83		84			
Operation range	Air side	Cooling	Min.~Max.	°CDB	-10~45												
		Heating	Min.~Max.	°CDB	-10~20												
	Water side	Cooling	Min.~Max.	°CDB	-8~15												
		Heating	Min.~Max.	°CDB	35~55												
Refrigerant	Type / GWP				R-134a / 1,430												
	Circuits	Quantity			2									3			
Refrigerant charge	Per circuit			kg	43.0	44.0	43.0	46.0		46.5	47.0	50.0		47.0			49.0
				TCO_2eq	61.5	62.9	61.5	65.8		66.5	67.2	71.5		67.2			70.1
Piping connections	Evaporator water inlet/outlet (OD)				139.7mm									219.1mm			
Unit	Starting current	Max		A	150			181		204		224	238	245	300	323	
	Running current	Cooling	Nom.	A	137	150	164	176	188	202	214	229	244	246	270	281	322
		Max		A	211		212	254		288		316	336	329	398	432	
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400												

Air cooled screw inverter heat pump, standard efficiency, low sound

EWYD-BZSS/SL MicroTech II

Heating & Cooling				EWYD-BZSL	250	270	290	320	330	360	370	400	430	450	490	510	570
Cooling capacity	Nom.			kW	247	265	290	315	330	353	370	401	423	446	490	507	565
Heating capacity	Nom.			kW	271	298	325	334	350	380	412	445	465	477	533	561	618
Power input	Cooling	Nom.		kW	89.5	99.5	110	115	123	134	144	151	163	158	177	186	216
	Heating	Nom.		kW	91.4	100	108	118	126	133	143	157	167	165	178	186	208
Capacity control	Method				Stepless												
	Minimum capacity			%	13.0									9.0			
EER					2.76	2.66	2.62	2.75	2.68	2.64	2.57	2.66	2.59	2.83	2.77	2.73	2.61
ESEER					4.06	4.04	4.03	4.17	4.09	4.04	4.01	4.06	4.02	4.18	4.16	4.10	3.98
COP					2.96	2.97	3.00	2.82	2.78	2.85	2.88	2.83	2.79	2.88	2.99	3.01	2.97
IPLV					4.90	4.96	4.91	5.17	5.08	5.12	5.06	5.22	5.13	5.07	5.03	4.99	4.90
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	125						-						
			SCOP		3.21		3.20		3.21		-						
Dimensions	Unit	Height		mm	2,335									2,280			
		Width		mm	2,254												
		Depth		mm	3,547			4,428				5,329		6,659			
Weight	Unit			kg	3,750	3,795	3,840	4,210		4,280	4,350	4,730		5,525	6,005	6,245	
	Operation weight			kg	3,888	3,933	3,978	4,343		4,408	4,478	4,858		5,765	6,234	6,474	6,463
Water heat exchanger	Type				Single pass shell & tube												
	Water flow rate	Cooling	Nom.	l/s	11.8	12.7	13.9	15.1	15.8	16.9	17.7	19.2	20.3	21.4	23.5	24.3	27.1
		Heating	Nom.	l/s	13.1	14.4	15.7	16.1	16.9	18.3	19.8	21.4	22.4	23.0	25.6	27.0	29.7
	Water pressure drop	Cooling	Nom.	kPa	38	44	42	48	53	57	62	71	77	45	82	87	58
		Heating	Nom.	kPa	30	35	52	37	40	45	51	59	64	42	63	69	59
	Water volume			l	138			133		128				240	229		218
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler												
Compressor	Type				Single screw compressor												
	Quantity				2									3			
Fan	Type				Direct propeller												
	Quantity				6			8				10		12			
	Air flow rate	Cooling	Nom.	l/s	24,432	24,264	24,095	32,576		32,628	32,127	40,720		48,863	48,415	47,732	48,191
	Speed			rpm	700												
Sound power level	Cooling	Nom.		dBA	94			95						97			
Sound pressure level	Cooling	Nom.		dBA	76									77			
Operation range	Air side	Cooling	Min.~Max.	°CDB	-10~45												
		Heating	Min.~Max.	°CDB	-10~20												
	Water side	Cooling	Min.~Max.	°CDB	-8~15												
		Heating	Min.~Max.	°CDB	35~55												
Refrigerant	Type / GWP				R-134a / 1,430												
	Circuits	Quantity			2									3			
Refrigerant charge	Per circuit			kg	43.0	44.0	43.0	46.0		46.5	47.0	50.0		47.0			49.0
				TCO_2eq	61.5	62.9	61.5	65.8		66.5	67.2	71.5		67.2			70.1
Piping connections	Evaporator water inlet/outlet (OD)				139.7mm									219.1mm			
Unit	Starting current	Max		A	145		146	176		199		217	231	234	288	311	305
	Running current	Cooling	Nom.	A	134	148	163	171	184	199	212	224	240	238	263	275	319
		Max		A	202		203	243		277		302	322	313	381	415	406
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400												

Air cooled screw condensing unit, standard efficiency, standard sound

› One refrigerant circuit with single screw compressor
› Compact design
› Large operation range (ambient temperature down to -18°C)
› Extensive option list (heat recovery option available)

Cooling only				ERAD-E-SS	120	140	170	200	220	250	310	370	440	490
Cooling capacity	Nom.			kW	121	144	165	196	219	251	309	370	435	488
Power input	Cooling	Nom.		kW	42.1	51.2	57.7	65.6	74.2	77.0	93.8	123	148	161
Capacity control	Method				Stepless									
	Minimum capacity			%	25.0									
EER					2.88	2.82	2.86	2.99	2.95	3.27	3.30	3.02	2.95	3.02
Dimensions	Unit	Height		mm	2,273						2,223			
		Width		mm	1,292						2,236			
		Depth		mm	2,165		3,065		3,965		3,070			
Weight	Unit			kg	1,584		1,741		1,936		2,679			
	Operation weight			kg	1,617		1,781		1,981		2,756			
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler									
Compressor	Type				Single screw compressor									
	Quantity				1									
Fan	Type				Direct propeller									
	Air flow rate	Nom.		l/s	10,924	10,576	16,386	15,865	21,848	21,153	32,772		31,729	
	Quantity				2		3		4		6			
	Speed	Cooling	Nom.	rpm	900									
Sound power level	Cooling	Nom.		dBA	92				93	94		95		
Sound pressure level	Cooling	Nom.		dBA	74					75				76
Operation range	Saturated suction temp.			°C	-9~12									
	Condenser inlet temp.			°C	-18~48									
Refrigerant	Type / GWP				R-134a / 1,430									
	Circuits	Quantity			1									
Piping connections	Evaporator water inlet/outlet (OD)				76mm							139.7mm		
Unit	Maximum starting current			A	151		195		288		330	410		
	Nominal running current (RLA)	Cooling		A	72	88	98	110	125	129	158	204	244	266
	Maximum running current			A	86	103	119	132	157	164	198	242	284	298
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400									

Air cooled screw condensing unit, standard efficiency, low sound

ERAD-E-SS/SL

MicroTech III

Cooling only				ERAD-E-SL	120	140	160	190	210	240	300	350	410	460
Cooling capacity	Nom.			kW	116	137	159	187	209	243	298	352	409	462
Power input	Cooling	Nom.		kW	42.4	52.5	57.7	66.3	73.9	78.1	91.9	122	150	167
Capacity control	Method				Stepless									
	Minimum capacity			%	25.0									
EER					2.74	2.61	2.75	2.83		3.11	3.24	2.88	2.73	2.76
Dimensions	Unit	Height		mm	2,273						2,223			
		Width		mm	1,292						2,236			
		Depth		mm	2,165		3,065		3,965		3,070			
Weight	Unit			kg	1,684		1,841		2,036		2,789			
	Operation weight			kg	1,717		1,881		2,081		2,886			
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler									
Compressor	Type				Single screw compressor									
	Quantity				1									
Fan	Type				Direct propeller									
	Air flow rate	Nom.		l/s	8,373	8,144	12,560	12,216	16,747	16,288	25,120		24,432	
	Quantity				2		3		4		6			
	Speed	Cooling	Nom.	rpm	700									
Sound power level	Cooling	Nom.		dBA	89		90		91	92				93
Sound pressure level	Cooling	Nom.		dBA	71					73				74
Operation range	Saturated suction temp			°C	-9~12									
	Condenser inlet temp			°C	-18~48									
Refrigerant	Type / GWP				R-134a / 1,430									
	Circuits	Quantity			1									
Piping connections	Evaporator water inlet/outlet (OD)				76mm							139.7mm		
Unit	Maximum starting current			A	151		195		288		330	410		
	Nominal running current (RLA)	Cooling		A	73	90	98	112	125	131	155	204	249	275
	Maximum running current			A	83	100	115	128	151	158	189	234	276	290
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400									

Water cooled screw chiller, standard efficiency, standard sound

› All models are PED pressure vessel approved
› 1 or 2 stepless single-screw compressors
› One or two truly independent refrigerant circuits for outstanding reliability
› Shell and tube heat exchanger
› Optimised for use with **R-410A**
› Standard electronic expansion valve
› Compact design
› Partial heat recovery available
› MicroTech III controller with superior control logic and easy interface

Cooling only				**EWWQ-B-SS**	**380**	**460**	**560**	**640**	**730**	**800**	**860**	**870**	**960**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**	**C17**	**C19**	**C20**
Cooling capacity	Nom.			kW	379	462	560	635	724	793	859	868	956	1,003	1,050	1,181	1,251	1,320	1,452	1,595	1,754	1,896	2,055
Power input	Cooling	Nom.		kW	89.2	109	133	150	170	179	207	199	218	247	243	268	285	303	337	373	407	441	477
Capacity control	Method				Stepless																		
	Minimum capacity			%	12.5					25.0	12.5	25.0		12.5	25.0								
EER					4.24		4.21	4.22	4.25	4.42	4.15	4.36	4.38	4.07	4.32	4.41	4.38	4.35	4.31	4.28	4.31	4.30	4.31
ESEER					4.64	4.69	4.70		4.46	5.08	4.35	5.07	5.03	4.28	5.04	5.05	5.06	5.00	4.66	4.76	4.61	4.63	4.54
IPLV					5.57	5.62		5.63	5.32	5.58	5.15	5.75	5.92	5.08	5.90	5.93		5.85	5.46	5.44	5.34	5.38	5.32
Dimensions	Unit	Height		mm	1,849		2,001		1,848	2,158	1,848	2,158		1,851	2,378	2,455			2,495				
		Width		mm	1,140		1,276		1,314	1,350	1,327	1,350		1,314	1,350								
		Depth		mm	3,373		3,454		3,535	5,020	3,535	5,020		3,535	4,894	5,070			4,892			4,865	
Weight	Unit			kg	1,933	1,967	2,283	2,332	2,407	3,921	2,427	3,949	3,988	2,457	4,344	4,529	4,536	4,607	4,988	4,999	5,053	5,204	5,289
	Operation weight			kg	2,135	2,169	2,543	2,628	2,777	4,422	2,795	4,463	4,496	2,812	4,780	5,186	5,200	5,280	5,602	5,615	5,670	5,881	5,970
Water heat exchanger - evaporator	Type				Single pass shell and tube																		
	Water volume			l	124	118	176	170	274	344	266	344	325	251	325	538			505		495	539	527
	Water flow rate	Nom.		l/s	18.1	22.1	26.8	30.4	34.7	38.0	41.1	41.6	45.8	48.0	50.3	56.5	59.9	63.2	69.5	76.5	84.1	91.0	98.7
	Water pressure drop	Cooling	Nom.	kPa	48	63	44	47	54	53	49	62	58	56	69	45	49	54	59	69	88	97	120
Water heat exchanger - condenser	Type				Single pass shell and tube																		
	Water flow rate	Nom.		l/s	22.4	27.4	33.2	37.7	43.1	23.3	51.3	23.3	28.2	60.1	28.2	34.7	34.8	38.9	43.0	43.4	52.0	52.3	60.9
	Water flow rate 2	Nom.		l/s	-					23.3	-	27.9	28.2	-	33.8	34.7	38.9		43.0	51.3	52.0	60.1	60.9
	Water pressure drop	Cooling	Nom.	kPa	59	63	67	65	16	64	20	64	67	26	67	73		69	16		17		15
	Water pressure drop 2	Cooling	Nom.	kPa	-					64	-	66	67	-	69	73	69		16	19	17	14	15
Compressor	Type				Single screw compressor																		
	Quantity				1					2	1	2		1	2								
Sound power level	Cooling	Nom.		dBA	100	101	102			105	102	105		103	105		107		106		107		108
Sound pressure level	Cooling	Nom.		dBA	82	83	84		83	84	85			86	87				86	87		88	
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-4~10																		
	Condenser	Cooling	Min.~Max.	°CDB	25~45																		
Refrigerant	Type / GWP				R-410A / 2,087.5																		
	Circuits	Quantity			1					2	1	2		1	2								
Refrigerant charge	Per circuit			kg	120.0	100.0	175.0	90.0	80.0	85.0	90.0	45.0	85.0	100.0	160.0	100.0	150.0		130.0		150.0	160.0	130.0
				TCO_2eq	250.5	208.8	365.3	187.9	167.0	177.4	187.9	93.9	177.4	208.8	334.0	208.8	313.1		271.4		313.1	334.0	271.4
Piping connections	Evaporator water inlet/outlet			mm	152.4		203.2								254								
	Condenser water inlet/outlet			inch	5		6		5						6				5				
Unit	Maximum starting current			A	455				656	599	656	626		656	663		690		902	954		988	
	Nominal running current (RLA)	Cooling		A	149	175	211	237	269	299	329	325	352	391	387	423	449	476	539	596	650	702	755
	Maximum running current			A	179	214	259	294	308	358	372	393	427	434	473	519	553	587	615	679	744	771	830
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400																		

Water cooled screw chiller, high efficiency, standard sound

EWWQ-B-SS/XS MicroTech III

Cooling only				EWWQ-B-XS	420	520	640	730	800	970	C10	C11	C12	C13	C14	C15	C16	C17	C19	C20	C21
Cooling capacity	Nom.			kW	420	513	636	722	798	969	1,033	1,111	1,153	1,265	1,363	1,442	1,580	1,740	1,870	2,025	2,156
Power input	Cooling	Nom.		kW	88.7	107	131	149	166	201	213	239	238	262	281	299	324	361	397	436	474
Capacity control	Method				Stepless																
	Minimum capacity			%	12.5						25.0	12.5	25.0								
EER					4.74	4.79	4.84	4.83	4.81		4.86	4.64	4.85	4.83	4.85	4.83	4.88	4.81	4.71	4.64	4.55
ESEER					5.27	5.29	5.37	5.36	5.30	5.09	5.56	4.99	5.52		5.65	5.61	5.26	5.18	4.98	4.91	4.75
IPLV					6.36		6.45	6.42	6.35	6.06	6.11	5.92	6.06	6.07	6.23	6.19	5.82	5.92	6.03	5.81	5.93
Dimensions	Unit	Height		mm	2,001				2,003	2,001	2,454	2,003	2,454				2,495				
		Width		mm	1,276			1,268	1,314	1,446	1,350	1,446	1,350								
		Depth		mm	3,863			3,878		3,920	5,219	3,919	5,219				4,829			4,865	
Weight	Unit			kg	2,322	2,403	2,464	2,738	2,407	2,427	4,775	2,457	4,831	4,873	4,919	4,969	5,117		5,388	5,408	5,414
	Operation weight			kg	2,594	2,685	2,745	3,158	2,815	3,056	5,431	3,086	5,479	5,512	5,546	5,606	5,794	5,843	6,110	6,118	6,124
Water heat exchanger - evaporator	Type				Single pass shell and tube																
	Water volume			l	220	213	200	334	325	538	587	538	575	563	551		495	484	535	527	
	Water flow rate	Nom.		l/s	20.1	24.6	30.5	34.6	38.2	46.4	49.5	53.2	55.2	60.6	65.3	69.1	75.7	83.5	89.7	97.2	103.6
	Water pressure drop	Cooling	Nom.	kPa	55	68	71	64	57	53		68	64	55	67	74	69	88	90	111	124
Water heat exchanger - condenser	Type				Single pass shell and tube																
	Water flow rate	Nom.		l/s	24.4	29.8	36.8	41.8	46.3	56.2	29.9	64.7	30.2	36.7	37.2	41.8	45.7	46.2	54.4	55.1	63.1
	Water flow rate 2	Nom.		l/s	-						29.9	-	36.6	36.7	41.8		45.7	54.7	54.4	63.0	63.1
	Water pressure drop	Cooling	Nom.	kPa	50	39	42	47	59	64	40	82	36	48	49	46	44	45	60	61	78
	Water pressure drop 2	Cooling	Nom.	kPa	-						40	-	47	48	46		44	60		78	
Compressor	Type				Single screw compressor																
	Quantity				1						2	1	2								
Sound power level	Cooling	Nom.		dBA	101	102	103		102	103	105	104	106		107		106		107	108	
Sound pressure level	Cooling	Nom.		dBA	82	83	84		83	84	86	85	86	87			86	87		88	
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-4~10																
	Condenser	Cooling	Min.~Max.	°CDB	25~45																
Refrigerant	Type / GWP				R-410A / 2,087.5																
	Circuits	Quantity			1						2	1	2								
Refrigerant charge	Per circuit			kg	120.0	130.0	95.0	135.0	110.0	150.0	120.0	130.0	120.0	150.0	120.0	150.0	130.0		150.0		
				TCO_2eq	250.5	271.4	198.3	281.8	229.6	313.1	250.5	271.4	250.5	313.1	250.5	313.1	271.4		313.1		
Piping connections	Evaporator water inlet/outlet			mm	152.4			203.2		254	203.2	254	203.2				254				
	Condenser water inlet/outlet			inch	8			6			5	6	5		6		8				
Unit	Maximum starting current			A	455				656		626	656	663		690		902	954		988	998
	Nominal running current (RLA)	Cooling		A	149	173	208	235	258	313	346	370	381	417	443	469	511	567	621	678	734
	Maximum running current			A	179	214	259	294	308	372	427	434	473	519	553	587	615	679	744	771	830
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400																

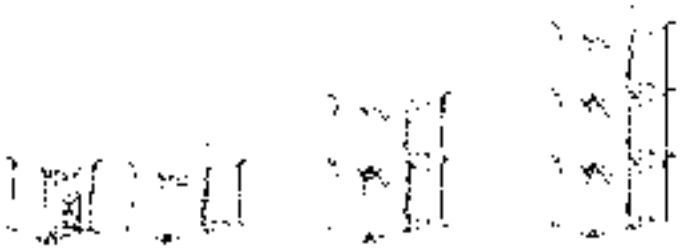
Water cooled scroll heat pump

- One of the most **compact units** on the market: 600mm x 600mm x 600mm
- Low energy consumption
- Low operating sound level
- Low refrigerant volume
- Stainless steel plate heat exchanger
- Extension possible to 195kW
- Easy installation and maintenance
- Remote cooling or heating selection
- Water/water heat pump, with water reversibility
- Compatible with hydraulic module EHMC (see next page)
- Advanced µC²SE controller for direct connection to a Modbus based BMS or to a remote user interface
- Standard integrated: main switch, water filter, flow switch, air purge, pressure ports

EWWP-KBW1N µC²SE

Heating only & Cooling only				EWWP-KBW1N	014	022	028	035	045	055	065	090	100	110	120	130	145	155	165	175	185	195
Cooling capacity	Nom.			kW	12.9	21.4	27.8	32.3	42.8	55.7	64.7	85.7	98.6	112.0	121.0	130.0	141.0	154.0	167.0	176.0	185.0	194.0
Heating capacity	Nom.			kW	16.7	27.5	35.6	41.5	55.0	71.7	83.0	110.0	127.0	143.0	155.0	166.0	182.0	198.0	215.0	226.0	237.0	249.0
Power input	Cooling	Nom.		kW	3.8	6.1	7.8	9.1	12.2	16.0	18.2	24.2	28.0	31.9	34.0	36.2	40.2	43.9	47.7	49.8	52.0	54.1
	Heating	Nom.		kW	3.8	6.1	7.8	9.1	12.2	16.0	18.2	24.2	28.0	31.9	34.0	36.2	40.2	43.9	47.7	49.8	52.0	54.1
EER					3.44	3.49	3.54		3.51	3.48	3.55	3.54	3.52	3.51	3.56	3.59	3.51		3.50	3.53	3.56	3.59
COP					4.45	4.49	4.54	4.55	4.51	4.48	4.56	4.55	4.54	4.48	4.56	4.59	4.53	4.51		4.54	4.56	4.60
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	107	106	115	116	102	109	113	-										
			SCOP		2.88	2.86	3.08	3.11	2.75	2.91	3.03	-										
			Seasonal space heating eff. class		A+							-										
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	132	134	138	143	136	139	142	-										
			SCOP		3.49	3.55	3.66	3.78	3.59	3.66	3.74	-										
			Seasonal space heating eff. class		A+							-										
Dimensions	Unit	Height		mm	600							1,200					1,800					
		Width		mm	600																	
		Depth		mm	600				1,200													
Weight	Unit			kg	118	155	165	172	300	320	334	600	620	640	654	668	920	940	960	974	988	1,000
Water heat exchanger - evaporator	Type				Brazed plate																	
	Minimum water volume in the system			l	62	103	134	155	205	268	311	205	268		311		205		268			311
	Water flow rate	Min.		l/min	31.0	53.0	65.0	76.0	101	131	152	202	232	262	283	304	333	363	393	414	435	456
		Nom.		l/min	37.0	61.0	80.0	93.0	123	160	185	246	283	321	347	373	404	441	479	505	530	556
		Max.		l/min	74.0	123	159	185	245	319	371	491	565	642	694	745	808	883	957	1,010	1,060	1,110
Water heat exchanger - condenser	Type				Brazed plate																	
	Water flow rate	Min.		l/min	24	39	51	59	79	100	120	160	180	210	220	240	260	280	310	320	340	360
		Nom.		l/min	48	78	100	120	160	210	240	310	360	410	440	470	520	570	610	650	680	710
		Max.		l/min	95	160	200	240	310	410	470	630	720	820	880	950	1,000	1,100	1,200	1,300	1,400	
Compressor	Type				Hermetically sealed scroll compressor																	
	Quantity				1				2			4	2	4	2	4			6	4		6
Compressor 2	Quantity				-								2	-	2	-	2		-	2		-
Sound power level	Cooling	Nom.		dBA	64.0			71.0	67.0		74.0	71.0			75.0	77.0	73.0			76.0	78.0	79.0
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-10~20																	
	Condenser	Cooling	Min.~Max.	°CDB	20~55																	
Refrigerant	Type / GWP				R-407C / 1,773.9																	
	Control				Thermostatic expansion valve																	
	Circuits	Quantity			1				2			4					6					
Refrigerant charge	Per circuit			kg	1.20	2.00	2.50	3.10	4.60		5.60	9.20			10.2	11.2	13.8			14.8	15.8	16.8
				TCO_2eq	2.13	3.55	4.43	5.50	8.16		9.93	16.3			18.1	19.9	24.5			26.3	28.0	29.8
Piping connections	Evaporator water inlet/outlet (OD)				FBSP 25mm				FBSP 40mm			2 x 2 x FBSP 38mm					3 x 2 x FBSP 38mm					
	Evaporator water drain				Field installation																	
	Condenser water inlet/outlet (OD)				FBSP 25mm				FBSP 40mm			2 x 2 x FBSP 38mm					3 x 2 x FBSP 38mm					
Unit	Starting current	Max		A	-							121	155	163	185	189	183	191	199	221	225	229
	Running current	Cooling	Nom.	A	66.0	104	131	15.0	208	262	30.0	416	47.0	524	562	60.0	678	732	786	824	862	90.0
		Max		A	9.00	145	185	22.0	28.0	36.0	40.0	56.0	64.0	72.0	76.0	80.0	92.0	100	108	112	116	120
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400																	

Water cooled scroll chiller



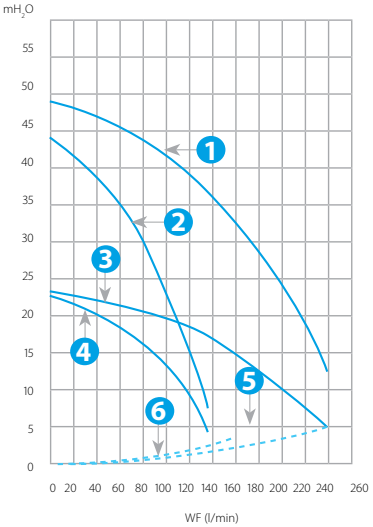
Combination table

Selection table		1 Module (KB-series)							2 Modules (KB-series)					3 Modules (KB-series)					
Capacity index		**014**	**022**	**028**	**035**	**045**	**055**	**065**	**090**	**100**	**110**	**120**	**130**	**145**	**155**	**165**	**175**	**185**	**195**
Cooling capacity (kW)		**12.9**	**21.4**	**27.8**	**32.3**	**42.8**	**55.7**	**64.7**	**85.7**	**98.6**	**112**	**121**	**130**	**141**	**154**	**167**	**176**	**185**	**194**
Heating capacity (kW)		**16.7**	**27.5**	**35.6**	**41.5**	**55.0**	**71.7**	**83.0**	**110**	**127**	**143**	**155**	**166**	**182**	**198**	**215**	**226**	**237**	**249**
Unit + Control (Factory mounted)	EWWP014KBW1N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EWWP022KBW1N	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EWWP028KBW1N	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EWWP035KBW1N	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EWWP045KBW1N	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	EWWP055KBW1N	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	EWWP065KBW1N	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Modular units (Controller available as accessory)	EWWP045KAW1M	-	-	-	-	-	-	-	2	1	-	-	-	2	1	-	-	-	-
	EWWP055KAW1M	-	-	-	-	-	-	-	-	1	2	1	-	1	2	3	2	1	-
	EWWP065KAW1M	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	1	2	3
Control (Kit)	ECB2MUAW	-	-	-	-	-	-	-	1	1	1	1	1	-	-	-	-	-	-
	ECB3MUAW	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1

For example: for a 121 kW HP system, select : EWWP055KBW1N + EWWP065KBW1N

Hydraulic Module

- Accessory for EWWP-KBW1N chillers
- 3 models available
- 100 l tank for all sizes
- Freeze up protection
- High static pump (option)
- Standard drain kit (for indoor use)
- Standard dual pressure ports (before & behind the pump)



Legends

Pump characteristics

1. EHMC30AV1080
2. EHMC10AV1080 & EHMC15AV1080
3. EHMC30AV1010
4. EHMC10AV1010 & EHMC15AV1010

Hydraulic module + filter pressures losses

5. EHMC15/30AV1010 & EHMC15/30AV1080
6. EHMC10AV1010 & EHMC10AV1080

EHMC-AV

EHMC-AV			10		15		30	
			1010	1080	1010	1080	1010	1080
Nominal flow		l/min	62		88		187	
Nominal ESP		mH_2O	17	34	15	27	10	27
Nominal input		W	630	1,050	650	1,070	1,070	2,090
Dimensions (HxWxD)		mm	1,284x635x688		1,284x635x688		1,284x635x688	
Machine weight		kg	99	101	102	104	105	111
Sound power		dBA	63		63		63	
Sound pressure		dBA	52		52		52	
Power supply		V1	1~/230V/50Hz					
Operation range	Water side	°C	-10°C ~ 55°C					
	Air side	°CDB	-10°C ~ 43°C					
Piping connections	Water inlet/outlet		1" BSPF		2" BSPF		2-1/2" BSPF	
	Drain connection		1/2"					

Water cooled multi-scroll heat pump reversing on refrigerant side, standard efficiency, standard sound

- Single refrigerant circuit (2 scroll compressors) with single evaporator
- Heat pump version with reversibility on refrigerant side available, ideal for geothermal applications
- Compact design to allow easy indoor installation or retrofit operations
- Conceived for stacked installation of two single circuit units to reduce the footprint
- High efficiency and reliable scroll compressor
- High flexibility for a wide variety of applications
- Allows sequencing control (up to 4 units) without any external device
- Stainless steel plate heat exchanger
- Pump (low 100 kPa and high 200 kPa lift) available for evaporator and condenser

EWHQ-G-SS

Heating & Cooling				EWHQ-G-SS	100	120	130	150	160	190	210	240	270	340	400
Cooling capacity	Nom.			kW	87.3	100.0	111	127	141	160	181	208	232	291	352
Heating capacity	Nom.			kW	112	128	144	162	179	205	233	266	299	375	454
Power input	Cooling	Nom.		kW	22.4	25.3	28.5	32.0	35.6	41.1	46.0	53.3	59.1	73.7	88.4
	Heating	Nom.		kW	27.0	30.9	35.2	39.3	43.6	50.4	56.6	64.7	72.2	90.3	109
Capacity control	Method				Step										
	Minimum capacity			%	50.0	43.0	50.0	44.0	50.0	45.0	50.0	43.0	50.0	40.0	50.0
EER					3.90	3.95	3.91	3.96	3.95	3.90	3.93	3.90	3.92	3.95	3.98
ESEER					4.70	4.84	4.65	4.86	4.80	4.89	4.86	4.83	4.79	4.90	4.83
COP					4.15	4.16	4.09	4.12	4.11	4.07	4.11	4.10	4.14	4.16	4.18
IPLV					6.02	6.14	5.66	5.84	5.73	5.84	5.81	5.87	5.71	5.86	5.79
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	160		163	167	166			172	171	163	-
			SCOP		4.08		4.14	4.24	4.23		4.22	4.37	4.35	4.16	-
Dimensions	Unit	Height		mm	1,066									1,186	
		Width		mm	928										
		Depth		mm	2,432			2,264				2,432			
Weight	Unit			kg	519	608	728	770	808	838	880	930	941	1,090	1,203
	Operation weight			kg	558	654	782	830	873	908	995	1,019	1,031	1,202	1,334
Water heat exchanger - evaporator	Type				Plate heat exchanger										
	Water volume			l	6	8		10	12	13	15	17		27	34
	Water flow rate	Cooling	Nom.	l/s	4.2	4.8	5.3	6.1	6.7	7.7	8.7	10.0	11.1	13.9	16.9
		Heating	Nom.	l/s	4.1	4.7	5.2	5.9	6.5	7.4	8.5	9.6	10.9	13.7	16.6
	Water pressure drop	Cooling	Nom.	kPa	44		35	30	29	31	33	31	38	42	43
		Heating	Nom.	kPa	42		33	28	27	29	32	29	37	41	42
Water heat exchanger - condenser	Type				Plate heat exchanger										
	Water volume			l	6	8		10	12	13	15	17		27	34
	Water flow rate	Cooling	Nom.	l/s	5.2	6.0	6.7	7.7	8.5	9.7	10.9	13.7	13.9	17.4	21.1
		Heating	Nom.	l/s	5.4	6.2	7.0	7.8	8.7	9.9	11.2	12.5	14.3	18.0	21.8
	Water pressure drop	Cooling	Nom.	kPa	69		55	49	48	51	54	32	39	66	69
		Heating	Nom.	kPa	73		59	51	50	53	57	33	42	70	73
Compressor	Type				Scroll compressor										
	Quantity				2										
Sound power level	Cooling	Nom.		dBA	80	83	85	87	88			90	92	93	
Sound pressure level	Cooling	Nom.		dBA	64	67	69	70	72			74	76		77
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-8~15										
	Condenser	Cooling	Min.~Max.	°CDB	25~55										
Refrigerant	Type / GWP				R-410A / 2,087.5										
	Circuits	Quantity			1										
Refrigerant charge	Per circuit			kg	9.0		10.0		13.0	11.0	13.0	15.0		19.0	
				TCO_2eq	18.8		20.9		27.1	23.0	27.1	31.3		39.7	
Piping connections	Evaporator water inlet/outlet (OD)				1" 1/2		2" 1/2							3"	
	Condenser water inlet/outlet (OD)				1" 1/2		2" 1/2							3"	
Unit	Starting current	Max		A	204	255	261	308	316	354	368	466	481	640	677
	Running current	Cooling	Nom.	A	43	46	50	56	63	71	78	88	97	123	148
		Max		A	59	66	72	80	88	102	116	131	145	183	221
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400										

Water cooled multi-scroll chiller, standard efficiency, standard sound

- Single refrigerant circuit (2 scroll compressors) with single evaporator
- Heat pump version available
- Compact design to allow easy indoor installation or retrofit operations
- Conceived for stacked installation of two single circuit units to reduce the footprint
- High efficiency and reliable scroll compressor
- High flexibility for a wide variety of applications
- Allows sequencing control (up to 4 units) without any external device
- Stainless steel plate heat exchanger
- Pump (low 100 kPa and high 200 kPa lift) available for evaporator and condenser

EWWQ-G-SS

Heating only & Cooling only				EWWQ-G-SS	090	100	120	130	150	170	190	210	240	300	360
Cooling capacity	Nom.			kW	93.7	106	119	136	150	172	194	221	246	314	370
Heating capacity	Nom.			kW	118	133	150	169	187	215	244	276	310.00	396	468
Power input	Cooling	Nom.		kW	21.3	24.0	26.9	30.5	33.9	38.9	43.8	50.7	56.1	70.2	84.0
	Heating	Nom.		kW	25.7	29.2	32.9	37.2	41.4	47.6	53.7	61.3	68.3	85.6	103
Capacity control	Method				Step										
	Minimum capacity			%	50.0	43.0	50.0	44.0	50.0	45.0	50.0	43.0	50.0	40.0	50.0
EER					4.40		4.42	4.46		4.42		4.35	4.39	4.48	4.41
ESEER					5.51	5.52	5.51	5.53	5.51	5.53			5.52		
COP					4.58	4.56	4.55		4.53	4.52	4.54	4.50	4.54	4.62	4.56
IPLV					6.71	6.79	6.22	6.36	6.22	6.32	6.30	6.31	6.10	6.28	6.16
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	168		170		173		172	169	167	171	-
			SCOP		4.28		4.33	4.40	4.39	4.40	4.38	4.29	4.25	4.34	-
Dimensions	Unit	Height		mm	1,066									1,186	
		Width		mm	928										
		Depth		mm	2,432			2,264				2,432			
Weight	Unit			kg	516	606	728	762	795	832	871	921	934	1,083	1,181
	Operation weight			kg	555	652	782	821	859	901	946	1,010	1,023	1,195	1,311
Water heat exchanger - evaporator	Type				Plate heat exchanger										
	Water volume			l	6	8		10	12	13	15	17		27	34
	Water flow rate	Cooling	Nom.	l/s	4.5	5.1	5.7	6.5	7.2	8.2	9.3	10.6	11.8	15.1	17.7
		Heating	Nom.	l/s	4.4	5.0	5.6	6.3	7.0	8.0	9.1	10.3	11.6	14.9	17.5
	Water pressure drop	Cooling	Nom.	kPa	49		39	33		35	37	34	42	47	
		Heating	Nom.	kPa	47		38	31		33	35	32	41	46	
Water heat exchanger - condenser	Type				Plate heat exchanger										
	Water volume			l	6	8		10	12	13	15	17		27	34
	Water flow rate	Cooling	Nom.	l/s	5.5	6.2	7.1	8.0	8.9	10.2	11.4	13.0	14.5	18.5	21.8
		Heating	Nom.	l/s	5.7	6.4	7.3	8.2	9.1	10.4	11.8	13.3	15.0	19.1	22.6
	Water pressure drop	Cooling	Nom.	kPa	72	73	60	50		52	56	46	57	69	71
		Heating	Nom.	kPa	76	77	63	52		54	59	48	61	74	76
Compressor	Type				Scroll compressor										
	Quantity				2										
Sound power level	Cooling	Nom.		dBA	80	83	85	87	88			90	92	93	
Sound pressure level	Cooling	Nom.		dBA	64	67	69	70	72			74	76		77
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-10~15										
	Condenser	Cooling	Min.~Max.	°CDB	25~55										
Refrigerant	Type / GWP				R-410A / 2,087.5										
	Circuits	Quantity			1										
Refrigerant charge	Per circuit			kg	10.0		11.0		12.0		15.0	16.0	17.0	19.0	20.0
				TCO_2eq	20.9		23.0		25.1		31.3	33.4	35.5	39.7	41.8
Piping connections	Evaporator water inlet/outlet (OD)				1" 1/2		2" 1/2							3"	
	Condenser water inlet/outlet (OD)				1" 1/2		2" 1/2							3"	
Unit	Starting current	Max		A	204	255	261	308	316	354	368	466	481	640	677
	Running current	Cooling	Nom.	A	42	45	48	54	61	68	76	86	95	118	143
		Max		A	59	66	72	80	88	102	116	131	145	183	221
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400										

Water cooled multi-scroll chiller, standard efficiency, standard sound

- Dual refrigerant circuit (4 scroll compressors) with single evaporator
- Heat pump version available
- Compact design to allow easy indoor installation or retrofit operations
- High efficiency and reliable scroll compressor
- Stainless steel plate heat exchanger
- High flexibility for a wide variety of applications
- Allows sequencing control (up to 4 units) without any external device
- Pump (low 100 kPa and high 200 kPa lift) available for evaporator and condenser

EWWQ-L-SS

Heating only & Cooling only				EWWQ-L-SS	180	205	230	260	290	330	380	430	480	540	600	660	720
Cooling capacity	Nom.			kW	187	215	244	273	303	345	387	430	476	549	611	663	721
Heating capacity	Nom.			kW	234	269	305	339	377	430	486	537	601	692	773	843	917
Power input	Cooling	Nom.		kW	41.7	47.3	53.1	60.2	67.1	77.1	87.0	97.9	110	124	140	154	167
	Heating	Nom.		kW	50.5	57.5	65.0	73.6	82.0	94.4	107	118	133	150	171	188	204
Capacity control	Method				Step												
	Minimum capacity			%	25.0	21.0	25.0	22.0	25.0	23.0	25.0	21.0	25.0	22.0	20.0	18.0	25.0
EER					4.49	4.55	4.60	4.53	4.52	4.47	4.45	4.39	4.34	4.44	4.37	4.31	4.32
ESEER					5.54		5.52	5.53	5.54	5.53	5.54	5.52	5.51	5.55	5.51		5.52
COP					4.64	4.67	4.68	4.60		4.56	4.55	4.54	4.51	4.60	4.53	4.48	4.49
IPLV					6.77	6.84	6.35	6.38	6.31	6.32	6.36	6.37	6.16	6.29	6.23	6.20	6.18
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	177	176	178	176	177	-							
			SCOP		4.08		4.14	4.24	4.23	-							
Dimensions	Unit	Height		mm	1,970									2,090	2,210		
		Width		mm	928												
		Depth		mm	2,801												
Weight	Unit			kg	877	1,062	1,285	1,347	1,439	1,498	1,559	1,673	1,722	1,842	1,926	2,105	2,229
	Operation weight			kg	957	1,156	1,401	1,469	1,575	1,641	1,723	1,851	1,918	2,044	2,145	2,346	2,405
Water heat exchanger - evaporator	Type				Plate heat exchanger												
	Water volume			l	35	41	53		65		76	92			115		
	Water flow rate	Cooling	Nom.	l/s	9.0	10.3	11.7	13.0	14.5	16.5	18.5	20.6	22.8	26.3	29.3	31.8	34.6
		Heating	Nom.	l/s	8.8	10.1	11.5	12.7	14.1	16.1	18.2	20.1	22.4	26.0	28.9	31.4	34.2
	Water pressure drop	Cooling	Nom.	kPa	28		23	28	25	32		33	40	51	50	59	69
		Heating	Nom.	kPa	27		22	27	24	31			39	50	48	58	68
Water heat exchanger - condenser	Type				Plate heat exchanger												
	Water volume			l	19	22	29		35		41	49			62		
	Water flow rate	Cooling	Nom.	l/s	5.5	6.3	7.2	8.1	9.0	10.2	11.4	12.7	14.0	14.5	18.0	17.9	21.3
		Heating	Nom.	l/s	11.3	13.0	14.8	16.5	18.3	20.9	23.5	25.9	28.9	33.4	37.2	40.5	44.2
	Water flow rate 2	Cooling	Nom.	l/s	5.5	6.3	7.2	8.1	9.0	10.2	11.4	12.7	14.0	17.8	18.0	21.3	
	Water pressure drop	Cooling	Nom.	kPa	72	73	61	49	50	51	55	46	57	43	67		68
		Heating	Nom.	kPa	76	77	64	52		53	59	48	60	70	72	73	
	Water pressure drop 2	Cooling	Nom.	kPa	72	73	61	49	50	51	55	46	57	66	67	68	
Compressor	Type				Scroll compressor												
	Quantity				4												
Sound power level	Cooling	Nom.		dBA	83	86	88	90	91			93	95		96		
Sound pressure level	Cooling	Nom.		dBA	65	68	70	72	74		73	76	77		78		
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-10~15												
	Condenser	Cooling	Min.~Max.	°CDB	25~55												
Refrigerant	Type / GWP				R-410A / 2,087.5												
	Circuits	Quantity			2												
Refrigerant charge	Per circuit			kg	10.0		11.0		12.0		15.0	16.0	17.0		19.0	20.0	
				TCO_2eq	20.9		23.0		25.1		31.3	33.4	35.5		39.7	41.8	
Piping connections	Evaporator water inlet/outlet (OD)				3"												
	Condenser water inlet/outlet (OD)				1" 1/2		2" 1/2							3"			
Unit	Starting current	Max		A	263	320	333	388	403	456	484	597	626	785	822	860	898
	Running current	Cooling	Nom.	A	83	89	96	109	121	137	151	171	189	210	236	260	284
		Max		A	118	131	144	160	175	205	232	262	290	328	366	403	441
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400												

Water cooled screw chiller, standard efficiency, standard sound

- Compact design to allow easy indoor installation or retrofit operations
- Daikin semi-hermetic single screw stepless compressor
- High energy efficiency both at full and part load conditions
- Chilled water temperatures down to -10°C on standard unit
- Optimised for use with R-134a
- MicroTech III controller with superior control logic and easy interface

EWWD-J-SS

MicroTech III

Heating only & Cooling only				EWWD-J-SS	120	140	150	180	210	250	280	310	330	360	380	400	450	500	530	560
Cooling capacity	Nom.			kW	120	146	154	177	207	255	284	309	333	356	385	415	463	512	540	568
Heating capacity	Nom.			kW	148	180	194	223	258	315	354	388	417	446	486	515	573	631	669	709
Power input	Cooling	Nom.		kW	28.0	34.0	39.5	45.3	50.4	59.9	70.0	78.8	84.6	90.3	101		110	120	130	140
	Heating	Nom.		kW	28.0	34.0	39.5	45.3	50.4	59.9	70.0	78.8	84.6	90.3	101		110	120	130	140
Capacity control	Method				Stepless															
	Minimum capacity			%	25.0							12.5								
EER					4.28	4.29	3.90	3.91	4.11	4.26	4.06	3.92	3.94		3.82	4.12	4.20	4.28	4.16	4.05
ESEER					4.51	4.20			4.28	4.68	4.01	4.32	4.35	4.50	4.31	4.65	4.74	4.83	4.73	4.33
COP					5.28	5.29	4.90	4.91	5.11	5.26	5.06	4.92	4.94		4.82	5.12	5.20	5.28	5.16	5.05
IPLV					5.18	5.06		5.05	5.16	5.70	4.88	5.06	5.13	5.29	5.03	5.48	5.59	5.71	5.55	5.09
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	173	171	163		167	175	165	159	-							
			SCOP		4.40	4.34	4.14	4.15	4.24	4.46	4.21	4.04	-							
Dimensions	Unit	Height		mm	1,020							2,000								
		Width		mm	913															
		Depth		mm	2,684															
Weight	Unit			kg	1,177	1,233	1,334	1,366	1,416	1,600	1,607	2,668	2,700	2,732	2,782	2,832	3,016	3,200	3,207	3,215
	Operation weight			kg	1,211	1,276	1,378	1,415	1,473	1,663	1,675	2,755	2,792	2,830	2,888	2,946	3,136	3,327	3,338	3,350
Water heat exchanger - evaporator	Type				Plate heat exchanger															
	Water volume			l	14	18	14	17	20	26		29	31	33	37	41	46	52		
	Water flow rate	Nom.		l/s	5.7	7.0	7.4	8.5	9.9	12.2	13.6	14.8	15.9	17.0	18.4	19.8	22.1	24.5	25.8	27.2
	Water pressure drop	Cooling	Nom.	kPa	15	14	43	40	35	28	34	43	40		37	35	31	28	31	34
		Heating	Nom.	kPa	15	14	43	40	35	28	34	43	40		37	35	31	28	31	34
Water heat exchanger - condenser	Type				Single pass shell and tube															
	Water volume			l	20		23	25	29		32	45	48	51	54	57		61	64	
	Water flow rate	Nom.		l/s	7.1	8.6	9.3	10.7	12.4	15.2	17.0	9.3		10.7	11.0	12.4		15.2	15.3	17.0
	Water flow rate 2	Cooling	Nom.	l/s	-							9.3	10.7		12.4		15.2		16.9	17.0
	Water pressure drop	Cooling	Nom.	kPa	19	12			11	16	26	12				11		16		26
		Heating	Nom.	kPa	19	12			11	16	26	12				11	16		26	
	Water pressure drop 2	Cooling	Nom.	kPa	-							12			11		16		26	
Compressor	Type				Single screw compressor															
	Quantity				1							2								
Sound power level	Cooling	Nom.		dBA	89							94								
Sound pressure level	Cooling	Nom.		dBA	79							82								
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-10~15															
	Condenser	Cooling	Min.~Max.	°CDB	23~60															
Refrigerant	Type / GWP				R-134a / 1,430															
	Circuits	Quantity			1							2								
Refrigerant charge	Per circuit			kg	18.0	35.0	34.0	37.0		38.0		33.0	33.5	34.0	35.0	36.0	37.0	38.0		
				TCO_2eq	25.7	50.1	48.6	52.9		54.3		47.2	47.9	48.6	50.1	51.5	52.9	54.3		
Piping connections	Evaporator water inlet/outlet			mm	76.2															
	Condenser water inlet/outlet (OD)				2" 1/2	4"														
Unit	Starting current	Max		A	151		195			288		281	293		310		403	422	440	
	Running current	Cooling	Nom.	A	48	57	67	74	83	97	109	134	141	149	157	165	180	195	206	218
		Max		A	76	97	107	122	143	167	189	215	230	245	265	286	311	335	357	378
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400															

Water cooled screw chiller, high efficiency, standard sound

- High energy efficient units: **full range Eurovent Class A**
- **Heat pump version** available
- **Flooded type heat exchangers**
- MicroTech III controller with superior control logic and easy interface

EWWD-H-XS MicroTech III

Heating only & Cooling only				EWWD-H-XS	370	450	530	610	750	830	930	980	C10	C11	C12
Cooling capacity	Nom.			kW	368	444	520	606	745	825	930	975	1,047	1,130	1,212
Heating capacity	Nom.			kW	432	520	608	709	873	965	1,083	1,141	1,224	1,321	1,416
Power input	Cooling	Nom.		kW	65.2	77.8	89.8	104	130	143	156	168	179	193	207
	Heating	Nom.		kW	64.0	76.7	88.4	103	128	140	154	166	177	191	204
Capacity control	Method				Stepless										
	Minimum capacity			%	25.0				12.5						
EER					5.64	5.70	5.78	5.81	5.74	5.79	5.95	5.80	5.84		5.85
ESEER					5.80	5.82	5.90	5.91	6.44	6.51	6.59	6.63	6.66	6.69	6.68
COP					6.75	6.79	6.88	6.89	6.84	6.87	7.06	6.89	6.93		6.94
IPLV					6.93	6.99	7.09	7.10	7.73	7.81	7.89	7.96	8.00	8.02	
Dimensions	Unit	Height		mm	2,121			2,048					2,161		
		Width		mm	1,353			1,384	1,689				1,711		
		Depth		mm	3,341		3,419	3,417	3,609				3,509		
Weight	Unit			kg	3,089	3,370	3,603	3,781	5,289	5,375	5,654	5,707	6,066	6,105	6,156
	Operation weight			kg	3,250	3,588	3,870	4,163	5,694	5,835	6,174	6,262	6,709	6,773	6,859
Water heat exchanger - evaporator	Type				Single pass shell and tube										
	Water volume			l	78	107	134	160	172	201	261	272	295	310	327
	Water flow rate	Nom.		l/s	17.6	21.2	24.9	29.0	35.7	39.5	44.5	46.7	50.1	54.1	58.0
	Water pressure drop	Cooling	Nom.	kPa	40	33		40	47	38	35	36	33	32	
		Heating	Nom.	kPa	40	33		40	47	38	35	36	33	32	
Water heat exchanger - condenser	Type				Single pass shell and tube										
	Water flow rate	Nom.		l/s	20.8	25.1	29.3	34.2	42.1	46.5	52.2	55.0	59.0	63.7	68.3
	Water pressure drop	Cooling	Nom.	kPa	31	26	28	23	30	28	33	31	29	30	
		Heating	Nom.	kPa	31	26	28	23	30	28	33	31	29	30	
Compressor	Type				Single screw compressor										
	Quantity				1				2						
Sound power level	Cooling	Nom.		dBA	97	98	99		100	101		102		103	
Sound pressure level	Cooling	Nom.		dBA	78	79	80		81	82		83		84	
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-8~15										
	Condenser	Cooling	Min.~Max.	°CDB	18~60										
Refrigerant	Type / GWP				R-134a / 1,430										
	Circuits	Quantity			1										
Refrigerant charge	Per circuit			kg	180.0	210.0	230.0	250.0	270.0				300.0		320.0
				TCO_2eq	257.4	300.3	328.9	357.5	386.1				429.0		457.6
Piping connections	Evaporator water inlet/outlet			mm	168.3		219.1								
	Condenser water inlet/outlet			inch	6			8							
Unit	Maximum starting current			A	330			464	448	471		492		626	646
	Nominal running current (RLA)	Cooling		A	107	124	141	166	213	231	249	266	283	307	330
	Maximum running current			A	148	176	202	228	296	323	351	378	404	430	456
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400										

Water cooled screw chiller, standard efficiency, standard sound

- Stepless single-screw compressor
- 1-2 truly independent refrigerant circuits
- Standard electronic expansion valve
- DX shell and tube evaporator – one pass refrigerant side for easy oil circulation and return
- Partial and total heat recovery option available
- MicroTech III controller with superior control logic and easy interface

Heating only & Cooling only				**EWWD-G-SS**	**170**	**210**	**260**	**300**	**320**	**380**	**420**	**460**	**500**	**600**
Cooling capacity	Nom.			kW	165	200	252	279	332	370	401	446	492	554
Heating capacity	Nom.			kW	209	253	319	357	420	467	506	566	626	710
Power input	Cooling	Nom.		kW	43.8	52.6	67.4	78.5	87.5	96.4	105	119	134	157
	Heating	Nom.		kW	43.8	52.6	67.4	78.5	87.5	96.4	105	119	134	157
Capacity control	Method				Stepless									
	Minimum capacity			%	25.0				12.5					
EER					3.77	3.80	3.74	3.55	3.80	3.84	3.80	3.74	3.68	3.53
ESEER					4.50	4.54	4.46	4.25	4.75	4.80	4.76	4.67	4.59	4.44
COP					4.77	4.80	4.74	4.55	4.80	4.84	4.80	4.74	4.68	4.53
IPLV					5.36	5.35	5.30	5.04	5.52	5.55		5.60	5.31	5.16
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	165	164		159	-					
			SCOP		4.20	4.17	4.18	4.06	-					
Dimensions	Unit	Height		mm	1,860				1,880					
		Width		mm	920				860					
		Depth		mm	3,435				4,305					
Weight	Unit			kg	1,393	1,410	1,503		2,687	2,697	2,702	2,757	2,762	
	Operation weight			kg	1,470	1,480	1,650		2,840	2,850	2,860	2,970		
Water heat exchanger - evaporator	Type				Single pass shell and tube									
	Water volume			l	60	56	123		118	113		173	168	
	Water flow rate	Nom.		l/s	7.9	9.6	12.1	13.4	15.9	17.7	19.2	21.4	23.6	26.5
	Water pressure drop	Cooling	Total	kPa	45	61	41	49	58	57	66	50		59
Water heat exchanger - condenser	Type				Single pass shell and tube									
	Water flow rate	Nom.		l/s	10.0	12.1	15.3	17.1	10.1	10.2	12.2	12.4	15.0	17.0
	Water flow rate 2	Nom.		l/s	-				10.1	12.2		14.8	15.0	17.0
	Water pressure drop	Cooling	Nom.	kPa	38	39	60	73	37	38	39	41	57	70
	Water pressure drop 2	Cooling	Nom.	kPa	-				37	39		56	57	70
Compressor	Type				Single screw compressor									
	Quantity				1				2					
Sound power level	Cooling	Nom.		dBA	88				90					
Sound pressure level	Cooling	Nom.		dBA	70				72					
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-8~15									
	Condenser	Cooling	Min.~Max.	°CDB	20~55									
Refrigerant	Type / GWP				R-134a / 1,430									
	Circuits	Quantity			1				2					
Refrigerant charge	Per circuit			kg	60.0				55.0					
				TCO_2eq	85.8				78.7					
Piping connections	Evaporator water inlet/outlet (OD)				88.9		114.3					139.7mm		
	Condenser water inlet/outlet (OD)				5"									
Unit	Starting current	Max		A	288				380	397		420		438
	Running current	Cooling	Nom.	A	75	85	105	122	149	160	171	190	209	242
		Max		A	114	136	165	186	229	250	272	301	330	373
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400									

Water cooled screw chiller, high efficiency, standard sound

EWWD-G-SS/XS MicroTech III

Heating only & Cooling only				EWWD-G-XS	190	230	280	320	380	400	460	500	550	650
Cooling capacity	Nom.			kW	185	222	276	306	365	407	443	495	539	602
Heating capacity	Nom.			kW	226	272	337	379	446	496	540	602	657	743
Power input	Cooling	Min.		kW	40.6	49.4	61.0	73.4	81.1	89.0	97.0	107	117	141
	Heating	Nom.		kW	40.6	49.4	61.0	73.4	81.1	89.0	97.0	107	117	141
Capacity control	Method				Stepless									
	Minimum capacity			%	25.0				12.5					
EER					4.57	4.50	4.53	4.17	4.50	4.58	4.57	4.61	4.59	4.26
ESEER					5.37	5.31	5.33	4.91	5.54	5.62	5.61	5.68	5.67	5.27
COP					5.57	5.50	5.53	5.17	5.50	5.58	5.6	5.61	5.59	5.26
IPLV					6.45	6.36	6.35	5.80	6.47	6.57	6.55	6.65	6.64	6.17
Space heating	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	187	184	185	175	-					
			SCOP		4.75	4.68	4.69	4.44	-					
Dimensions	Unit	Height		mm	1,860				1,880					
		Width		mm	920				860					
		Depth		mm	3,435				4,305					
Weight	Unit			kg	1,650	1,665	1,680		2,800	2,945	2,955	2,975	2,990	
	Operation weight			kg	1,800	1,810	1,820		3,020	3,280	3,290	3,315	3,340	
Water heat exchanger - evaporator	Type				Single pass shell and tube									
	Water volume			l	125	120	110		170	285		280		
	Water flow rate	Nom.		l/s	8.9	10.6	13.2	14.6	17.5	19.5	21.2	23.7	25.8	28.8
	Water pressure drop	Cooling	Total	kPa	23	31	30	37	28	21	24	33	39	47
Water heat exchanger - condenser	Type				Single pass shell and tube									
	Water flow rate	Nom.		l/s	10.9	13.1	16.2	18.2	10.7	10.9	13.0	13.2	15.8	17.9
	Water flow rate 2	Nom.		l/s	-				10.7	13.0		15.8		17.9
	Water pressure drop	Cooling	Nom.	kPa	16	18	22	27	15				14	17
	Water pressure drop 2	Cooling	Nom.	kPa	-				15			14		17
Compressor	Type				Single screw compressor									
	Quantity				1				2					
Sound power level	Cooling	Nom.		dBA	88				90					
Sound pressure level	Cooling	Nom.		dBA	70				72					
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-8~15									
	Condenser	Cooling	Min.~Max.	°CDB	20~55									
Refrigerant	Type / GWP				R-134a / 1,430									
	Circuits	Quantity			1				2					
Refrigerant charge	Per circuit			kg	60.0			65.0		60.0	65.0		60.0	
				TCO_2eq	85.8			93.0		85.8	93.0		85.8	
Piping connections	Evaporator water inlet/outlet (OD)				114.3				139.7	168.3mm				
	Condenser water inlet/outlet (OD)				5"									
Unit	Starting current	Max		A	288				380	397		420		438
	Running current	Cooling	Nom.	A	71	81	96	109	142	152	161	174	186	210
		Max		A	114	136	165	186	229	250	272	301	330	373
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400									

Water cooled screw chiller, standard efficiency, standard sound

- Stepless single-screw compressor
- Optimised for use with R-134a
- **One, two or three** truly independent **refrigerant circuits**
- Standard electronic expansion valve
- DX shell and tube evaporator – one pass refrigerant side to minimize pressure drops
- Partial and total heat recovery option available
- MicroTech III controller with superior control logic and easy interface

Heating only & Cooling only				**EWWD-I-SS**	**340**	**400**	**460**	**550**	**650**	**700**	**800**	**850**	**900**	**950**	**C10**	**C12**	**C13**	**C14**	**C15**	**C16**	**C17**	**C18**
Cooling capacity	Nom.			kW	332	392	458	536	637	703	779	841	907	982	1,024	1,151	1,200	1,270	1,341	1,395	1,449	1,503
Heating capacity	Nom.			kW	405	481	562	660	783	863	955	1,032	1,112	1,207	1,267	1,412	1,475	1,560	1,648	1,721	1,793	1,866
Power input	Cooling	Nom.		kW	73.5	88.6	104	124	146	160	176	191	205	225	243	262	275	290	307	325	344	363
	Heating	Nom.		kW	73.5	88.6	104	124	146	160	176	191	205	225	243	262	275	290	307	325	344	363
Capacity control	Method				Stepless																	
	Minimum capacity			%	25.0				12.5							8.3						
EER					4.51	4.43	4.39	4.31	4.37	4.38	4.41	4.40	4.42	4.37	4.22	4.40	4.36	4.38	4.37	4.29	4.21	4.14
ESEER					4.55	4.46	4.44	4.37	4.99	5.18	5.00	5.13	4.92	5.05	4.82	4.96	5.00		4.99	5.00	4.91	4.79
COP					5.51	5.43	5.39	5.31	5.37	5.38	5.41	5.40	5.42	5.37	5.22	5.40	5.36	5.38	5.37	5.29	5.21	5.14
IPLV					5.41	5.28	5.26	5.19	5.83	6.27	5.81	6.16	5.76	5.90	5.64	5.71	5.74	5.76	5.74		5.65	5.45
Dimensions	Unit	Height	mm		1,821				2,103							2,323						
		Width	mm		1,466				1,350							2,130						
		Depth	mm		3,298				4,116							4,439						
Weight	Unit			kg	2,150	2,160	2,179	2,224	3,909	3,927	3,945	3,971	3,996	4,080	4,092	6,079	6,097	6,136	6,174	6,192	6,210	6,228
	Operation weight			kg	2,380	2,396	2,410	2,457	4,217	4,228	4,243	4,262	4,288	4,369	4,386	6,628	6,646	6,670	6,699	6,717	6,735	6,761
Water heat exchanger - evaporator	Type				Single pass shell and tube																	
	Water volume			l	193		183	172	271	263	256	248	241	233		472	504	489	472			
	Water flow rate	Nom.		l/s	15.9	18.8	21.9	25.7	30.5	33.6	37.3	40.3	43.4	47.0	49.0	55.1	57.4	60.8	64.2	66.8	69.4	72.0
	Water pressure drop	Cooling	Nom.	kPa	37	50	54	62	55	44	57	53	44	54	39	52	55	46	57	62	66	71
		Heating	Nom.	kPa	37	50	54	62	55	44	57	53	44	54	39	52	55	46	57	62	66	71
Water heat exchanger - condenser	Type				Single pass shell and tube																	
	Water flow rate	Nom.		l/s	19.5	23.1	27.0	31.7	18.8	19.1	23.0	23.2	26.8	27.2	30.5	22.6		22.9	26.4			29.9
	Water flow rate 2	Nom.		l/s	-				18.8	22.4	23.0	26.5	26.8	30.8	30.5	22.6		26.1	26.4		29.9	
	Water flow rate 3	Nom.		l/s	-											22.6	25.6	26.1	26.4		29.9	
	Water pressure drop	Cooling	Nom.	kPa	26	28	30	26	25		27	28	26	22	23	24		25	24			23
		Heating	Nom.	kPa	26	28	30	26	25	26	27	28	26	23		24		25	24			23
	Water pressure drop 2	Cooling	Nom.	kPa	-				25	26	27	26		23		24		23	24		23	
	Water pressure drop 3	Cooling	Nom.	kPa	-											24	22	23	24		23	
Compressor	Type				Single screw compressor																	
	Quantity				1				2							3						
Sound power level	Cooling	Nom.		dBA	94	97					98	99	100			101			103			
Sound pressure level	Cooling	Nom.		dBA	75	76	78				79	80	81			80	81		83			
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-8~15																	
	Condenser	Cooling	Min.~Max.	°CDB	20~55																	
Refrigerant	Type / GWP				R-134a / 1,430																	
	Circuits	Quantity			1				2							3						
Refrigerant charge	Per circuit			kg	54.0	52.0	60.0	55.0	60.0	75.0	55.0		50.0			52.0	51.7	51.3	51.0	50.7	50.3	58.0
				TCO_2eq	77.2	74.4	85.8	78.7	85.8	107.3	78.7		71.5			74.4	73.9	73.4	72.9	72.5	72.0	82.9
Piping connections	Evaporator water inlet/outlet (OD)				168.3mm											219.1mm						
	Condenser water inlet/outlet (OD)				5"																	
Unit	Maximum starting current			A	330	464			493	627	650	681		703		836	867	898		920	942	
	Nominal running current (RLA)	Cooling		A	119	145	166	196	236	262	288	310	329	355	382	431	450	470	493	520	547	574
	Maximum running current			A	204	233	271	299	407	436	465	504	542	570	597	698	737	775	814	841	868	896
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400																	

Water cooled screw chiller, high efficiency, standard sound

EWWD-I-SS/XS MicroTech III

Heating only & Cooling only				EWWD-I-XS	360	440	500	600	750	800	850	950	C10	C11	C12
Cooling capacity	Nom.			kW	360	431	504	570	717	791	863	929	971	1,035	1,130
Heating capacity	Nom.			kW	435	520	608	697	865	995	1,040	1,122	1,180	1,263	1,380
Power input	Cooling	Nom.		kW	74.5	89.5	104	127	148	163	178	193	208	228	250
	Heating	Nom.		kW	74.5	89.5	104	127	148	163	178	193	208	228	250
Capacity control	Method				Stepless										
	Minimum capacity			%	25.0				12.5						
EER					4.83	4.82		4.50	4.85	4.84	4.85	4.81	4.66	4.53	4.51
ESEER					4.81	4.74	4.70	4.60	5.52	5.68	5.41	5.53	5.31	5.45	5.10
COP					5.83	5.82		5.50	5.85	5.84	5.85	5.81	5.66	5.53	5.51
IPLV					5.72	5.63	5.57	5.47	6.45	6.89	6.33	6.63	6.19	6.35	5.97
Dimensions	Unit	Height		mm	1,883				2,245						
		Width		mm	1,430				1,350						
		Depth		mm	4,012				4,782						
Weight	Unit			kg	2,594	2,667	2,704		4,964	4,997	5,049	5,073	5,097	5,132	
	Operation weight			kg	2,998	3,078	3,116		5,582	5,615	5,671	5,695	5,729	5,741	
Water heat exchanger - evaporator	Type				Single pass shell and tube										
	Water volume			l	326	317	308		539		528			504	
	Water flow rate	Nom.		l/s	17.3	20.7	24.1	27.3	34.4	37.9	41.3	44.5	46.6	49.5	54.1
	Water pressure drop	Cooling	Nom.	kPa	64		54	68	58	68	56	64	72	46	52
		Heating	Nom.	kPa	64		54	68	58	68	56	64	72	46	52
Water heat exchanger - condenser	Type				Single pass shell and tube										
	Water flow rate	Nom.		l/s	20.9	25.0	29.2	33.4	20.8	21.0	25.0		28.3		33.1
	Water flow rate 2	Nom.		l/s	-				20.8	24.9	25.0	28.8	28.3	32.3	33.1
	Water pressure drop	Cooling	Nom.	kPa	48	47	51	66	48		47		50	51	65
		Heating	Nom.	kPa	48	47	51	66	48		47	50		65	
	Water pressure drop 2	Cooling	Nom.	kPa	-				48	47		50		65	
Compressor	Type				Single screw compressor										
	Quantity				1				2						
Sound power level	Cooling	Nom.		dBA	94	97					98	99	100		
Sound pressure level	Cooling	Nom.		dBA	75	76	78				79	80	81		
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-8~15										
	Condenser	Cooling	Min.~Max.	°CDB	20~55										
Refrigerant	Type / GWP				R-134a / 1,430										
	Circuits	Quantity			1				2						
Refrigerant charge	Per circuit			kg	100.0	87.0	130.0	105.0	90.0	88.5	87.0	86.0	85.0		
				TCO_2eq	143.0	124.4	185.9	150.2	128.7	126.6	124.4	123.0	121.6		
Piping connections	Evaporator water inlet/outlet (OD)				168.3mm				219.1mm						
	Condenser water inlet/outlet (OD)				5"										
Unit	Maximum starting current			A	330	464			493	627	650	681		703	
	Nominal running current (RLA)	Cooling		A	117	144	164	194	235	261	287	307	327	358	388
	Maximum running current			A	204	233	271	299	407	436	465	504	542	570	597
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400										

The highest peak in chiller technology

The EWWD-VZ chiller series were developed and manufactured to answer the growing market demands on high efficient chiller series.
Thanks to the continuous evolution in components' technology, we are the first to reach the highest peak in chiller efficiency and technology.

EWWD-VZ at a glance

Single compressor

450 kW - 1,053 kW

Dual compressor & dual circuit unit

1,200 kW - 2,100 kW

of everything:
2 compressors,
2 expansion valves,
2 condensers,...

VZ CHILLER SERIES

Full inverter water cooled chiller

INVERTER

New condenser design with integral oil separator

High efficient flooded heat exchangers

Highest efficiency in the market in its category

TOP CLASS EFFICIENCY

Unique Daikin single screw compressor technology

UNIQUE SOLUTION

Why choose EWWD-VZ chiller series?

1 **Top class efficiency: ESEER up to 8.5 – EER up to 5.8**

Thanks to:

› New generation Daikin inverter screw compressors
› New generation high efficiency heat exchangers
› Variable volume ratio technology
› Optimized refrigerant circuit design

2 **Compact unit : 40% footprint reduction**

Thanks to:

› New single pass condenser technology
› New integrated oil separator technology
› Optional knock down panel which reduces the unit width

3 **Application flexibility : widest operating envelope in its range**

4 **Connectivity : Daikin on site cloud platform**

5 **Future readiness: Choose for today's best solution and be ready for the future!**

Supporting tools

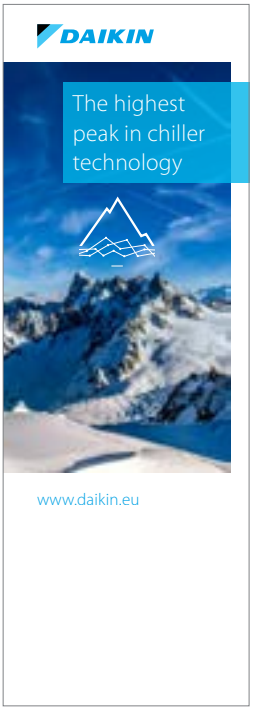
Product video

Check on

www.youtube.com/
DaikinEurope

Marketing material

All marketing material can be downloaded from the business portal.
Asset finder > Campaign > VZ chiller series



Product profile

Want to know more about this product?
Have a look at our website and download the product profile:

www.daikineurope.com/vzchillerseries

Water cooled screw inverter chiller, standard efficiency, standard sound

- Optimized energy efficiency both at full and part load conditions
- Compact footprint through stacked heat exchanger lay-out
- Heat pump version with reversibility on water side (up to 65°C hot water production)
- Multiple options available: sound proof cabinet, rapid restart, removable electrical panel, etc. to adapt the unit to your specific application and need
- Thanks to a large operating envelope, the unit is suitable for all possible process and comfort applications
- High efficient flooded type heat exchanger allowing maximum unit performances
- One or two truly independent refrigerant circuits for outstanding reliability

EWWD-VZSS MicroTech III

Cooling only/Heating only				EWWD-VZSS	600	700	760	890	C10
Cooling capacity	Nom.			kW	609.9	704.1	756.5	894.2	1,039
Heating capacity	Nom.			kW	756.7	877.8	943.2	1,107	1,292
Power input	Cooling	Nom.		kW	110	132	142	162	196
	Heating	Nom.		kW	140	166	179	201	244
Capacity control	Method				Stepless				
	Minimum capacity			%	20				
EER					5.51	5.31		5.52	5.28
COP					5.42	5.27	5.28	5.5	5.3
ESEER					7.62	7.50	7.63	7.54	7.52
IPLV					9.08	9.27	9.20	9.22	9.40
Dimensions	Unit	Height		mm	2,120			2,290	2,480
		Width		mm	1,180			1,240	1,340
		Depth		mm	3,460	3,690			3,830
Weight	Unit			kg	2,892	2,928	2,941	3,451	4,237
	Operation weight			kg	2,977	3,033	3,053	3,611	4,488
Water heat exchanger - evaporator	Type				Flooded single pass shell and tube				
	Water volume			l	88		96	134	156
	Water flow rate	Cooling	Nom.	l/s	29.3	33.8	36.3	42.9	49.9
		Heating	Nom.	l/s	29.6	34.2	36.7	43.5	50.4
	Water pressure drop	Cooling	Nom.	kPa	80.0	106	89.0	98.0	104
		Heating	Nom.	kPa	82	108	90	100	106
Water heat exchanger - condenser	Type				Single pass shell and tube				
	Water volume			l	81	102		126	217
	Water flow rate	Cooling	Nom.	l/s	34.5	40.2	43.1	50.7	59.4
		Heating	Nom.	l/s	36.46	42.33	45.47	53.38	62.35
	Water pressure drop	Cooling	Nom.	kPa	31	29	32	30	33.0
		Heating	Nom.	kPa	60	44	51	48	36
Compressor	Type				Inverter driven single screw compressor				
	Quantity				1				
Sound power level	Cooling	Nom.		dBA	101	105			108
Sound pressure level	Cooling	Nom.		dBA	82	86			89
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-3~20				
	Condenser	Cooling	Min.~Max.	°CDB	16~63				
Refrigerant	Type / GWP				R-134a / 1,430				
	Circuits	Quantity			1				
Refrigerant charge	Per circuit			kg	100	110		170	180
				TCO_2eq	143	157		243	257
Piping connections	Evaporator water inlet/outlet			mm	141.3			168.3	219.1
	Condenser water inlet/outlet			mm	168.3			219.1	
Unit	Starting current	Max		A	179	214	245	295	344
	Running current	Cooling	Nom.	A	171	202	220	249	300
		Max		A	256	306	350	421	491
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400				

Water cooled screw inverter chiller, high efficiency, standard sound

- High energy efficiency both at full and part load conditions
- Compact footprint through stacked heat exchanger lay-out
- Heat pump version with reversibility on water side (up to 65°C hot water production)
- Multiple options available: sound proof cabinet, rapid restart, removable electrical panel, etc. to adapt the unit to your specific application and need
- Thanks to a large operating envelope, the unit is suitable for all possible process and comfort applications
- High efficient flooded type heat exchanger allowing maximum unit performances
- One or two truly independent refrigerant circuits for outstanding reliability

EWWD-VZXS MicroTech III

Cooling only/Heating only				EWWD-VZXS	450	500	610	710	800	900	C11
Cooling capacity	Nom.			kW	448.8	500.5	612.8	713	793.5	901.2	1,053
Heating capacity	Nom.			kW	553	617.2	756.7	882.2	984.6	1,110	1,302
Power input	Cooling	Nom.		kW	81.1	89.6	108	128	146	158	192
	Heating	Nom.		kW	102	112	138	163	185	199	240
Capacity control	Method				Stepless						
	Minimum capacity			%	20						
EER					5.53	5.58	5.64	5.54	5.43	5.67	5.46
COP					5.45	5.49	5.48	5.42	5.33	5.58	5.43
ESEER					7.51	7.92	8.10	8.20	8.22	7.92	8.17
IPLV					9.42	9.59	9.52	9.66	9.64	9.48	9.58
Dimensions	Unit	Height		mm	2,090	2,120		2,230	2,290	2,480	
		Width		mm	1,180			1,220	1,240	1,340	
		Depth		mm	3,460		3,690			3,830	
Weight	Unit			kg	2,968	2,911	3,102	3,470	3,451	4,257	4,552
	Operation weight			kg	3,098	3,006	3,274	3,648	3,611	4,518	4,860
Water heat exchanger - evaporator	Type				Flooded single pass shell and tube						
	Water volume			l	70	88	136	134		168	199
	Water flow rate	Cooling	Nom.	l/s	21.6	24.0	29.4	34.2	38.0	43.2	50.4
		Heating	Nom.	l/s	21.7	24.2	29.7	34.5	38.4	43.7	50.9
	Water pressure drop	Cooling	Nom.	kPa	89.0	63.0	59.0	63.0	55.0	67.0	58.0
		Heating	Nom.	kPa	90	64	60	64	56	68	59
Water heat exchanger - condenser	Type				Single pass shell and tube						
	Water volume			l	81	92	126	145	126	217	241
	Water flow rate	Cooling	Nom.	l/s	25.4	28.3	34.7	40.4	45.2	50.9	59.9
		Heating	Nom.	l/s	26.68	29.78	36.53	42.6	47.53	53.59	62.85
	Water pressure drop	Cooling	Nom.	kPa	31.0	28.0	22.0	20.0	24.0	25.0	
		Heating	Nom.	kPa	34	31	24	22	27	28	27
Compressor	Type				Inverter driven single screw compressor						
	Quantity				1						
Sound power level	Cooling	Nom.		dBA	97	99	101	105			108
Sound pressure level	Cooling	Nom.		dBA	78	80	82	86			89
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-3~20						
	Condenser	Cooling	Min.~Max.	°CDB	16~65						
Refrigerant	Type / GWP				R-134a / 1,430						
	Circuits	Quantity			1						
Refrigerant charge	Per circuit			kg	95		100	110	170		180
				TCO_2eq	136		143	157	243		257
Piping connections	Evaporator water inlet/outlet			mm	141.3			168.3		219.1	
	Condenser water inlet/outlet			mm	168.3		219.1				
Unit	Starting current	Max		A	155	173	179	214	256	295	344
	Running current	Cooling	Nom.	A	126	140	171	201	229	249	299
		Max		A	222	247	256	306	366	421	491
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400						

Water cooled screw inverter chiller, premium efficiency, standard sound

- Premium energy efficiency both at full and part load conditions
- Compact footprint through stacked heat exchanger lay-out
- Heat pump version with reversibility on water side (up to 65°C hot water production)
- Multiple options available: sound proof cabinet, rapid restart, removable electrical panel, etc. to adapt the unit to your specific application and need
- Thanks to a large operating envelope, the unit is suitable for all possible process and comfort applications
- High efficient flooded type heat exchanger allowing maximum unit performances
- One or two truly independent refrigerant circuits for outstanding reliability

EWWD-VZPS MicroTech III

Cooling only/Heating only				EWWD-VZPS	505	715	910
Cooling capacity	Nom.			kW	504.9	717.7	908.1
Heating capacity	Nom.			kW	619.7	885.3	1,115
Power input	Cooling	Nom.		kW	87.5	126	156
	Heating	Nom.		kW	110	161	196
Capacity control	Method				Stepless		
	Minimum capacity			%	20		
EER					5.77	5.66	5.81
COP					5.62	5.49	5.68
ESEER					8.15	8.48	8.25
IPLV					9.61	9.68	9.57
Dimensions	Unit	Height		mm	2,090	2,430	2,480
		Width		mm	1,180	1,330	1,340
		Depth		mm	3,690		3,830
Weight	Unit			kg	3,247	4,082	4,346
	Operation weight			kg	3,375	4,349	4,660
Water heat exchanger - evaporator	Type				Flooded single pass shell and tube		
	Water volume			l	96	168	199
	Water flow rate	Cooling	Nom.	l/s	24.2	34.4	43.5
		Heating	Nom.	l/s	24.4	34.7	44
	Water pressure drop	Cooling	Nom.	kPa	55.0	42.0	44.0
		Heating	Nom.	kPa	56	43	45
Water heat exchanger - condenser	Type				Single pass shell and tube		
	Water volume			l	126	217	241
	Water flow rate	Cooling	Nom.	l/s	28.5	40.6	51.2
		Heating	Nom.	l/s	29.93	42.76	53.83
	Water pressure drop	Cooling	Nom.	kPa	15.0	17.0	19.0
		Heating	Nom.	kPa	17	18	21
Compressor	Type				Inverter driven single screw compressor		
	Quantity				1		
Sound power level	Cooling	Nom.		dBA	99	105	
Sound pressure level	Cooling	Nom.		dBA	80	86	
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-3~20		
	Condenser	Cooling	Min.~Max.	°CDB	16~65		
Refrigerant	Type / GWP				R-134a / 1,430		
	Circuits	Quantity			1		
Refrigerant charge	Per circuit			kg	100	150	180
				TCO_2eq	143	215	257
Piping connections	Evaporator water inlet/outlet			mm	141.3	219.1	
	Condenser water inlet/outlet			mm	219.1		
Unit	Starting current	Max		A	173	214	295
	Running current	Cooling	Nom.	A	138	200	247
		Max		A	247	306	421
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400		

Condenserless scroll chiller

- One of the most **compact units** on the market: 600mmx600mmx600mm
- Daikin scroll compressor
- Electronic DDC controller
- Low operating sound level
- Low energy consumption
- Low refrigerant volume
- Easy installation and maintenance
- Stainless steel plate heat exchanger
- Compatible with hydraulic module EHMC
- Standard integrated: main switch, pressure ports, flow switch, filter, shut-off valves and air purge
- Advanced µC²SE controller for direct connection to a Modbus based BMS or to a remote user interface.

EWLP012-030KBW1N µC²SE

Cooling only				EWLP-KBW1N	012	020	026	030	040	055	065
Cooling capacity	Nom.			kW	12.1	20.0	26.8	31.2	40.0	53.7	62.4
Power input	Cooling	Nom.		kW	4.2	6.6	8.5	10.1	13.4	17.8	20.3
Capacity steps number					1				2		
EER					2.88	3.03	3.15	3.09	2.99	3.02	3.07
Dimensions	Unit	HeightxWidthxDepth		mm	600x600x600				600x600x1,200		
Weight	Unit			kg	108	141	147	151	252	265	274
Water heat exchanger - evaporator	Minimum water volume in the system			l	62	103	134	155	205	268	311
	Type				Brazed plate						
	Water flow rate	Min.		l/min	31	53	65	76	101	131	152
		Nom.		l/min	35	57	77	89	115	154	179
		Max.		l/min	69	115	154	179	229	308	357
	Model	Quantity			1						
Compressor	Type				Hermetically sealed scroll compressor						
	Quantity				1				2		
Sound power level	Cooling	Nom.		dBA	64			71	67		74
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-10~20						
	Condenser	Cooling	Min.~Max.	°CDB	25~60						
Refrigerant	Type / GWP				R-407C / 1,773.9						
	Control				Thermostatic expansion valve						
	Circuits	Quantity			1				2		
Piping connections	Evaporator water inlet/outlet (OD)				FBSP 25mm				FBSP 40mm		
	Evaporator water drain				Field installation						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400						

Condenserless multi-scroll chiller, standard efficiency, standard sound

- Single refrigerant circuit (2 scroll compressors) with single evaporator
- For chilled water production, to be combined with a remote condensing unit
- Compact design to allow easy indoor installation or retrofit operations
- Conceived for stacked installation of two single circuit units to reduce the footprint
- High efficiency and reliable scroll compressor
- Stainless steel plate heat exchanger

EWLQ-G-SS

Cooling only					EWLQ-G-SS	090	100	120	130	150	170	190	210	240	300	360
Cooling capacity	Nom.			kW		86.5	98.4	110	125	139	160	181	206	231	290	346
Power input	Cooling	Nom.		kW		22.4	25.8	29.2	33.0	36.8	42.0	47.0	54.2	59.9	75.6	91.8
Capacity control	Method					Step										
	Minimum capacity			%		50.0	43.0	50.0	44.0	50.0	45.0	50.0	43.0	50.0	40.0	50.0
EER						3.86	3.81	3.78	3.79		3.80	3.86	3.80	3.85	3.84	3.77
Dimensions	Unit	Height		mm		1,066									1,186	
		Width		mm		928										
		Depth		mm		2,743										
Weight	Unit			kg		494	578	686	714	742	773	807	838	852	967	1,046
	Operation weight			kg		525	615	729	760	791	826	863	901	916	1,044	1,134
Water heat exchanger - evaporator	Type					Plate heat exchanger										
	Water volume			l		6	8		10	12	13	15	17		27	34
	Water flow rate	Nom.		l/s		4.2	4.7	5.3	6.0	6.7	7.7	8.7	9.8	11.1	13.9	16.6
	Water pressure drop	Cooling	Nom.	kPa		44		35	29		31	33	30	38	41	
Compressor	Type					Scroll compressor										
	Quantity					2										
Sound power level	Cooling	Nom.		dBA		80	83	85	87	88			90	92	93	
Sound pressure level	Cooling	Nom.		dBA		64	67	69	70	72			74	76		77
Operation range	Evaporator	Cooling	Min.~Max.	°CDB		-10~15										
	Condenser	Cooling	Min.~Max.	°CDB		30~60										
Refrigerant	Type / GWP					R-410A / 2,087.5										
	Circuits	Quantity				1										
Piping connections	Evaporator water inlet/outlet (OD)					1" 1/2		2" 1/2							3"	
Unit	Starting current	Max		A		204	255	261	308	316	354	368	466	481.0	640	677
	Running current	Cooling	Nom.	A		39	42	45	51	57	64	70	81	88	111	135
		Max		A		59	66	72	80	88	102	116	131	145	183	221
Power supply	Phase/Frequency/Voltage			Hz/V		3~/50/400										

Condenserless multi-scroll chiller, standard efficiency, standard sound

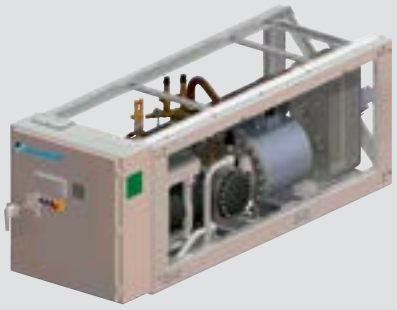
- Dual refrigerant circuit (4 scroll compressors) with single evaporator
- For chilled water production, to be combined with a remote condensing unit
- Compact design to allow easy indoor installation or retrofit operations
- High efficiency and reliable scroll compressor
- Stainless steel plate heat exchanger

EWLQ-L-SS

Cooling only				EWLQ-L-SS	180	205	230	260	290	330	380	430	480	540	600	660	720
Cooling capacity	Nom.			kW	173	197	224	249	279	317	361	409	459	511	571	624	676
Power input	Cooling	Nom.		kW	44.3	51.1	57.9	65.6	73.2	83.8	93.5	108	119	135	152	168	184
Capacity control	Method				Step												
	Minimum capacity			%	25.0	21.0	25.0	22.0	25.0	23.0	25.0	21.0	25.0	22.0	20.0	18.0	25.0
EER					3.91	3.86	3.87	3.79	3.81	3.78	3.86	3.79	3.84	3.78	3.76	3.71	3.67
Dimensions	Unit	Height		mm	1,970									2,090	2,210		
		Width		mm	928												
		Depth		mm	2,801												
Weight	Unit			kg	832	1,007	1,202	1,252	1,333	1,380	1,432	1,511	1,560	1,609	1,694	1,833	1,957
	Operation weight			kg	894	1,081	1,292	1,345	1,436	1,486	1,547	1,638	1,690	1,741	1,844	1,990	2,120
Water heat exchanger - evaporator	Type				Plate heat exchanger												
	Water volume			l	19	22	29		35		41	49			62		
	Water flow rate	Nom.		l/s	8.3	9.5	10.7	11.9	13.4	15.2	17.3	19.6	21.9	24.5	27.3	29.9	32.4
	Water pressure drop	Cooling	Nom.	kPa	25		20	25	22	29			36	45	44	52	62
Compressor	Type				Scroll compressor												
	Quantity				4												
Sound power level	Cooling	Nom.		dBA	83	86	88	90	91			93	95			96	
Sound pressure level	Cooling	Nom.		dBA	65	68	70	72	74		73	76	77		78		
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-10~15												
	Condenser	Cooling	Min.~Max.	°CDB	30~60												
Refrigerant	Type / GWP				R-410A / 2,087.5												
	Circuits	Quantity			2												
Piping connections	Evaporator water inlet/outlet (OD)				3"												
Unit	Starting current	Max		A	263	320	333	388	403	456	484	597	626	785	822	860	898
	Running current	Cooling	Nom.	A	78	84	90	102	114	128	141	161	176	199	223	246	269
		Max		A	118	131	144	160	175	205	232	262	290	328	366	403	441
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400												

Condenserless screw chiller, standard efficiency, standard sound

- Compact design to allow **easy indoor installation or retrofit operations**
- Daikin semi-hermetic single screw stepless compressor
- **High energy efficiency both at full and part load conditions**
- Chilled water temperatures **down to -10°C** on standard unit
- Optimised for use with **R-134a**
- MicroTech III controller with superior control logic and easy interface



EWLD-J-SS

MicroTech III

Cooling only				EWLD-J-SS	110	130	145	165	235	195	265	290	310	330	360	390	430	470	500	530
Cooling capacity	Nom.			kW	110	128	142	163	236	191	264	285	306	327	355	382	428	473	501	529
Power input	Cooling	Nom.		kW	31.2	38.4	43.8	50.4	66.0	56.0	75.3	87.4	94.0	100	106	111	122	132	141	150
Capacity control	Method				Stepless															
	Minimum capacity			%	25.0							12.5								
EER					3.51	3.33	3.25	3.24	3.58	3.42	3.51	3.26	3.25		3.35	3.43	3.52	3.59	3.55	3.52
Dimensions	Unit	Height		mm	1,020							2,000								
		Width		mm	913															
		Depth		mm	2,684															
Weight	Unit			kg	1,124	1,141	1,237	1,263	1,489	1,305	1,489	2,474	2,500	2,526	2,568	2,611	2,795	2,979		
	Operation weight			kg	1,138	1,159	1,253	1,281	1,518	1,327	1,518	2,505	2,533	2,562	2,608	2,655	2,845	3,036		
Water heat exchanger - evaporator	Type				Plate heat exchanger															
	Water volume			l	14	18	14	17	26	20	26	29	31	33	37	41	46	52		
	Water flow rate	Nom.		l/s	5.2	6.1	6.8	7.8	11.3	9.2	12.6	13.6	14.6	15.6	17.0	18.3	20.5	22.6	24.0	25.3
	Water pressure drop	Cooling	Nom.	kPa	14	13	39	37	26	33	32	39	37		34	33	29	26	29	32
Compressor	Type				Single screw compressor															
	Quantity				1							2								
Sound power level	Cooling	Nom.		dBA	89							94								96
Sound pressure level	Cooling	Nom.		dBA	79							82								83
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-10~15															
	Condenser	Cooling	Min.~Max.	°CDB	25~60															
Refrigerant	Type / GWP				R-134a / 1,430															
	Circuits	Quantity			1							2								
Piping connections	Evaporator water inlet/outlet (OD)				76.2 mm															
Unit	Maximum starting current			A	151		195		288	195	288	281	293		310		403	422	440	
	Nominal running current (RLA)	Cooling		A	52	62	72	81	107	91	120	145	153	162	171	181	197	214	227	241
	Maximum running current			A	76	97	107	122	167	143	189	215	230	245	265	286	311	335	357	378
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400															

Condenserless screw chiller, standard efficiency, standard sound

- Stepless single-screw compressor
- Optimised for use with **R-134a**
- **1-2 truly independent refrigerant circuits**
- Standard electronic expansion valve
- DX shell and tube evaporator – one pass refrigerant side for easy oil circulation and return
- All models are PED pressure vessel approved
- Partial heat recovery available
- MicroTech III controller with superior control logic and easy interface

EWLD-G-SS MicroTech III

Cooling only				EWLD-G-SS	160	190	240	280	320	360	380	420	480	550
Cooling capacity	Nom.			kW	160	188	243	269	315	350	379	426	474	524
Power input	Cooling	Nom.		kW	46.2	55.3	66.9	75.7	92.3	101	110	122	133	151
Capacity control	Method				Stepless									
	Minimum capacity			%	25.0				12.5					
EER					3.47	3.40	3.64	3.55	3.41	3.46	3.43	3.51	3.56	3.48
Dimensions	Unit	Height		mm	1,860				1,880	1,942				
		Width		mm	1,000				1,100					
		Depth		mm	3,700				4,400					
Weight	Unit			kg	1,280		1,398		2,442	2,446		2,501	2,506	
	Operation weight			kg	1,337		1,516		2,560			2,670		
Water heat exchanger - evaporator	Type				Single pass shell and tube									
	Water volume			l	60	56	123		118	113		173	168	
	Water flow rate	Nom.		l/s	7.7	9.0	11.6	12.9	15.1	16.8	18.2	20.4	22.7	25.1
	Water pressure drop	Cooling	Nom.	kPa	42	58	40	49	55	54	63	48	49	59
Compressor	Type				Single screw compressor									
	Quantity				1				2					
Sound power level	Cooling	Nom.		dBA	88				90					
Sound pressure level	Cooling	Nom.		dBA	70				72					
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-8~15									
	Condenser	Cooling	Min.~Max.	°CDB	25~60									
Refrigerant	Type / GWP				R-134a / 1,430									
	Circuits	Quantity			1				2					
Piping connections	Evaporator water inlet/outlet (OD)				88.9mm		114.3mm					139.7mm		
Unit	Maximum starting current			A	288				380	397		420		438
	Nominal running current (RLA)	Cooling		A	79	90	107	120	157	169	181	197	213	240
	Maximum running current			A	114	136	165	186	229	250	272	301	330	373
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400									

Condenserless screw chiller, standard efficiency, standard sound

- DX shell and tube evaporator – one pass refrigerant side for easy oil circulation and return
- Stepless single-screw compressor
- Standard electronic expansion valve
- Optimised for use with R-134a

EWLD-I-SS MicroTech III

Cooling only				EWLD-I-SS	320	400	420	500	600	650	750	800	850	900	950	C10	C11	C12	C13	C14	C15	C16	C17
Cooling capacity	Nom.			kW	315	374	437	509	607	670	740	802	865	935	975	1,029	1,097	1,144	1,210	1,278	1,330	1,381	1,433
Power input	Cooling	Nom.		kW	80.3	96.0	113	134	160	175	192	208	224	246	264	283	286	302	318	336	356	375	395
Capacity control	Method				Stepless																		
	Minimum capacity			%	25.0				12.5							8.3							
EER					3.93	3.89	3.88	3.79	3.80	3.82	3.86			3.81	3.69	3.64	3.83	3.79	3.80		3.74	3.68	3.63
Dimensions	Unit	Height		mm	1,899				2,325							2,415							
		Width		mm	1,464											2,135							
		Depth		mm	3,114				4,391							4,426							
Weight	Unit			kg	1,861		1,869	1,884	3,331	3,339	3,347	3,356	3,364	3,412		5,146	5,167		5,188	5,208			
	Operation weight			kg	2,054		2,052	2,056	3,602		3,603	3,604	3,605	3,645		5,667	5,671		5,677	5,680			
Water heat exchanger - evaporator	Type				Single pass shell and tube																		
	Water volume			l	193		183	172	271	263	256	248	241	233		504		489	472	504		489	472
	Water flow rate	Nom.		l/s	15.1	17.9	20.9	24.4	29.1	32.1	35.4	38.4	41.4	44.8	46.7	49.3	52.5	54.8	57.9	61.2	63.7	66.1	68.6
	Water pressure drop	Cooling	Total	kPa	34	46	49	56	50	40	52	49	40	49	36	54	47	51	43	53	57	61	65
Compressor	Type				Single screw compressor																		
	Quantity				1				2							3							
Sound power level	Cooling	Nom.		dBA	94	97					98	99	100					101		103			
Sound pressure level	Cooling	Nom.		dBA	75	76	78				79	80	81			80		81		83			
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-8~15																		
	Condenser	Cooling	Min.~Max.	°CDB	25~60																		
Refrigerant	Type / GWP				R-134a / 1,430																		
	Circuits	Quantity			1				2							3							
Piping connections	Evaporator water inlet/outlet (OD)				42mm																		
Unit	Maximum starting current			A	330	464			493	627	650	681		703		836		867	898		920	942	
	Nominal running current (RLA)	Cooling		A	131	157	181	214	260	287	313	338	361	391	420	448	470	493	517	542	571	601	631
	Maximum running current			A	204	233	271	299	407	436	465	504	542	570	597	670	698	737	775	814	841	868	896
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400																		

Water cooled centrifugal chiller, high efficiency, standard sound

- Totally oil-free operation resulting in reduced maintenance costs and increased reliability
- An inverter driven compressor allows the capacity to be adjusted precisely to match variations in room and outside temperatures
- Onboard digital electronics provide smart controls

EWWD-FZXS MicroTech II

Cooling only				EWWD-FZXS	320	430	520	640	860	C10
Cooling capacity	Min.			kW	113	133	170	113	133	169
	Max.			kW	316	439	520	639	887	1,054
Power input	Cooling	Min.		kW	20.6	25.5	32.7	20.5	25.5	32.6
		Max.		kW	65.1	90.4	106	129	179	208
Capacity control	Method				Stepless					
EER					4.85	4.86	4.93	4.97	4.95	5.06
ESEER					8.11	8.39	8.66	8.83	8.52	8.88
IPLV					9.25	9.64	9.89	9.50	9.74	10.06
Dimensions	Unit	Height		mm	1,823			1,755	1,748	1,794
		Width		mm	1,276			1,790	1,853	1,904
		Depth		mm	3,254		3,419	3,441	3,289	3,401
Weight	Unit			kg	2,360	2,416	2,546	3,709	4,095	4,765
	Operation weight			kg	2,520	2,634	2,812	4,074	4,548	5,330
Water heat exchanger - evaporator	Type				Flooded shell and tube					
	Water volume			l	78	107	134	184	210	302
	Water flow rate	Nom.		l/s	15.1	21.0	24.9	30.6	42.4	50.4
	Water pressure drop	Cooling	Nom.	kPa	30	32	33	35	33	31
Water heat exchanger - condenser	Type				Flooded shell and tube					
	Water flow rate	Nom.		l/s	18.3	25.5	30.1	36.9	51.3	60.7
	Water pressure drop	Cooling	Nom.	kPa	24	26	29	23	32	29
Compressor	Type				Oil free centrifugal compressor					
	Quantity				1			2		
Sound power level	Cooling	Nom.		dBA	89	90	91	92	94	95
Sound pressure level	Cooling	Nom.		dBA	71	72	73	74	75	76
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	2~15					
	Condenser	Cooling	Min.~Max.	°CDB	18~46					
Refrigerant	Type / GWP				R-134a / 1,430					
	Circuits	Quantity			1					
Refrigerant charge	Per circuit			kg	240.0	220.0	180.0	220.0		300.0
				TCO_2eq	343.2	314.6	257.4	314.6		429.0
Piping connections	Evaporator water inlet/outlet (OD)				168.3mm		219.1mm			273mm
	Condenser water inlet/outlet (OD)				168.3mm			219.1mm		
Unit	Maximum starting current			A	2					
	Nominal running current (RLA)	Cooling		A	104	142	168	207	285	335
	Maximum running current			A	135	210	176	270	420	352
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400					

Water cooled centrifugal chiller, high efficiency, standard sound

- Optional Variable Frequency Drive (VFD) to improve the part load efficiency
- High efficiency flooded type shell and tube evaporator/condensers
- Lower equipment, installation and annual operating costs than two single compressor chillers (DWDC)
- Main components can be removed or repaired without shutting down the unit as the chiller has two of everything (compressors, lubrication systems, control systems and starters) (DWDC)
- Unloading to 5% (DWSC) or 10% (DWDC) of full load provides improved stability of the chilled water temperature and less harmful cycling of compressors
- Single stage centrifugal compressor (DWSC)

DWSC-DWDC MicroTech II

Cooling only		DWDC/DWSC	DWDC	DWSC
Cooling capacity	Min.	kW	600	300
	Max.	kW	9,000	4,500
Compressor	Type		Single stage centrifugal compressor	
Refrigerant	Type / GWP		R-134a / 1,430	
	Charge	kg	700 - 1,400	300 - 1,000
		TCO_2Eq	1,001 - 2,002	429 - 1,430

* not Eurovent certified

Options - Chillers

Options - Small chillers

Chiller series	Integrated hydronics	LWE		Electrical
	Single pump	High Glycol	Low Glycol	Evaporator heater tape
	OPSP	OPZH	OPZL	OP10
EWAQ-ADVP	STD			STD
EWYQ-ADVP	STD			STD
EWAQ-ACV3	STD			STD
EWAQ-ACW1	STD			STD
EWYQ-ACV3	STD			STD
EWYQ-ACW1	STD			STD
EWWP-KBW1N		Option	Option	
EWLP-KBW1N		Option	Option	

(1) Impossible option combination: OPZH+OPZL

Options - Medium and large chillers (Part 1)

Description	Code	EWAQ~BAW EWYQ~BAW	EWAQ-G-	EWYQ-G-	EWAQ-E-XS EWAQ-F-SS/XS	EWAQ-E-XL/XR EWAQ-F-SL/ SR/XL/XR	EWYQ-F-XS	EWYQ-F-XL	EWYQ-F-XR	EWAD-E-	EWAD-D-SS	EWAD-D-SL	EWAD-D-SR	EWAD-D-SX	EWAD-D-XS	EWAD-D-XR
Total heat recovery	01		Option							Option	Option	Option	Option	Option	Option	Option
Total heat recovery (1 circuit)	02										Option	Option	Option	Option	Option	Option
Partial heat recovery	03		Option	Option	Option	Option	CF	CF	CF	Option	Option	Option	Option	Option	Option	Option
Direct on line starter (DOL)	04		STD	STD	STD	STD	STD	STD	STD							
WyeDelta compressor starter (YD)	05									STD	STD	STD	STD	STD	STD	STD
Soft starter	06		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Heat pump version	07															
Heat pump version (including pursuit mode)	07a (15)															
Brine version	08 (1)	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Double setpoint	10		STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
Compressor thermal overload relays	11				Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Fans thermal relays	12															
Phase monitor	13				Option	Option				STD	STD	STD	STD	STD	STD	STD
Inverter compressor starter	14															
Under / Over voltage control	15		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Energy meter	16				Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Energy meter (including current limit)	16a															
Capacitors for power factor correction	17		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Auxiliary relay	18															
Current limit	19									Option	Option	Option	Option	Option	Option	Option
Evaporator victaulic kit	20		STD	STD	STD	STD	STD	STD	STD		STD			STD	STD	STD
Evaporator flange kit	21										Option			Option	Option	Option
Evaporator marine waterbox victaulic (2 passes)	22															
Evaporator marine waterbox victaulic (1 pass)	22a															
Evaporator marine waterbox victaulic (3 passes)	23															
Evaporator marine waterbox flanged (2 passes)	24															
Evaporator marine waterbox flanged (1 pass)	24a															
Evaporator marine waterbox flanged (3 passes)	25															
Condenser double flanges kit	26															
Evaporator water side design pressure (10 Bar)	27										STD	STD	STD	STD	STD	STD
Evaporator water side design pressure (16 Bar)	28															
20mm evaporator insulation	29		STD	STD	STD	STD	STD	STD	STD	Option	Option	STD	STD	Option	Option	Option
Axial fans (100 Pa lift)	30															
McQuiet	31															
Axial fans (250 Pa lift)	32				CF						CF	CF	CF	CF	CF	CF
20mm condenser insulation	33															
Fan silent mode	34															
Fans Speed Control Device (Phase Cut)	35															
Condenser victaulic kit	36															
Condenser flange kit	37															
Condenser marine waterbox victaulic (2 passes)	38															
Condenser marine waterbox victaulic (1 pass)	38a															
Condenser marine waterbox victaulic (3 passes)	39															
Condenser marine waterbox flanged (2 passes)	40															
Condenser marine waterbox flanged (1 pass)	40a															
Condenser marine waterbox flanged (3 passes)	41															
Speedtrol (fan speed control device ON/OFF up to 18°C)	42				Option	Option				Option	Option	Option	Option		Option	Option
Speedtrol (fan speed control device ON/OFF down to 10°C in cooling)	42a						Option	Option								
Condenser coil guards	43				Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Evaporator area guards	44				Option	Option	Option	Option	Option							
CuCu condenser coil	45				Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
CuCuSn condenser coil	46				Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Condenser water side design pressure (16 Bar)	47															
Condenser water side design pressure (10 Bar)	47a															
Alucoat fins coil	49			STD	Option	Option	STD	STD	STD	Option	Option	Option	Option	Option	Option	Option
CuNi 9010 condenser tubes	50															
Condenser 1 pass (ΔT 48 °C)	51															
Condenser 2 passes (ΔT 48 °C)	52															
Condenser 2 passes (ΔT 915 °C)	53															
Condenser 4 passes	54															
Water pressure differential switch on condenser	55															
Water pressure differential switch on evaporator	56											STD	STD			
Evaporator electric heater	57	Option	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
Evaporator flow switch	58		Option	Option	STD	STD	STD	STD	STD	Option	Option	Option	Option	Option	Option	Option
Condenser flow switch	59															
Electronic expansion valve	60		STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
Discharge line shutoff valve	61				Option	Option	Option	Option	Option	STD	STD	STD	STD	STD	STD	STD
Suction line shutoff valve	62				Option	Option	Option	Option	Option	STD	STD	STD	STD	STD	STD	STD

(1) Option 08 includes option 29 and option 146 - (2) Option 99(a) includes 'Fan overload protection' - (3) Piping between the inertial tank and the unit is not included. Electric heater power supply has to be provided from external source -
(4) The order of inverter compressor will have an impact on the delivery time: please contact the factory - (5) Unit performance will be affected; contact factory for information. It is mandatory to order the option 26 when selecting CU-Ni 90-10 condenser tubes - (6) Sound proof system - compressor enclosure - (7) Compressor enclosure - (8) Soundproof cabinet will be supplied in a separate kit and not assembled. For better performance the cabinet will be integral kind (around the whole chiller, not only around compressors). Cabinet assembly is not included in the supply (9) Special transport is required (flat rack truck and open top when option 01 is selected) for model sizes as follows: EWWDC12I-SS - EWWDC18I-SS (10) Forklift loading-unloading operations are not allowed when option 01 is selected for model sizes as follows: EWWDC12I-SS - EWWDC18I-SS - (11) Special Transport is required (flat rack truck and open top) for model sizes as follows: EWLDC10I-SS - EWLDC17I-SS or EWWQC11B-SS - EWWQC20B-SS or EWWQC10B-XS, EWWQC12B-XS - EWWQC21B-XS - (12) Forklift loading-unloading operations are not allowed for model sizes as follows: EWLDC10I-SS - EWLDC17I-SS or EWWQC11B-SS - EWWQC20B-SS or EWWQC10B-XS, EWWQC12B-XS - EWWQC21B-XS - (13) STD only for single circuit unit (14) STD only for Premium and High efficiency version - (15) Option 07a includes option 33 (20mm condenser insulation) - (16) Option 111 contains option 07a (Heat pump version, including pursuit mode) and option 33 (20mm condenser insulation)
CF = Contact the factory - STD = Standard - SO = Specify at Order entry - NC = No additional cost

Options - Medium and large chillers (Part 1)

EWAD-D-HS	EWAD-C-	EWAD-CZ	EWAD-TZ	EWAD-TZB	EWAQ-GZ	EWAD-CF	EWYD-BZSS	EWYD-BZSL	ERAD-E-	EWWQ-B-	EWWD-J-SS	EWWD-G-	EWWD-I-SS	EWWD-I-XS	EWWD-H-XS	EWWD-VZ	EWLD-J-SS	EWLD-G-SS	EWLD-I-SS	EWWD-FZXS
Option	Option	Option	Option	Option					Option			Option	Option							
Option																				
Option	Option	Option	Option	Option			Option	Option	Option	Option		Option	Option	Option				Option		
STD	STD					STD			STD	STD	STD	STD	STD	STD	STD		STD	STD	STD	
Option	Option					Option			Option	Option	Option(4)	Option	Option	Option	Option		Option(4)	Option	Option	
															Option					
											Option	Option	Option	Option		Option				
Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	NCSO	Option	Option	Option	Option	
STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD		STD	STD	
Option	Option	STD	STD	STD		Option			Option	Option	Option	Option	Option	Option	Option	STD		Option	Option	
STD	STD	STD	STD	STD	Option	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
		STD	STD	STD			STD	STD								STD				STD
Option	Option	Option	STD	STD	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	STD	Option	Option	Option	
Option	Option	Option			Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option		Option	Option	Option	Option
			Option	Option												Option				
Option	Option					Option			Option	Option	Option	Option	Option	Option	Option			Option	Option	
Option	Option	Option				Option	Option	Option	Option	Option	Option	Option	Option	Option	Option		Option	Option	Option	STD
	STD	STD	STD	STD	STD		STD	STD		STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
	Option	Option	Option	Option		STD														
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STD										STD		STD	STD	STD	STD	STD		STD	STD	STD
STD	STD	STD	STD	STD	STD	STD	Option	Option		Option	STD	Option	Option	Option	STD	STD	STD	Option	Option	STD
CF																				
										Option	Option	Option	Option	Option	Option	Option				Option
										Option	STD	Option	Option	Option	STD	STD				STD
															Option					CF
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	Option	Option			Option	Option														
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Option	Option	Option	Option		Option	Option	Option	Option	Option											
										STD	STD	STD	STD	STD						
															STD	STD				STD
Option	Option	Option	Option			Option	Option	Option	Option											
										Option	Option(5)	Option (5)	Option (5)	Option (5)	Option (5)	Option		Option (5)		Option (5)
												STD	STD		NCSO	STD		STD		
											STD			STD	STD					STD
													NCSO							
														NCSO						
															Option					STD
STD					STD										Option					STD
STD	STD	STD	STD	STD	STD	STD	STD	STD		Option										
Option	Option	Option	Option	Option		Option	Option	Option		Option	STD	Option	Option	Option	Option	Option	STD	Option	Option	Option
															Option	Option				Option
STD	STD	STD	STD	STD	STD	STD	STD	STD		STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
STD	STD	STD	STD	STD	Option	STD	STD	STD	STD	Option	STD	STD	Option	Option	STD	Option	STD	STD	Option	
STD	Option	STD	STD	STD	Option	Option	STD	STD	STD	Option	STD	STD	Option	Option	Option	Option	STD	STD	Option	Option

Description	Code	EWAQ~BAW EWYQ~BAW	EWAQ-G-	EWYQ-G-	EWAQ-E-XS EWAQ-F-SS/XS	EWAQ-E-XL/XR EWAQ-F-SL/ XR/XL/XR	EWYQ-F-XS	EWYQ-F-XL	EWYQ-F-XR	EWAD-E-	EWAD-D-SS	EWAD-D-SL	EWAD-D-SR	EWAD-D-SX	EWAD-D-XS	EWAD-D-XR
High pressure side manometers	63				Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Low pressure side manometers	64				Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Ambient outside temperature sensor and setpoint reset	67		STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
Hour run meter	68		STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
General fault contactor	69		STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
Container Kit	71		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Rubber anti vibration mounts	75		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Sound proof system	76															
Sound proof system (integral)	76-a															
Sound proof system (compressor)	76-b															
Spring anti vibration mounts	77		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
One centrifugal pump (low lift)	78	Option	Option	Option						Option						
One centrifugal pump --- SPK1	78-a				Option	Option	Option	Option	Option			Option	Option			
One centrifugal pump --- SPK2	78-b				Option	Option	Option	Option	Option			Option	Option			
One centrifugal pump --- SPK3	78-c				Option	Option	Option	Option	Option			Option	Option			
One centrifugal pump --- SPK4	78-d				Option	Option	Option	Option	Option			Option	Option			
One centrifugal pump --- SPK5	78-e										Option				Option	Option
One centrifugal pump --- SPK6	78-f										Option				Option	Option
One centrifugal pump --- SPK7	78-g										Option				Option	Option
One centrifugal pump --- SPK8	78-h										Option				Option	Option
One centrifugal pump --- SPK9	78-i														Option	
One centrifugal pump --- SPK10	78-j														Option	
One centrifugal pump --- SPK1a	78-l						Option	Option	Option							
One centrifugal pump --- SPK1b	78-m						Option	Option	Option							
One centrifugal pump --- SPK1c	78-n						Option	Option	Option							
One centrifugal pump (high lift)	79	Option	Option	Option						Option						
Two centrifugal pump (low lift)	80		Option	Option												
Two centrifugal pump --- DPK1	80-a											Option	Option			
Two centrifugal pump --- DPK2	80-b											Option	Option			
Two centrifugal pump --- DPK3	80-c											Option	Option			
Two centrifugal pump --- DPK4	80-d											Option	Option			
Two centrifugal pump --- DPK5	80-e										Option				Option	Option
Two centrifugal pump --- DPK6	80-f										Option				Option	Option
Two centrifugal pump --- DPK7	80-g										Option				Option	Option
Two centrifugal pump --- DPK8	80-h										Option				Option	Option
Two centrifugal pump (high lift)	81		Option	Option												
Witness test	82															
External tank without cabinet (500 L)	83 (3)		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
External tank without cabinet (1000 L)	84 (3)		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
External Tank (500 L) With CABINET RAL 7042	85															
External Tank (1000 L) With CABINET RAL 7042	86															
External tank with cabinet (500 L)	87 (3)		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
External tank with cabinet (1000 L)	88 (3)		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Acoustic test	89															
Setpoint reset, Demand limit and Alarm from external device	90				Option	Option	Option	Option	Option	STD	STD	STD	STD	STD	STD	STD
Double pressure relief valve with diverter	91		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
PW COMPRESSOR - PART WINDING START	92															
Low ambient kit for 1 circuit	93															
Low ambient kit for 2 circuits	94															
Compressors circuit breakers	95		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Fans circuit breakers	96		Option	Option	Option	Option	Option	Option		STD	STD	STD	STD	STD	STD	STD
Main switch interlock door	97		STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
Emergency stop	98															
Fans speed regulation (+ fan silent mode)	99 (2)				Option	Option				Option	Option	Option	Option	STD	Option	Option
Fans speed regulation (inverter)	99a (2)						Option	Option	STD							
Refrigerant recovery unit	100															
Evaporator right water connections	101										SO	SO	SO	SO	SO	SO
Ground fault relay	102				Option	Option	Option	Option	Option							
Evaporator 1 pass	103															
Evaporator 2 passes	103a															
Evaporator 3 passes	103b															
Evaporator double flange kit	104															
Liquid receiver	105															
Evaporator right water connections	106															
Rapid restart	110															
High temperature kit	111															
Transport kit	112		Option	Option	Option	Option	Option	Option		Option	Option	Option	Option	Option	Option	Option
Optimized free cooling (VFD fans regulation)	113-a															
Optimized free cooling (On/Off fans)	113-b															
Nordic kit	114			Option			Option	Option	Option							
Water filter	115		Option	Option	STD	STD	STD	STD	STD							
Condenser coil protection panels	116				Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Blygold coil treatment	117				Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Inverter kit for pump (SPK1-SPK6)	120a															
Inverter kit for pump (SPK7-SPK10)	120b															
Inverter kit for pumps (DPK2-DPK6)	120c															
Inverter kit for pumps (DPK7-DPK10)	120d															
Inverter kit for 1 centr pump low lift	120e															
Inverter kit for 1 centr pump high lift	120f															
Inverter kit for 2 centr pumps low lift	120g															
Inverter kit for 2 centr pumps high lift	120h															
Refrigerant leak detection	121															
Discharge and suction line shut-off valve	126		Option	Option												
High and low pressure side manometers	127		Option	Option												
Master/slave	128		STD	STD	STD	STD	STD	STD	STD							
One centrifugal pump (low lift) + tank	134		Option	Option												
One centrifugal pump (high lift) + tank	135		Option	Option												
Two centrifugal pump (low lift) + tank	136		Option	Option												
Two centrifugal pump (high lift) + tank	137		Option	Option												
Coil guard	138		Option	Option												
E-coating microchannel coils	139		Option													
Unit guards (to cover unit access)	140															
Side panels on coil ends	141															
High ambient kit (operatin 46°C)	142															
Variable primary flow	143															
Diff pressure transd (shipped loose)	144															
EC motor fans	145															
Compressor thermal insulation	146															
Knock-down electrical panel	147															
Automatic transfer switch (free standing)	149															
Inverter EN61800-3 class C2 compliant	150															
Rubber pads	152															
Blue coat	153															

EWAD-D-HS	EWAD-C-	EWAD-CZ	EWAD-TZ	EWAD-TZ B	EWAQ-GZ	EWAD-CF	EWYD-BZSS	EWYD-BZSL	ERAD-E-	EWWQ-B-	EWWD-J-SS	EWWD-G-	EWWD-I-SS	EWWD-I-XS	EWWD-H-XS	EWWD-VZ	EWLD-J-SS	EWLD-G-SS	EWLD-I-SS	EWWD-FZXS
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Accessories - Chillers

	Air-cooled chillers							
Panels	**EWA/YQ-BA SEHVX+SERHQ**	**EWAQ-E- EWA/YQ-F-**	**EWYD~BZ**	**EWAQ~GZ**	**EWAD~E- ERAD~E-**	**EWAD~D-**	**EWAD~C-**	**EWAD~CZ**
EKDSSP*** (a) Serial Sequencing Panel			●					
EKDSSP-S*** Serial Sequencing Panel (Siemens)		●		●	●	●	●	●
EKDDSP Digital Sequencing Panel		●	●	●	●	●	●	●
EKPWPRO PlantWatchPRO monitoring system			●					
EKPWPROM PlantWatchPRO monitoring system (modem & webserver included)			●					

	Air-cooled chillers							
Serial Cards & Communication Modules	**EWAQ~BA EWYQ~BA**	**EWAQ-E- EWA/YQ-F-**	**EWYD~BZ**	**EWAQ~GZ**	**EWAD~E- ERAD~E-**	**EWAD~D-**	**EWAD~C-**	**EWAD~CZ**
EKAC200J Serial Card RS485/Modbus			●					
EKACBAC Ethernet Card BACnet			●					
EKACLONP Serial Card LON FTT 10			●					
EKACRS232 Serial Card RS232 Modem Interface (single unit only)			●					
EKACWEB Web Server Card			●					
EKACBACMSTP Serial Card BACnet MSTP			●					
EKACBACCERT Serial Card BACnet pre-loaded (centrifugal chillers)								
EKACMSTPCERT Serial Card BACnet pre-loaded MSTP (centrifugal chillers)								
EKMBDXA7V1 ModBus Interface DIII	●							
EKCM200J ModBus RTU communication module		●		●	●	●	●	●
EKCMLON LON communication module		●		●	●	●	●	●
EKCMBACMSTP BACnet/MSTP communication module		●		●	●	●	●	●
EKCMBACIP BACnet/IP communication module		●		●	●	●	●	●

	Air-cooled chillers							
Other Systems & Accessories	**EWAQ~BA EWYQ~BA**	**EWAQ-E- EWA/YQ-F-**	**EWYD~BZ**	**EWAQ~GZ**	**EWAD~E- ERAD~E-**	**EWAD~D-**	**EWAD~C-**	**EWAD~CZ**
EKCON Converter RS485 to RS232			●					
EKCONUSB Converter RS485 to USB			●					
EKMODEM Fixed modem			●					
EKGSMOD GSM modem			●					
EKRUPCJ Remote display kit			●					
EKRUPCS Local/remote display HMI		●		●	●	●	●	●
EKPWPROEXT PlantWatchPro I/O extension module for hardwiring and retrofit			●					
EKGWWEB Gateway web (Ethernet LAN SNMP)			●					
EKGWMODEM Gateway for modem								
EKAC10C (c) Address card for connection to BMS or Remote user interface								
EKRUMCA (b) Remote installed user interface								
EHMC* Hydraulic module								
EKLS1 Low noise kit - 014 version								
EKLS2 Low noise kit - 022-195 version								
ECB2MUAW Controller kit (for modular units)								
ECB3MUAW Controller kit (for modular units)								
EKRP1AHT Digital input/output PCB	●							
EKRUAHTB Remote user interface	●							
DTA104A62 External control adapter	●							
BHGP26A1 Digital pressure gauge kit	●							
RTD-W BMS integration	●							
EKCC8-W Universal centralised controller	●							

Notes:
(a) Serial Sequencing Panel working in cooling mode only with EWYD~BZ and EWYQ~F-ranges
(b) To install EKRUMCA -> EKAC10C needs to be installed
(c) EKAC10C allows direct connection to MODBUS BMS system

		Water-cooled chillers								Centrifugals
EWAD~CF	EWAD~TZ(B)	EWWP~KBW1N EWLP~KBW1N	EW_Q-G- EW_Q-L-	EWWD~G- EWLD~G-	EWWD~I- EWLD~I-	EWWD~J- EWLD~J-	EWWQ~B-	EWWD~H-	EWWD-VZ	DWSC & DWDC EWWD~FZ
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		Water-cooled chillers								Centrifugals
EWAD~CF	EWAD~TZ(B)	EWWP~KBW1N EWLP~KBW1N	EW_Q-G- EW_Q-L-	EWWD~G- EWLD~G-	EWWD~I- EWLD~I-	EWWD~J- EWLD~J-	EWWQ~B-	EWWD~H-	EWWD-VZ	DWSC & DWDC EWWD~FZ
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		Water-cooled chillers								Centrifugals
EWAD~CF	EWAD~TZ(B)	EWWP~KBW1N EWLP~KBW1N	EW_Q-G- EW_Q-L-	EWWD~G- EWLD~G-	EWWD~I- EWLD~I-	EWWD~J- EWLD~J-	EWWQ~B-	EWWD~H-	EWWD-VZ	DWSC & DWDC EWWD~FZ
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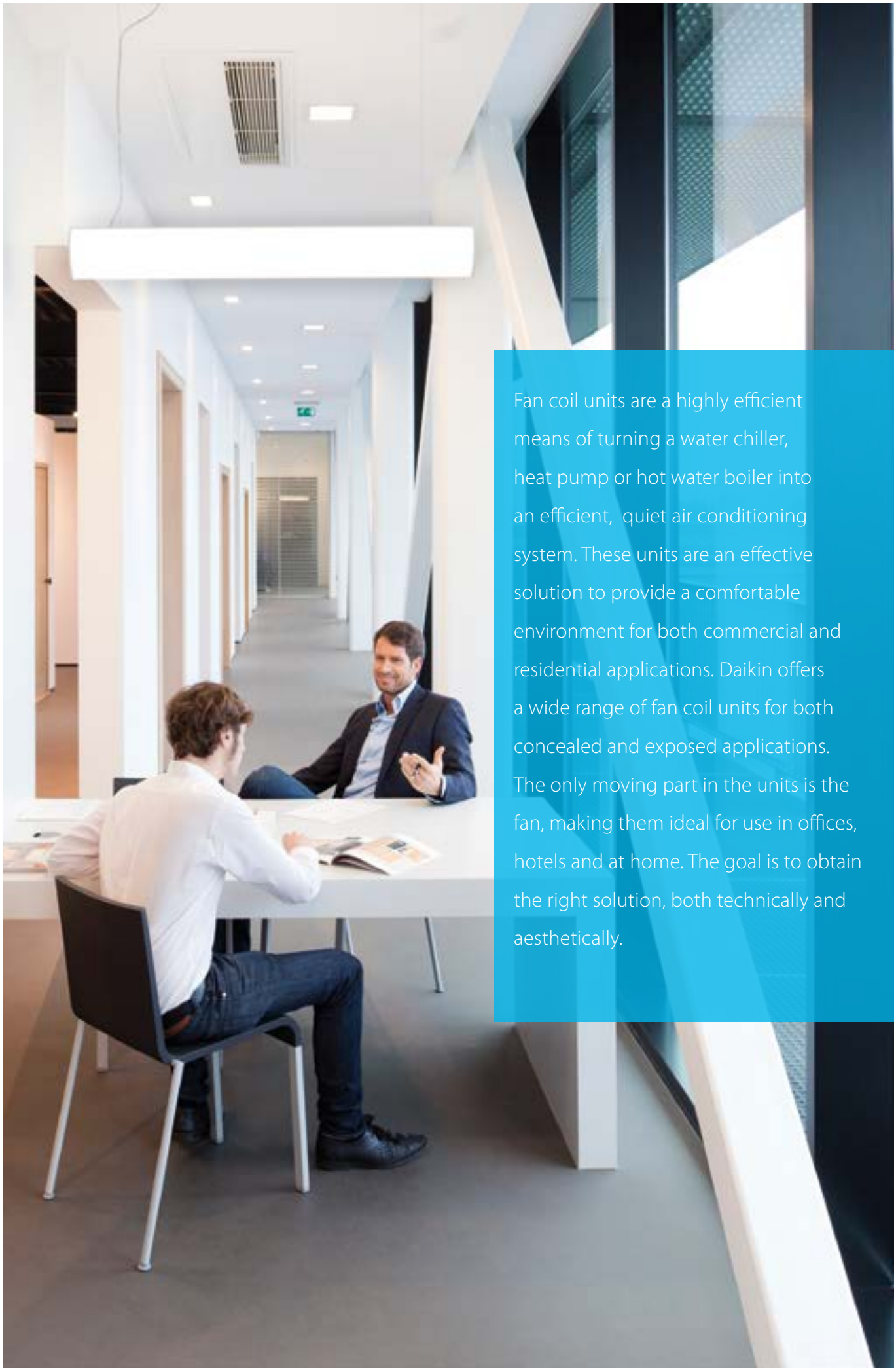

Fan coil units are a highly efficient means of turning a water chiller, heat pump or hot water boiler into an efficient, quiet air conditioning system. These units are an effective solution to provide a comfortable environment for both commercial and residential applications. Daikin offers a wide range of fan coil units for both concealed and exposed applications. The only moving part in the units is the fan, making them ideal for use in offices, hotels and at home. The goal is to obtain the right solution, both technically and aesthetically.

Fan coil units

Why choose Daikin fan coil units? 498

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FWF-CT		505
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FWL-DAT/DAF		509
FWS-AT/AF		510
FWM-DAT/DAF		511
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FWP-AT	medium ESP	514
FWB-BT	medium ESP	515
NEW FWN-AT/AF	medium ESP	516
FWD-AT/AF	high ESP	517

Options & accessories 518

Fan coil units with BLDC motor

As more buildings undergo renovation, the need to be able to deliver high indoor air quality in a specific space in an **efficient and cost-effective way** without having to do a radical re-fit of the entire HVAC system has made fan coil technology an obvious solution.

Daikin has a full capacity range of **aesthetically pleasing** fan coil units with advanced controls that reliably deliver **excellent comfort levels**. And by using a refined range of advanced DC fan motors, we are able to offer flexibility while maintaining very low noise levels.

Why choose Daikin fan coil units?

- The new brushless DC ranges reflect Daikin's commitment to developing highly efficient fan coil units that help to reduce energy consumption, without compromising on reliability and performance.
- High level quality is written large for us and we are pleased to offer high technology solutions to the market.

Benefits for the installer

› Reduced amount of sizes: less stock space needed
› Modular designs for multiple configurations
› Easy integration in BMS system via modbus protocol

Benefits for the consultant

› Best solution in the market in order to have top efficiency, best comfort and lowest sound levels
› Product flexibility: wide range of options, accessories and controls

Benefits for the end user

› High comfort level
› Up to 70% savings on running costs with a BLDC fan motor
› Controller with timer programmed operating mode
› FWECSA controller that can satisfy all customer requirements in terms of FCU management

Fan coil unit software

Select your unit via our selection software
› Selection logic is based on cooling and/or heating mode conditions entered by the user
› A detailed report including technical specifications and wiring diagram can be printed.

Download the software from the business portal. Fan coil selection is available in the software finder.

Payback tool

Prove quickly the saving in electric costs using the new BLDC motor technology compared to the AC motor technology via our payback tool. The tool can be downloaded from the business portal. Search for: BLDC payback tool

BLDC fan motors Video

Learn more on the advantages of BLDC fan motors in Fan coil units:

Check on
YouTube
www.youtube.com/DaikinEurope

Benefits of brushless inverter technology on fan coil units:

Higher efficiency than AC (Alternative Current) motor

› Up to 70% energy savings
› No heat generation
› No power losses
› Higher efficiency than AC motors to reach set point

High comfort level

› Less fluctuation of air temperature and relative humidity
› More consistent output level
› Stepless speed change for gradual air output
› More accurate adjustments to reach set point

Low sound levels

› Lower minimum rotation speed
› No start-stop sequence
› Gradual air output

High flexibility level

› Multiple configurations: cassettes, floorstanding units, flexi type units with or without cabinet and ducted units
› Wide capacity range in heating and cooling
› Different piping topologies and connection valves

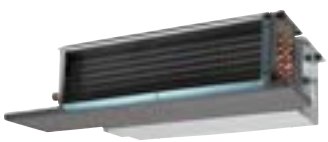
FWN-AT/AF

FWG-AT/AF

FWR-AT/AF

FWS-AT/AF

FWC-BT/BF


FWP-AT

FWZ-AT/AF

Products overview

Type	Model	Product name		Fan motor type	Capacity
Round flow cassette	Round flow cassette - 900 x 900 cassette - 360° air discharge ensures uniform air flow - Integrated fresh air intake - Easy installation in corners - Standard drain pump with 850 mm lift	FWC-BT/BF		BLDC	Cooling: 4.0 - 8.7 kW Heating: 5.5 -12.1 kW
4-way blow ceiling mounted cassette	4-way blow ceiling mounted cassette - 900 x 900 cassette - High efficiency, continuous air flow regulation and fan speed modulation - Reduced sound emissions - Easy installation and maintenance	FWG-AT/AF		BLDC	Cooling: 2.0~ 11.75 kW Heating: 3.3~ 15.65 kW
	4-way blow ceiling mounted cassette - 600 x 600 cassette - Integrated fresh air intake - Horizontal auto swing - Easy installation in corners - Standard drain pump with 750 mm lift	FWF-BT/BF		AC	Cooling: 1.4 - 5.2 kW Heating: 2.3 - 6.7 kW
	4-way blow ceiling mounted cassette - 600 x 600 cassette - Easy installation and maintenance - High power air flow - Standard drain pump with 700 mm lift	FWF-CT		AC	Cooling: 1.91 - 4.54 kW Heating: 2.64 - 5.28 kW
Floor standing units	Floor standing unit - For vertical mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	FWZ-AT/AF		BLDC	Cooling: 2.64 - 10.08 kW Heating: 2.46 - 11.18 kW
	Floor standing unit - For horizontal or vertical concealed mounting - Insulated valve packages, no extra drain pan required - Fast-on connections for electrical options: no tools needed - Easy maintenance	FWV-DAT/DAF		AC	Cooling: 1.46 -8.02 kW Heating: 1.90 - 10.03 kW
Flexi type units	Flexi type unit - For horizontal or vertical mouting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	FWR-AT/AF		BLDC	Cooling: 2.64 - 10.08 kW Heating: 2.46- 11.18 kW
	Flexi type unit - For horizontal or vertical concealed mounting - Insulated valve packages, no extra drain pan required - Fast-on connections for electrical options: no tools needed - Easy maintenance	FWL-DAT/DAF		AC	Cooling: 1.46 - 8.02 kW Heating: 1.90 - 10.03 kW
	Concealed flexi type unit - For horizontal or vertical concealed mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	FWS-AT/AF		BLDC	Cooling: 2.64 - 10.08 kW Heating: 2.46 - 11.18 kW
	Concealed flexi type unit - For horizontal or vertical concealed mounting - Insulated valve packages, no extra drain pan required - Fast-on connections for electrical options: no tools needed - Easy maintenance	FWM-DAT/DAF		AC	Cooling: 1.46 -8.02 kW Heating: 1.90 - 10.03 kW
Wall mounted unit	Wall mounted unit - High aesthetic cabinet design - Optimum air distribution - Easy installation - 3-speed fan motor	FWT-CT		AC	Cooling: 2.43 - 5.28 kW Heating: 3.22 - 7.33 kW
Ducted units	Ducted unit with low ESP - For horizontal concealed mounting - Available static pressure up to 30 Pa - Easy installation and maintenance - 4-speed fan motor - High power air flow	FWE-CT/CF		AC	Cooling: 2.10 - 9.96 kW Heating: 2.3 - 13.00 kW
	Ducted unit with medium ESP - For horizontal concealed mounting - Instant adjustment to temperature and relative humidity changes - Available static pressure up to 70 Pa - Low sound levels	FWP-AT		BLDC	Cooling: 2.61 - 6.47 kW Heating: 5.47 - 12.28 kW
	Ducted unit with medium ESP - For horizontal concealed mounting - Available static pressure up to 60 Pa - 7-speed electrical motors (thermal protection on windings) - Easy maintenance	FWB-BT		AC	Cooling: 2.61 - 10.34 kW Heating: 5.47 - 18.78 kW
	Ducted unit with medium ESP - For horizontal or vertical concealed mounting - Avaiable static pressure up to 70 Pa - Easy maintenance	FWN-AT/AF		BLDC	Cooling: 2.83 - 8.75 kW Heating: 3.63 - 18.10 kW
	Ducted unit with high ESP - For horizontal or vertical concealed mounting - Available static pressure from 60 up to 145 Pa - Easy maintenance	FWD-AT/AF		AC	Cooling: 3.90 - 18.30 kW Heating: 4.05 - 21.92 kW

Capacity class

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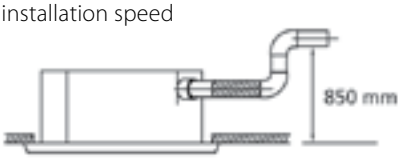
Round flow cassette

BLDC fan motor unit for ceiling mounting. 360° air discharge

- 360° air discharge ensures **uniform air flow** and temperature distribution
- Modern style decoration panel in white (RAL9010)
- **Fresh air intake integrated** in the same system thus reducing installation cost as no additional ventilation is required
- Comfortable horizontal air discharge ensures **draughtfree operation** and prevents ceiling soiling
- Possibility to shut 1 or 2 flaps for **easy installation in corners**

- Standard drain pump with 850mm lift increases flexibility and installation speed



FWC-BT/BF

BRC315D7

BRC7E532F/533F

			FWC-BT/BF	06	07	08	09	06	07	08	09
				2-pipe				4-pipe			
Cooling capacity	Total capacity	Super high	kW	5.8	6.8	7.7	8.7	5.8	6.6	7.6	8.7
		High	kW	5.0	5.6	6.3	7.2	4.9	5.6	6.3	7.2
		Low	kW	4.1	4.7	4.9	5.7	4.0	4.6	4.8	5.7
	Sensible capacity	Super high	kW	4.1	4.7	5.6	6.5	4.1	4.7	5.6	6.5
		High	kW	3.4	4.0	4.5	5.3	3.4	3.9	4.4	5.2
		Low	kW	2.8	3.3	3.5	4.1	2.7	3.2	3.4	4.0
Heating capacity	2-Pipe	Super high	kW	8.0	8.9	10.6	12.1	-			
		High	kW	6.3	7.1	8.3	9.5	-			
		Low	kW	5.5	5.9	6.9	7.8	-			
	4-Pipe	Super high	kW	-				7.5	8.4	9.7	11.0
		High	kW	-				6.2	6.8	7.8	8.8
		Low	kW	-				5.5	5.9	6.7	7.8
Power input	Super high		W	45	54	77	107	46	55	77	107
	High		W	40	46	58	76	41	47	59	77
	Low		W	34	37	39	45	35	38	40	46
Dimensions	Unit	Height	mm	288							
		Width	mm	840							
		Depth	mm	840							
Weight	Unit		kg	26				29			
Fan	Type			Turbo fan							
	Quantity			1							
	Air flow rate	High	m^3/h	1,062	1,236	1,518	1,776	1,032	1,200	1,476	1,746
		Low	m^3/h	720	840	888	1,044	684	804	852	1,014
Sound power level	Super high		dBA	43	47	53	57	43	47	53	57
	High		dBA	36	39	44	49	36	39	44	49
Sound pressure level	Super high		dBA	29	33	39	43	29	33	39	43
	High		dBA	24	28	32	37	24	28	32	37
Piping connections	Drain	OD	mm	VP25 (External dia.32 / internal dia. 25)							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240							
Control systems	Infrared remote control			BRC7E532F / BRC7E533F							
	Wired remote control			BRC315D7							

4-way blow ceiling mounted cassette

BLDC fan motor unit for ceiling mounting. High efficiency, continuous air flow regulation and fan speed modulation

› Up to 70% **energy savings** with brushless DC motor technology compared to traditional technology
› Instant adjustment to temperature and relative humidity changes
› Continuous modulation of fan speed resulting in **reduced sound emissions**, in comparison with fixed speed AC motor fan coil units
› **Easy installation and maintenance**

FWG-AT/AF

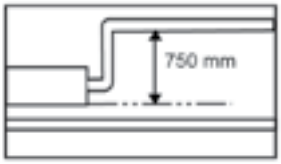
BRC51A61

				FWG-AT/AF	05	08	11	05	08	11
					2-pipe			4-pipe		
Cooling capacity	Total capacity	High	kW		5.90	8.80	11.75	4.40	7.20	9.00
		Medium	kW		4.65	7.25	9.70	3.60	6.10	7.75
		Low	kW		3.50	5.80	7.85	2.80	5.00	6.50
		Quiet	kW		2.40	4.55	6.15	2.00	3.90	5.20
	Sensible capacity	High	kW		4.51	6.43	8.37	3.85	5.75	7.17
		Medium	kW		3.44	5.41	6.97	2.99	4.85	6.06
		Low	kW		2.54	4.26	5.54	2.24	3.81	4.90
		Quiet	kW		1.71	3.22	4.27	1.56	2.91	3.89
Heating capacity	2-Pipe	High	kW		7.10	11.20	13.70		-	
		Low	kW		4.45	7.00	9.25		-	
		Quiet	kW		3.30	5.40	7.05		-	
	4-Pipe	High	kW			-		7.65	11.20	15.65
		Low	kW			-		5.05	8.00	11.45
		Quiet	kW			-		3.75	6.40	9.35
Dimensions	Unit	Height	mm		265		300	265		300
		Width	mm		820					
		Depth	mm		820					
Weight	Unit		kg		26	28	32	26	28	32
Heat exchanger	Water volume		l		1.36	1.97	2.35	1.36	1.97	2.35
Water pressure drop	Cooling	High	kPa		24	20	41	18	19	32
	Heating	High	kPa		21	18	37	22	32	52
Fan	Type				Direct drive turbo fan					
	Air flow rate	High	m^3/h		1,053	1,512	1,801	1,053	1,512	1,801
		Low	m^3/h		595	951	1,155	595	951	1,155
Sound power level	High		dBA		46	57	59	46	57	59
	Quiet		dBA		30	40	43	30	40	43
Sound pressure level	High		dBA		37	47	51	37	47	51
Piping connections	Drain	OD	mm		19.05					
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240					
Control systems	Infrared remote control				included with decoration panel					
	Wired remote control				BRC51A61					

4-way blow ceiling mounted cassette

AC fan motor unit for ceiling mounting.
Possibility to shut 1 or 2 flaps

- Modern style decoration panel in white (RAL9010)
- Compact casing enables unit to fit flush into ceilings and match standard architectural modules
- Comfortable horizontal auto swing ensures **draughtfree operation** and prevents ceiling soiling
- **Fresh air intake integrated** in the same system thus reducing installation cost as no additional ventilation is required
- Standard drain pump with **750mm lift**



FWF-BT/BF

BRC315D7

BRC7E530/531

			FWF-BT/BF	02	03	04	05	02	03	04	05
				2-pipe				4-pipe			
Cooling capacity	Total capacity	Super high	kW	2.0	3.2	4.2	5.2	2.0	2.7	3.5	4.5
		High	kW	1.7	2.8	3.3	4.0	1.7	2.3	2.8	3.5
		Low	kW	1.5	2.5		2.9	1.4	1.8		2.6
	Sensible capacity	Super high	kW	1.5	2.0	2.8	3.5	1.5	1.7	2.4	3.3
		High	kW	1.3	1.7	2.1	2.7	1.3		1.7	2.3
		Low	kW	1.1	1.4		1.8	1.1	1.0		1.5
Heating capacity	2-Pipe	Super high	kW	2.9	4.0	5.4	6.7	-			
		High	kW	2.6	3.4	4.1	5.3	-			
		Low	kW	2.3	2.8		3.6	-			
	4-Pipe	Super high	kW	-				3.9	3.8	4.9	6.1
		High	kW	-				3.1	3.3	3.9	4.8
		Low	kW	-				2.3	2.8		3.5
Power input	Super high		W	74		90	118	74		94	121
	High		W	67		70	89	67	62	74	93
	Low		W	60		55	62	60	55		66
Dimensions	Unit	Height	mm	285							
		Width	mm	575							
		Depth	mm	575							
Weight	Unit		kg	19				20			
Fan	Type			Turbo fan							
	Quantity			1							
	Air flow rate	High	m^3/h	468		660	876	468	438	618	822
		Low	m^3/h	318			420	318	300		390
Sound power level	Super high		dBA	44		50	55	44	46	52	57
	High		dBA	40		44	49	40	42	46	51
Sound pressure level	Super high		dBA	31		40	45	31	33	42	47
	High		dBA	27		33	39	27	29	35	41
Piping connections	Drain	OD	mm	VP20 (External dia.26 / Internal dia. 20)							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-440							
Control systems	Infrared remote control			BRC7E530 / BRC7E531							
	Wired remote control			BRC315D7							

4-way blow ceiling mounted cassette

AC fan motor unit for ceiling mounting

- 4 way air discharge and air swing
- Compact casing enables unit to fit flush into ceilings and match standard architectural modules
- **Air suction from underneath**
- Easy installation and maintenance
- Built-in high pressure drain pump with **700mm lift**
- Double-intake centrifugal fans
- High power air flow
- 3-speed fan motor

FWF-CT

MERCA

SRC-HPA

			FWF-CT	02	03	04
				2-pipe		
Cooling capacity	Total capacity	High	kW	2.49	4.10	4.54
		Low	kW	1.91	2.78	3.37
	Sensible capacity	High	kW	1.91	2.93	3.37
		Low	kW	1.49	1.88	2.43
Heating capacity	2-Pipe	High	kW	3.52	4.69	5.28
		Low	kW	2.64	3.08	3.81
Power input	High		W	63	64	79
	Low		W	45	52	69
Dimensions	Unit	Height	mm	250		
		Width	mm	570		
		Depth	mm	570		
Weight	Unit		kg	22	23	
	Operation weight		kg	22	23	
Fan	Type			Direct drive turbo fan		
	Quantity			1		
	Air flow rate	High	m^3/h	646	680	748
		Low	m^3/h	391	374	476
Sound power level	High		dBA	52	54	56
Sound pressure level	High		dBA	42	45	48
Piping connections	Drain	OD	mm	19.05		
Water connections	Std. heat exchanger		inch	3/4		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-440		
Current input	High		A	0.27	0.28	0.34
	Medium		A	0.22	0.25	0.31
	Low		A	0.19	0.22	0.35
Control systems	Infrared remote control			included with decoration panel		
	Wired remote control			MERCA/SRC-HPA		

Floor standing unit

BLDC fan motor unit for vertical mounting. Continuous air flow regulation and fan speed modulation

- Up to 70% **energy savings** with brushless DC motor technology compared to traditional technology
- **Instant adjustment** to temperature and relative humidity changes
- **Low operating sound level**
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Requires **very little installation space**

			FWZ-AT/AF	02	03	06	08	02	03	06	08
				2-pipe				4-pipe			
Cooling capacity	Total capacity	Min.	kW	0.61	0.88	1.19	1.79	0.60	0.88	1.19	1.79
		Max.	kW	2.64	4.96	6.32	10.08	2.64	4.96	6.32	10.08
	Sensible capacity	Min.	kW	0.41	0.58	0.79	1.20	0.40	0.58	0.79	1.20
		Max.	kW	1.95	3.60	4.80	7.43	1.95	3.60	4.80	7.43
Heating capacity	2-Pipe	Min.	kW	0.69	0.95	1.29	1.92	-			
		Max.	kW	3.47	6.40	7.51	11.18	-			
	4-Pipe	Min.	kW	-				0.82	1.18	1.76	2.83
		Max.	kW	-				2.46	4.19	6.45	10.06
Power input	Min.		W	2.2		3.4	4.2	2.2		3.24	4.2
	Max.		W	57.4	82.7	101.4	147	57.4	82.7	101.4	147
Dimensions	Unit	Height	mm	564							
		Width	mm	774	987	1,194	1,404	774	987	1,194	1,404
		Depth	mm	226		251		226			251
Weight	Unit		kg	20	25	31	41	21	26	33	44
Heat exchanger	Water volume		l	0.7	1	1.4	2.1	0.7	1	1.4	2.1
Additional heat exchanger	Water volume		l	-				0.2	0.3	0.4	0.6
Water flow	Cooling		l/h	454	853	1,084	1,728	454	853	1,084	1,728
	Heating		l/h	454	853	1,084	1,728	216	367	565	882
Fan	Type			Centrifugal multi-blade, double suction							
	Quantity			1	2			1	2		
	Air flow rate	Max.	m^3/h	560	900	1,200	1,660	560	900	1,200	1,660
		Min.	m^3/h	70	95	130	200	70	95	130	200
Sound power level	Max.		dBA	62	70	64	71	62	70	64	71
Piping connections	Drain	OD	mm	16							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230							
Current input	Max.		A	0.50	0.72	0.88	1.27	0.50	0.72	0.88	1.27
	Min.		A	0.05		0.07	0.09	0.05		0.07	0.09
Control systems	Wired remote control			FWEC3A / FWECSA							

Floor standing unit

AC fan motor unit for vertical mounting

- **Pre-assembled 3-way/4-port on/off valves** are available
- **High efficiency** heat exchanger
- Valve packages are **insulated**, no extra drain pan required
- Valve packages contain balancing valves and sensor pocket
- Fast-on connections for electrical options: no tools needed
- **Washable air filter,** easily removable for maintenance
- Electric heater: no relay up to 2kW capacity
- Electric heater: equipped with two overheat cut-out thermostats

FWV-DAT/DAF

FWEC1,2,3A

FWECSA

ECFWMB6

			FWV-DAT/DAF	01	15	02	25	03	35	04	06	08	10	01	15	02	25	03	35	04	06	08	10
				2-pipe										4-pipe									
Cooling capacity	Total capacity	High	kW	1.54	1.74	1.96	2.42	2.93	3.51	4.33	4.77	6.71	8.02	1.46	1.69	1.79	2.38	2.87	3.46	4.26	4.67	6.64	7.88
		Low	kW	1.04	1.26	1.36	1.60	1.76	1.98	2.51	3.17	3.97	4.11	0.99	1.24	1.26	1.58	1.73	1.96	2.48	3.11	3.93	4.07
	Sensible capacity	High	kW	1.20	1.30	1.42	1.88	2.11	2.72	3.15	3.65	4.91	5.96	1.14	1.27	1.46	1.85	2.07	2.71	3.09	3.57	4.85	5.85
		Low	kW	0.79	0.95	1.00	1.18	1.26	1.45	1.80	2.32	2.84	3.05	0.75	0.93	0.98	1.17	1.24	1.44	1.78	2.28	2.82	3.02
Heating capacity	2-Pipe	High	kW	2.14	2.20	2.57	3.20	3.81	4.78	5.10	5.95	7.83	10.03	-									
		Low	kW	1.43	1.71	1.79	2.07	2.28	2.81	2.98	3.96	4.77	5.24	-									
	4-Pipe	High	kW	-										1.90	2.02	2.01	2.92	3.08	4.80	5.05	5.30	7.91	8.35
		Low	kW	-										1.50	1.56		2.06	2.18	3.21	3.60	4.04	5.69	5.50
Power input	High		W	37	53		57	56	98			182	244	37	53		57	56	98			182	244
	Low		W	21	25	24	29		37	38	47	86	109	21	25	24	29		37	38	47	86	109
Dimensions	Unit	Height	mm	564																			
		Width	mm	774			987		1,194			1,404		774			987		1,194			1,404	
		Depth	mm	226								251		226								251	
Weight	Unit		kg	19	20		25		30		31	41		20	21		26		32		33	44	
Heat exchanger	Water volume		l	0.5		0.7		1		1.4		2.1		0.5		0.7		1		1.4		2.1	
Additional heat exchanger	Water volume		l	-										0.2			0.3		0.4			0.6	
Water flow	Cooling		l/h	264	298	337	415	504	602	743	818	1,152	1,376	250	291	176	409	494	594	730	803	1,138	1,362
	Heating		l/h	264	298	337	415	504	602	743	818	1,152	1,376	167	177	182	257	270	421	443	465	694	733
Fan	Type			Centrifugal multi-blade, double suction																			
	Quantity			1			2							1			2						
	Air flow rate	High	m^3/h	319	344		442		640	706	785	1,011	1,393	307	330	327	432	431	628	690	763	998	1,362
		Low	m^3/h	178	211		241		320	361	470	570	642	174	205		238		316	356	460	565	636
Sound power level	High		dBA	47	49	50	48		52	53	56	61	67	45	49	50	48	47	51	56	59	60	66
Piping connections	Drain	OD	mm	16																			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230																			
Current input	High		A	0.17	0.24		0.26	0.25	0.44		0.43	0.82	1.10	0.17	0.24		0.26	0.25	0.44		0.43	0.82	1.10
	Medium		A	0.13	0.16		0.21	0.20	0.29		0.31	0.57	0.76	0.13	0.16		0.21	0.20	0.29		0.31	0.57	0.76
	Low		A	0.10	0.12	0.11	0.14		0.19		0.22	0.39	0.50	0.10	0.12	0.11	0.14		0.19		0.22	0.39	0.50
Control systems	Wired remote control			FWEC1A / FWEC2A / FWEC3A / FWECSA / ECFWMB6																			

Flexi type unit with cabinet

BLDC fan motor unit for horizontal or vertical mounting. Continuous air flow regulation and fan speed modulation

- Up to 70% **energy savings** with brushless DC motor technology compared to traditional technology
- **Instant adjustment** to temperature and relative humidity changes
- **Low operating sound level**
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Requires very **little installation space**

			FWR-AT/AF	02	03	06	08	02	03	06	08
				2-pipe				4-pipe			
Cooling capacity	Total capacity	Min.	kW	0.61	0.88	1.19	1.79	0.60	0.88	1.19	1.79
		Max.	kW	2.64	4.96	6.32	10.08	2.64	4.96	6.32	10.08
	Sensible capacity	Min.	kW	0.41	0.58	0.79	1.20	0.40	0.58	0.79	1.20
		Max.	kW	1.95	3.60	4.80	7.43	1.95	3.60	4.80	7.43
Heating capacity	2-Pipe	Min.	kW	0.69	0.95	1.29	1.92	-			
		Max.	kW	3.47	6.40	7.51	11.18	-			
	4-Pipe	Min.	kW	-				0.82	1.18	1.76	2.83
		Max.	kW	-				2.46	4.19	6.45	10.06
Power input	Min.		W	2.2		3.4	4.2	2.2		3.24	4.2
	Max.		W	57.4	82.7	101.4	147	57.4	82.7	101.4	147
Dimensions	Unit	Height	mm	564							
		Width	mm	774	987	1,194	1,404	774	987	1,194	1,404
		Depth	mm	226			251	226			251
Weight	Unit		kg	21	27	33	44	22	28	35	46
Heat exchanger	Water volume		l	0.7	1	1.4	2.1	0.7	1	1.4	2.1
Additional heat exchanger	Water volume		l	-				0.2	0.3	0.4	0.6
Water flow	Cooling		l/h	454	853	1,084	1,728	454	853	1,084	1,728
	Heating		l/h	454	853	1,084	1,728	216	367	565	882
Fan	Type			Centrifugal multi-blade, double suction							
	Quantity			1	2			1	2		
	Air flow rate	Max.	m^3/h	560	900	1,200	1,660	560	900	1,200	1,660
		Min.	m^3/h	70	95	130	200	70	95	130	200
Sound power level	Max.		dBA	62	70	64	71	62	70	64	71
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230							
Current input	Max.		A	0.50	0.72	0.88	1.27	0.50	0.72	0.88	1.27
	Min.		A	0.05		0.07	0.09	0.05		0.07	0.09
Control systems	Wired remote control			FWEC3A / FWECSA							

Flexi type unit with cabinet

AC fan motor unit for horizontal or vertical mounting

- **Pre-assembled 3-way/4-port on/off valves** are available
- **High efficiency** heat exchanger
- Valve packages are **insulated**, no extra drain pan required
- Valve packages contain balancing valves and sensor pocket
- Fast-on connections for electrical options: no tools needed
- **Washable air filter**, easily removable for maintenance
- Electric heater: no relay up to 2kW capacity
- Electric heater: equipped with two overheat cut-out thermostats

FWL-DAT/DAF

FWEC1,2,3A

FWECSA

ECFWMB6

			FWL-DAT/DAF	01	15	02	25	03	35	04	06	08	10	01	15	02	25	03	35	04	06	08	10
				2-pipe										4-pipe									
Cooling capacity	Total capacity	High	kW	1.54	1.74	1.96	2.42	2.93	3.51	4.33	4.77	6.71	8.02	1.46	1.69	1.79	2.38	2.87	3.46	4.26	4.67	6.64	7.88
		Low	kW	1.04	1.26	1.36	1.60	1.76	1.98	2.51	3.17	3.97	4.11	0.99	1.24	1.26	1.58	1.73	1.96	2.48	3.11	3.93	4.07
	Sensible capacity	High	kW	1.20	1.30	1.42	1.88	2.11	2.72	3.15	3.65	4.91	5.96	1.14	1.27	1.46	1.85	2.07	2.71	3.09	3.57	4.85	5.85
		Low	kW	0.79	0.95	1.00	1.18	1.26	1.45	1.80	2.32	2.84	3.05	0.75	0.93	0.98	1.17	1.24	1.44	1.78	2.28	2.82	3.02
Heating capacity	2-Pipe	High	kW	2.14	2.20	2.57	3.20	3.81	4.78	5.10	5.95	7.83	10.03	-									
		Low	kW	1.43	1.71	1.79	2.07	2.28	2.81	2.98	3.96	4.77	5.24	-									
	4-Pipe	High	kW	-										1.90	2.02	2.01	2.92	3.08	4.80	5.05	5.30	7.91	8.35
		Low	kW	-										1.50	1.56		2.06	2.18	3.21	3.60	4.04	5.69	5.50
Power input	High		W	37	53		57	56	98			182	244	37	53		57	56	98			182	244
	Low		W	21	25	24	29		37	38	47	86	109	21	25	24	29		37	38	47	86	109
Dimensions	Unit	Height	mm	564																			
		Width	mm	774			987		1,194			1,404		774			987		1,194			1,404	
		Depth	mm	226								251		226								251	
Weight	Unit		kg	20	21		27		32		33	44		21	22		28		24	34	35	46	
Heat exchanger	Water volume		l	0.5		0.7		1		1.4		2.1		0.5		0.7		1		1.4		2.1	
Additional heat exchanger	Water volume		l	-										0.2			0.3		0.4			0.6	
Water flow	Cooling		l/h	264	298	337	415	504	602	743	818	1,152	1,376	250	291	176	409	494	594	730	803	1,138	1,362
	Heating		l/h	264	298	337	415	504	602	743	818	1,152	1,376	167	177	182	257	270	421	443	465	694	733
Fan	Type			Centrifugal multi-blade, double suction																			
	Quantity			1			2							1			2						
	Air flow rate	High	m^3/h	319	344		442		640	706	785	1,011	1,393	307	330	327	432	431	628	690	763	998	1,362
		Low	m^3/h	178	211		241		320	361	470	570	642	174	205		238		316	356	460	565	636
Sound power level	High		dBA	47	49	50	48		52	53	56	61	67	45	49	50	48	47	51	56	59	60	66
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230																			
Current input	High		A	0.17	0.24		0.26	0.25	0.44		0.43	0.82	1.10	0.17	0.24		0.26	0.25	0.44		0.43	0.82	1.10
	Medium		A	0.13	0.16		0.21	0.20	0.29		0.31	0.57	0.76	0.13	0.16		0.21	0.20	0.29		0.31	0.57	0.76
	Low		A	0.10	0.12	0.11	0.14		0.19		0.22	0.39	0.50	0.10	0.12	0.11	0.14		0.19		0.22	0.39	0.50
Control systems	Wired remote control			FWEC1A / FWEC2A / FWEC3A / FWECSA / ECFWMB6																			

Flexi type unit without cabinet

BLDC fan motor unit for horizontal or vertical concealed mounting. Continuous air flow regulation and fan speed modulation

- **Blends unobtrusively** with any interior décor: only the suction and discharge grilles are visible
- Up to 70% **energy savings** with brushless DC motor technology compared to traditional technology
- **Instant adjustment** to temperature and relative humidity changes
- **Low operating sound level**
- Highly flexible solutions: multiple sizes, piping topologies and connection valves

FWS-AT/AF

FWEC3A

FWECSA

				FWS-AT/AF	02	03	06	08	02	03	06	08
					2-pipe				4-pipe			
Cooling capacity	Total capacity	Min.	kW		0.61	0.88	1.19	1.79	0.60	0.88	1.19	1.79
		Max.	kW		2.64	4.96	6.32	10.08	2.64	4.96	6.32	10.08
	Sensible capacity	Min.	kW		0.41	0.58	0.79	1.20	0.40	0.58	0.79	1.20
		Max.	kW		1.95	3.60	4.80	7.43	1.95	3.60	4.80	7.43
Heating capacity	2-Pipe	Min.	kW		0.69	0.95	1.29	1.92	-			
		Max.	kW		3.47	6.40	7.51	11.18	-			
	4-Pipe	Min.	kW		-				0.82	1.18	1.76	2.83
		Max.	kW		-				2.46	4.19	6.45	10.06
Power input	Min.		W		2.2		3.4	4.2	2.2		3.24	4.2
	Max.		W		57.4	82.7	101.4	147	57.4	82.7	101.4	147
Dimensions	Unit	Height	mm		535							
		Width	mm		584	794	1,004	1,214	584	794	1,004	1,214
		Depth	mm		224			249	224			249
Weight	Unit		kg		15	19	23	32	16	20	25	34
Heat exchanger	Water volume		l		0.7	1	1.4	2.1	0.7	1	1.4	2.1
Additional heat exchanger	Water volume		l		-				0.2	0.3	0.4	0.6
Water flow	Cooling		l/h		454	853	1,084	1,728	454	853	1,084	1,728
	Heating		l/h		454	853	1,084	1,728	216	367	565	882
Fan	Type				Centrifugal multi-blade, double suction							
	Quantity				1	2			1	2		
	Air flow rate	Max.	m^3/h		560	900	1,200	1,660	560	900	1,200	1,660
		Min.	m^3/h		70	95	130	200	70	95	130	200
Sound power level	Max.		dBA		62	70	64	71	62	70	64	71
Piping connections	Drain	OD	mm		17							
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/230							
Current input	Max.		A		0.50	0.72	0.88	1.27	0.50	0.72	0.88	1.27
	Min.		A		0.05		0.07	0.09	0.05		0.07	0.09
Control systems	Wired remote control				FWEC3A / FWECSA							

Flexi type unit without cabinet

AC fan motor unit for horizontal or vertical concealed mounting

- **Pre-assembled 3-way/4-port on/off valves** are available
- **High efficiency** heat exchanger
- Valve packages are **insulated**, no extra drain pan required
- Valve packages contain balancing valves and sensor pocket
- Fast-on connections for electrical options: no tools needed
- **Washable air filter,** easily removable for maintenance
- Electric heater: no relay up to 2kW capacity
- Electric heater: equipped with two overheat cut-out thermostats

FWM-DAT/DAF

FWEC1,2,3A

FWECSA

			FWM-DAT/DAF	01	15	02	25	03	35	04	06	08	10	01	15	02	25	03	35	04	06	08	10
				2-pipe										4-pipe									
Cooling capacity	Total capacity	High	kW	1.54	1.74	1.96	2.42	2.93	3.51	4.33	4.77	6.71	8.02	1.46	1.69	1.79	2.38	2.87	3.46	4.26	4.67	6.64	7.88
		Low	kW	1.04	1.26	1.36	1.60	1.76	1.98	2.51	3.17	3.97	4.11	0.99	1.24	1.26	1.58	1.73	1.96	2.48	3.11	3.93	4.07
	Sensible capacity	High	kW	1.20	1.30	1.42	1.88	2.11	2.72	3.15	3.65	4.91	5.96	1.14	1.27	1.46	1.85	2.07	2.71	3.09	3.57	4.85	5.85
		Low	kW	0.79	0.95	1.00	1.18	1.26	1.45	1.80	2.32	2.84	3.05	0.75	0.93	0.98	1.17	1.24	1.44	1.78	2.28	2.82	3.02
Heating capacity	2-Pipe	High	kW	2.14	2.20	2.57	3.20	3.81	4.78	5.10	5.95	7.83	10.03	-									
		Low	kW	1.43	1.71	1.79	2.07	2.28	2.81	2.98	3.96	4.77	5.24	-									
	4-Pipe	High	kW	-										1.90	2.02	2.01	2.92	3.08	4.80	5.05	5.30	7.91	8.35
		Low	kW	-										1.50	1.56		2.06	2.18	3.21	3.60	4.04	5.69	5.50
Power input	High		W	37	53		57	56	98			182	244	37	53		57	56	98			182	244
	Low		W	21	25	24	29		37	38	47	86	109	21	25	24	29		37	38	47	86	109
Dimensions	Unit	Height	mm	535																			
		Width	mm	584			794		1,004			1,214		584			794		1,004			1,214	
		Depth	mm	224								249		224								249	
Weight	Unit		kg	14	15		19		23			32		15	16		20		25			34	
Heat exchanger	Water volume		l	0.5		0.7		1		1.4		2.1		0.5		0.7		1		1.4		2.1	
Additional heat exchanger	Water volume		l	-										0.2			0.3		0.4			0.6	
Water flow	Cooling		l/h	264	298	337	415	504	602	743	818	1,152	1,376	250	291	176	409	494	594	730	803	1,138	1,362
	Heating		l/h	264	298	337	415	504	602	743	818	1,152	1,376	167	177	182	257	270	421	443	465	694	733
Fan	Type			Centrifugal multi-blade, double suction																			
	Quantity			1			2							1			2						
	Air flow rate	High	m^3/h	319	344		442		640	706	785	1,011	1,393	307	330	327	432	431	628	690	763	998	1,362
		Low	m^3/h	178	211		241		320	361	470	570	642	174	205		238		316	356	460	565	636
Sound power level	High		dBA	47	49	50	48		52	53	56	61	67	45	49	50	48	47	51	56	59	60	66
Piping connections	Drain	OD	mm	17																			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230																			
Current input	High		A	0.17	0.24		0.26	0.25	0.44		0.43	0.82	1.10	0.17	0.24		0.26	0.25	0.44		0.43	0.82	1.10
	Medium		A	0.13	0.16		0.21	0.20	0.29		0.31	0.57	0.76	0.13	0.16		0.21	0.20	0.29		0.31	0.57	0.76
	Low		A	0.10	0.12	0.11	0.14		0.19		0.22	0.39	0.50	0.10	0.12	0.11	0.14		0.19		0.22	0.39	0.50
Control systems	Wired remote control			FWEC1A / FWEC2A / FWEC3A / FWECSA																			

Wall mounted unit

AC fan motor unit for wall mounting

› High **aesthetic cabinet design**
› **Optimum air distribution**
› Easy to install
› 3-speed fan motor
› **Low operating sound level** thanks to tangential fan
› Insulated with self-extinguishing class 1 heat insulation
› Removable washable air filter (self-extinguishing class 1)

FWT-CT

MERCA

SRC-HPA

WRC-HPC

			FWT-CT	02	03	04	05	06
				2-pipe				
Cooling capacity	Total capacity	High	kW	2.43	2.70	3.31	4.54	5.28
		Low	kW	2.11	2.23	2.78	3.81	4.40
	Sensible capacity	High	kW	1.85	2.02	2.64	3.43	4.10
		Low	kW	1.49	1.61	2.05	2.81	3.28
Heating capacity	2-Pipe	High	kW	3.22	3.52	4.40	6.01	7.33
		Low	kW	2.49	2.70	3.37	4.84	5.86
Power input	High		W	31	32	42	53	72
	Low		W	25	29	33	42	60
Dimensions	Unit	Height	mm	288			310	
		Width	mm	800			1,065	
		Depth	mm	206			224	
Weight	Unit		kg	9			14	
	Operation weight		kg	9.5	9.6		15	
Heat exchanger	Water volume		l	0.52	0.58		0.95	
Water flow	Cooling		l/h	420	460	570	780	910
	Heating		l/h	420	460	570	780	910
Fan	Type			Cross flow fan				
	Quantity			1				
	Air flow rate	High	m^3/h	442	476	629	866	1,053
		Low	m^3/h	340	374	442	663	782
Sound power level	High		dBA	45	48	55		59
Sound pressure level	High		dBA	34	35	42		46
Piping connections	Drain	OD	mm	19				
Water connections	Std. heat exchanger		inch	1/2				
Power supply	Phase/Frequency/Voltage		Hz/V	/-/-				
Current input	High		A	0.19	0.20	0.21	0.29	0.34
	Medium		A	0.18	0.20		0.26	0.32
	Low		A	0.17	0.19		0.25	0.31
Control systems	Infrared remote control			WRC-HPC				
	Wired remote control			MERCA / SRC-HPA				

Ducted unit with low ESP

AC fan motor unit for horizontal concealed mounting

- **Easy installation and maintenance**
- **4-speed fan motor**
- High power air flow
- Wired electronic controllers range
- Available static pressure up to 30 Pa
- Wide operating range
- Standard left and right side water connection
- **Extended drain pan** as standard
- **Factory mounted valve** (both left and right side)
- Nylon filter G2 class
- Polyethylene insulation

FWE-CT/CF

FWEC1,2,3A

FWECSA

			FWE-CT/CF	02	03	04	06	07	08	10	02	03	04	06	07	08	10
				2-pipe							4-pipe						
Cooling capacity	Total capacity	Super high	kW	2.17	3.22	4.34	6.06	6.83	7.84	9.96	2.10	3.16	3.98	6.05	6.78	7.79	9.91
		High	kW	1.81	2.78	3.49	5.32	5.68	6.92	8.64	1.76	2.69	3.22	5.20	5.61	6.79	8.61
		Low	kW	0.90	1.40	1.80	2.80	3.10	3.90	4.90	0.85	1.40	1.63	2.72	3.10	3.88	4.88
	Sensible capacity	Super high	kW	1.61	2.44	3.27	4.55	4.83	6.02	7.58	1.55	2.37	3.19	4.49	5.16	5.91	7.45
		High	kW	1.33	2.08	2.58	3.94	4.30	5.25	6.48	1.28	1.99	2.53	3.81	4.20	5.09	6.39
		Low	kW	0.70	1.20	1.40	2.10	2.50	3.10	3.70	0.66	1.18	1.35	2.02	2.47	3.05	3.65
Heating capacity	2-Pipe	Super high	kW	2.79	4.28	5.01	7.66	9.26	10.50	13.00				-			
		High	kW	2.31	3.67	3.97	6.65	7.62	9.18	11.10				-			
		Low	kW	1.20	2.00	2.30	3.40	4.40	5.30	6.30				-			
	4-Pipe	Super high	kW				-				2.3	3.53	4.56	6.17	7.6	8.52	10.4
		High	kW				-				1.94	3.06	3.76	5.37	6.42	7.52	9.16
		Low	kW				-				1.02	1.72	2.03	2.88	3.92	4.59	5.42
Power input	Super high		W	46	69	83	119	163	181	230	46	69	83	119	163	181	230
	High		W	39	54	59	93	128	145	180	39	54	59	93	128	145	180
	Low		W	29	40	42	60	89	102	121	29	40	42	60	89	102	121
Dimensions	Unit	Height	mm	253													
		Width	mm	590													
		Depth	mm	705	875	1,005	1,205	1,455	1,555	1,815	705	875	1,005	1,205	1,455	1,555	1,815
Weight	Unit		kg	17	20	24	28	37	39	46	18	22	25	30	40	41	49
	Operation weight		kg	17	20	24	28	37	39	46	18	22	25	30	40	41	49
Heat exchanger	Water volume		l	0.74	1.02	1.24	1.56	1.97	2.14	2.56	0.74	1.02	1.24	1.56	1.97	2.14	2.56
Additional heat exchanger	Water volume		l				-				0.25	0.34	0.41	0.52	0.66	0.71	0.85
Water flow	Cooling		l/h	360	540	756	1,044	1,188	1,368	1,728	360	540	720	1,044	1,188	1,332	1,728
	Heating		l/h	252	360	504	684	828	936	1,188				-			
	Additional heat exchanger		l/h				-				108	180	216	324	432	468	576
Water pressure drop	Additional heat exchanger		kPa				-				3.6	8.8	15.6	31.8	58.6	74.6	123
Fan	Type			Centrifugal (Blade: Forward - curve)													
	Quantity			1		2		3		4	1		2		3		4
	Air flow rate	Super high	m^3/h	430	638	910	1,195	1,559	1,753	2,177	416.13	626.11	834.52	1,193.03	1,547.59	1,741.82	2,166.07
		High	m^3/h	311	518	619	926	1,188	1,413	1,735	302.41	501.23	571.11	905.11	1,173.36	1,386.46	1,728.98
		Low	m^3/h	150	256	284	426	569	688	808	142	256	257.48	414.34	569	684.16	804.37
Sound power level	Super high		dBA	51	61	58	62		64	65	51	61	58	62		64	65
	High		dBA	49	56	50	55	57	58	60	49	56	48	55	57	58	60
Sound pressure level	Super high		dBA	41	51	48	52		54	55	41	51	48	52		54	55
	High		dBA	39	46	38	45	47	48	49	39	46	38	45	47	48	49
Piping connections	Drain	OD	mm	19.05													
Water connections	Std. heat exchanger		inch	3/4													
	Add. heat exchanger		inch				-				3/4						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240													
Current input	Super high		A	0.206	0.309	0.372	0.533	0.731	0.811	1.031	0.206	0.309	0.372	0.533	0.731	0.811	1.031
	High		A	0.174	0.243	0.265	0.430	0.575	0.648	0.780	0.174	0.243	0.265	0.430	0.575	0.648	0.780
	Medium		A	0.150	0.208	0.217	0.325	0.472	0.523	0.648	0.150	0.208	0.217	0.325	0.472	0.523	0.648
	Low		A	0.128	0.177	0.188	0.271	0.400	0.456	0.540	0.128	0.177	0.188	0.271	0.400	0.456	0.540
Control systems	Wired remote control			FWEC1A / FWEC2A / FWEC3A / FWECSA													

Ducted unit with medium ESP

BLDC fan motor unit for horizontal concealed mounting. Continuous air flow regulation and fan speed modulation

- **Blends unobtrusively** with any interior décor: only the suction and discharge grills are visible
- Up to 50% **energy savings** with brushless DC motor technology compared to traditional technology
- **Instant adjustment** to temperature and relative humidity changes
- **Low operating sound level**
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Available static pressure up to 70 Pa

FWP-AT

FWEC3A

FWECSA

			FWP-AT	02	03	04	05	06	07
				2-pipe					
Cooling capacity	Total capacity	High	kW	2.61	3.14	3.49	5.08	5.45	6.47
		Low	kW	1.34	1.5	1.67	2.12	2.43	2.67
	Sensible capacity	High	kW	1.88	2.16	2.34	3.6	3.87	4.4
		Low	kW	0.95	1.02	1.1	1.52	1.67	1.78
Heating capacity	2-Pipe	High	kW	5.47	6.01	6.47	10.31	11.39	12.28
		Low	kW	2.77	2.91	3.00	4.56	4.77	4.94
	4-Pipe	High	kW		3.14			5.99	
		Low	kW		1.95			3.38	
Power input	High		W		46.4			80	
	Low		W		12.2			17.5	
Dimensions	Unit	Height	mm			239			
		Width	mm		1,039			1,389	
		Depth	mm			609			
Weight	Unit		kg	23	24	26	31	33	35
	Operation weight		kg	24	26	28	33	35	38
Heat exchanger	Water volume		l	1.1	1.5	2.2	1.6	2.1	3.2
Additional heat exchanger	Water volume		l		0.4			0.6	
Water flow	Cooling		l/h	448	539	598	873	936	1,111
	Heating		l/h	480	527	567	904	999	1,077
	Additional heat exchanger		l/h		275			526	
Water pressure drop	Additional heat exchanger		kPa		3			5	
Fan	Type					Centrifugal - forward blades - directly coupled on fan motor			
	Quantity					1			
	Air flow rate	High	m^3/h		400			800	
		Low	m^3/h		180			300	
	Available pressure	High	Pa		71			65	
Sound power level	High		dBA		55.6			60.6	
Sound pressure level	High		dBA		44.1			49.1	
Electric heater	Power input		kW		2			2.5	
Piping connections	Drain	OD	mm			16			
Water connections	Std. heat exchanger		inch			3/4			
	Add. heat exchanger		inch			3/4			
Power supply	Phase/Frequency/Voltage		Hz/V			1~/50/230			
Control systems	Wired remote control					FWEC3A / FWECSA			

Ducted unit with medium ESP

AC fan motor unit for horizontal concealed mounting

- Available static pressure up to 60 Pa
- **Compact dimensions**, can easily be mounted in a narrow ceiling void
- 3, 4 or 6 stage row cooling coil
- Drain pan to collect the condensate from: heat exchanger and regulating valves
- **7-speed electrical motors** (with thermal protection on windings)
- All 7 speeds **pre-wired in the factory** in the terminal block of the switch box
- **Washable air filter**, easily removable for maintenance

FWB-BT

FWEC1,2,3A

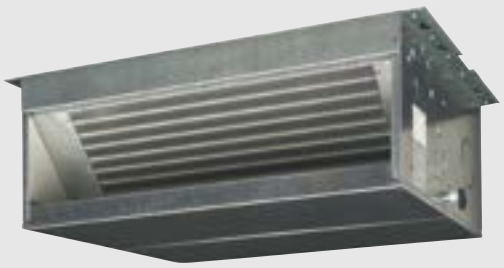
FWECSA

			FWB-BT	02	03	04	05	06	07	08	09	10
				2-pipe								
Cooling capacity	Total capacity	High	kW	2.61	3.14	3.49	5.08	5.45	6.47	7.57	8.67	10.34
		Low	kW	1.34	1.50	1.67	2.12	2.43	2.67	4.18	4.64	5.35
	Sensible capacity	High	kW	1.88	2.16	2.34	3.6	3.87	4.4	5.23	5.96	6.9
		Low	kW	0.95	1.02	1.1	1.52	1.67	1.78	2.95	3.21	3.57
Heating capacity	2-Pipe	High	kW	5.47	6.01	6.47	10.31	11.39	12.28	15.05	16.85	18.78
		Low	kW	2.77	2.91	3.00	4.56	4.77	4.94	8.63	9.29	9.85
	4-Pipe	High	kW		3.14			5.99			12.8	
		Low	kW		1.95			3.38			7.67	
Power input	High		W		79			154			294	
	Low		W		28			64			155	
Dimensions	Unit	Height	mm					239				
		Width	mm		1,039			1,389			1,739	
		Depth	mm					609				
Weight	Unit		kg	23	24	26	31	33	35	43	45	48
	Operation weight		kg	24	26	28	33	35	38	45	48	52
Heat exchanger	Water volume		l	1.1	1.5	2.2	1.6	2.1	3.2	2.1	2.8	4.2
Additional heat exchanger	Water volume		l		0.4			0.6			1.7	
Water flow	Cooling		l/h	448	539	598	873	936	1,111	1,299	1,488	1,774
	Heating		l/h	480	527	567	904	999	1,077	1,319	1,479	1,647
	Additional heat exchanger		l/h		275			526			1,123	
Water pressure drop	Additional heat exchanger		kPa		3			5			8	
Fan	Type			Centrifugal - forward blades - directly coupled on fan motor								
	Quantity				1			2			3	
	Air flow rate	High	m^3/h		400			800			1,200	
		Low	m^3/h		180			300			600	
	Available pressure	High	Pa		71			65			59	
Sound power level	High		dBA		56			59			69	
Sound pressure level	High		dBA		44.5			47.5			57.5	
Electric heater	Power input		kW		2			2.5			3	
Piping connections	Drain	OD	mm					16				
Water connections	Std. heat exchanger		inch					3/4				
	Add. heat exchanger		inch				3/4				1	
Power supply	Phase/Frequency/Voltage		Hz/V					1~/50/230				
Current input	High		A		0.36			0.73			1.28	
	Medium		A		0.21			0.60			0.90	
	Low		A		0.14			0.33			0.70	
Control systems	Wired remote control			FWEC1A / FWEC2A / FWEC3A / FWECSA								

Ducted unit with medium ESP

BLDC fan motor unit for horizontal or vertical mounting. Continuous air flow regulation and fan speed modulation

- Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Available static pressure up to 70 Pa
- The air filter can easily be removed for cleaning
- Straight duct connector mounted to discharge side



FWN-AT/AF

FWEC3A

FWECSA

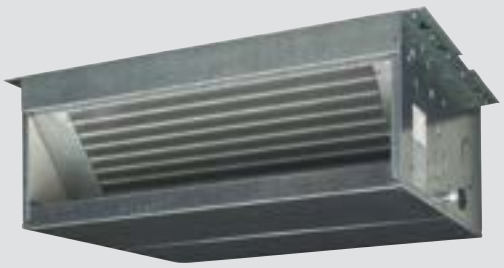
				FWN-AT/AF	04	05	06	07	08	10	04	05	06	07	08	10
					2-pipe						4-pipe					
Cooling capacity	Total capacity	High	kW		3.91 (1) / 3.80 (2)	4.76 (1) / 4.65 (2)	6.17 (1) / 6.02 (2)	6.81 (1) / 6.66 (2)	7.83 (1) / 7.58 (2)	8.75 (1) / 8.50 (2)	3.88 (1) / 2.76 (3)	4.72 (1) / 3.60 (3)	6.06 (1) / 4.54 (3)	6.69 (1) / 5.17 (3)	7.70 (1) / 5.22 (3)	8.60 (1) / 6.12 (3)
		Medium	kW		3.54 (1) / 3.47 (2)	4.27 (1) / 4.20 (2)	5.77 (1) / 5.65 (2)	6.37 (1) / 6.25 (2)	7.01 (1) / 6.84 (2)	7.79 (1) / 7.62 (2)	3.51 (1) / 2.78 (3)	4.24 (1) / 3.51 (3)	5.70 (1) / 4.45 (3)	6.29 (1) / 5.04 (3)	6.92 (1) / 5.22 (3)	7.69 (1) / 5.99 (3)
		Low	kW		2.87 (1) / 2.83 (2)	3.42 (1) / 3.38 (2)	5.33 (1) / 5.23 (2)	5.87 (1) / 5.77 (2)	6.32 (1) / 6.20 (2)	6.97 (1) / 6.85 (2)	2.86 (1) / 2.46 (3)	3.40 (1) / 3.00 (3)	5.26 (1) / 4.24 (3)	5.81 (1) / 4.79 (3)	6.26 (1) / 5.02 (3)	6.90 (1) / 5.66 (3)
	Sensible capacity	High	kW		3.09 (1) / 2.98 (2)	3.68 (1) / 3.57 (2)	4.63 (1) / 4.48 (2)	5.21 (1) / 5.06 (2)	6.55 (1) / 6.30 (2)	7.10 (1) / 6.85 (2)	3.06 (1) / 1.94 (3)	3.64 (1) / 2.52 (3)	4.54 (1) / 3.02 (3)	5.11 (1) / 3.59 (3)	6.43 (1) / 3.95 (3)	6.96 (1) / 4.48 (3)
		Medium	kW		2.77 (1) / 2.70 (2)	3.26 (1) / 3.19 (2)	4.32 (1) / 4.20 (2)	4.85 (1) / 4.73 (2)	5.77 (1) / 5.60 (2)	6.24 (1) / 6.07 (2)	2.75 (1) / 2.02 (3)	3.24 (1) / 2.51 (3)	4.27 (1) / 3.02 (3)	4.78 (1) / 3.53 (3)	5.69 (1) / 3.99 (3)	6.15 (1) / 4.45 (3)
		Low	kW		2.23 (1) / 2.19 (2)	2.58 (1) / 2.54 (2)	3.99 (1) / 3.89 (2)	4.45 (1) / 4.35 (2)	5.14 (1) / 5.02 (2)	5.53 (1) / 5.41 (2)	2.22 (1) / 1.82 (3)	2.56 (1) / 2.16 (3)	3.94 (1) / 2.92 (3)	4.40 (1) / 3.38 (3)	5.09 (1) / 3.85 (3)	5.47 (1) / 4.23 (3)
Heating capacity	2-Pipe	High	kW		4.85 (4) / 8.22 (5)	5.79 (4) / 9.78 (5)	7.67 (4) / 13.02 (5)	8.65 (4) / 14.68 (5)	9.46 (4) / 15.98 (5)	10.70 (4) / 18.10 (5)	-					
		Low	kW		3.63 (4) / 6.16 (5)	4.24 (4) / 7.17 (5)	6.68 (4) / 11.31 (5)	7.49 (4) / 12.71 (5)	7.74 (4) / 13.10 (5)	8.70 (4) / 14.74 (5)	-					
	4-Pipe	High	kW		-						4.48 (4)	4.45 (4)	6.53 (4)	6.44 (4)	9.13 (4)	9.07 (4)
		Low	kW		-						3.70 (4)	3.69 (4)	5.98 (4)	5.93 (4)	8.01 (4)	7.98 (4)
Power input	High		W		112 (6)		152 (6)		248 (6)		112 (2)		152 (2)		248 (2)	
	Medium		W		73 (6)		125 (6)		170 (6)		73 (2)		125 (2)		170 (2)	
	Low		W		40 (6)		102 (6)		124 (6)		40 (2)		102 (2)		124 (2)	
FCEER					C	B	C				B		C			
FCCOP					B	A	B		C		B		C			
Weight	Unit		kg		32.5	33.3	40.6	41.7	47.3	48.7	-					
	2-pipe Unit		kg		-						32.5	33.3	40.6	41.7	47.3	48.7
	4-pipe Unit		kg		-						34.7	35.5	43.2	44.3	50.3	51.7
Water pressure drop	Cooling	High	kPa		17 (6) / 17 (1)	14 (6) / 14 (1)	24 (6) / 24 (1)	19 (6) / 19 (1)	24 (6) / 24 (1)	16 (6) / 16 (1)	17 (1)	14 (1)	23 (1)	19 (1)	23 (1)	15 (1)
	Heating	High	kPa		14 (4) / 15 (5)	12 (4) / 12 (5)	19 (4) / 21 (5)	15 (4) / 17 (5)	20 (4) / 20 (5)	13 (4) / 13 (5)	9 (4)		17 (4)	14 (4)	13 (4)	30 (4)
Water heat exchanger	Water flow rate	Cooling	High	l/min	11.19 (1)	13.62 (1)	17.65 (1)	19.48 (1)	22.40 (1)	25.02 (1)	11.10 (1)	13.50 (1)	17.33 (1)	19.13 (1)	22.03 (1)	24.60 (1)
			Medium	l/min	10.12 (1)	12.20 (1)	16.50 (1)	18.22 (1)	20.03 (1)	22.27 (1)	10.03 (1)	12.12 (1)	16.30 (1)	17.98 (1)	19.78 (1)	21.98 (1)
			Low	l/min	8.22 (1)	9.78 (1)	15.25 (1)	16.80 (1)	17.92 (1)	19.95 (1)	8.18 (1)	9.73 (1)	15.07 (1)	16.63 (1)	17.92 (1)	19.75 (1)
		Heating	High	l/min	12.02 (5)	14.32 (5)	19.03 (5)	21.48 (5)	23.37 (5)	26.47 (5)	6.55 (4)	6.52 (4)	9.55 (4)	9.43 (4)	13.35 (4)	13.27 (4)
			Medium	l/min	10.93 (5)	12.90 (5)	17.87 (5)	20.13 (5)	21.07 (5)	23.80 (5)	6.15 (4)	6.12 (4)	9.18 (4)	9.08 (4)	12.48 (4)	12.43 (4)
			Low	l/min	9.00 (5)	10.48 (5)	16.53 (5)	18.58 (5)	19.15 (5)	21.55 (5)	5.40 (4)		8.75 (4)	8.68 (4)	11.72 (4)	11.68 (4)
Fan	Air flow rate	High		m^3/h	802 (6)	792 (6)	1,241 (6)	1,206 (6)	1,609 (6)	1,584 (6)	794 (2)	784 (2)	1,212 (2)	1,179 (2)	1,573 (2)	1,550 (2)
		Low		m^3/h	534 (6)	531 (6)	1,021 (6)	998 (6)	1,208 (6)	1,200 (6)	532 (2)	529 (2)	1,004 (2)	985 (2)	1,194 (2)	1,186 (2)
Sound power level	Total	High		dBA	66 (3)		69 (3)		72 (3)		66 (5)		69 (5)		72 (5)	
		Medium		dBA	61 (3)		63 (3)		67 (3)		61 (5)		64 (5)	63 (5)	67 (5)	
		Low		dBA	54 (3)		59 (3)	61 (3)	62 (3)		54 (5)		61 (5)	59 (5)	62 (5)	
	Inlet section + radiated	High		dBA	64 (3) / 64 (6)		66 (3) / 66 (6)		70 (3) / 70 (6)		64 (5) / 64 (2)		66 (5) / 66 (2)		70 (5) / 70 (2)	
		Medium		dBA	59 (3) / 59 (6)		60 (3) / 60 (6)		64 (3) / 64 (6)		59 (5) / 59 (2)		60 (5) / 60 (2)		64 (5) / 64 (2)	
		Low		dBA	52 (3) / 52 (6)		56 (3) / 56 (6)		60 (3) / 60 (6)		52 (5) / 52 (2)		56 (5) / 56 (2)		60 (5) / 60 (2)	
	Outlet section	High		dBA	63 (3) / 63 (6)		65 (3) / 65 (6)		69 (3) / 69 (6)		63 (5) / 63 (2)		65 (5) / 65 (2)		69 (5) / 69 (2)	
		Medium		dBA	58 (3) / 58 (6)		59 (3) / 59 (6)		63 (3) / 63 (6)		58 (5) / 58 (2)		62 (5) / 62 (2)	59 (5) / 59 (2)	63 (5) / 63 (2)	
		Low		dBA	51 (3) / 51 (6)		55 (3) / 55 (6)		58 (3) / 58 (6)		51 (5) / 51 (2)		59 (5) / 59 (2)	55 (5) / 55 (2)	58 (5) / 58 (2)	
Water connections	Primary coil		inch		3/4 „											
	Additional coil		inch		-						3/4 „					
Water content	Primary coil		dm^3		1.29	1.64	1.65	2.13	2.16	2.75	1.29	1.64	1.65	2.13	2.16	2.75
	Additional coil		dm^3		-						0.93		1.05		1.17	
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/230											
Control systems	Wired remote control				FWEC3A / FWECSA											

(1) Inlet/outlet water temperature 7/12 °C; inlet air temperature 27°C DB 19°C WB (2) Reference: EN 1397; Eurovent certified data (3) Reference: UNI EN 3741 (4) Inlet water temperature 50 °C; same water flow as in cooling mode; inlet air temperature 20°C DB; Eurovent certified data (5) Inlet/outlet water temperature 70/60 °C; inlet air temperature 20°C DB (6) Eurovent certified data | FCEER and FCCOP are Eurovent certified data

Ducted unit with high ESP

AC fan motor unit for horizontal or vertical concealed mounting

› Straight duct connector mounted to discharge side
› **Washable air filter**, easily removable for maintenance
› Available static pressure from 60 up to 145 Pa



FWD-AT/AF

FWEC1,2,3A

FWECSA

			FWD-AT/AF	04	06	08	10	12	16	18	04	06	08	10	12	16	18
				2-pipe							4-pipe						
Cooling capacity	Total capacity	High	kW	3.90	6.20	7.80	8.82	11.90	16.40	18.30	3.90	6.20	7.80	8.82	11.90	16.40	18.30
	Sensible capacity	High	kW	3.08	4.65	6.52	7.16	9.36	12.80	14.10	3.08	4.65	6.52	7.16	9.36	12.80	14.10
Heating capacity	2-Pipe	High	kW	4.05	7.71	9.43	10.79	14.45	19.81	21.92	-						
	4-Pipe	High	kW	-							4.49	6.62	9.21		15.86	21.15	
Power input	High		W	234	349	443		714	1,197		234	349	443		714	1,197	
	Low		W	130	247	261		328	704		130	247	261		328	704	
Dimensions	Unit	Height	mm	280				352			280				352		
		Width	mm	754	964	1,174			1,384		754	964	1,174			1,384	
		Depth	mm	559				718			559				718		
Weight	Unit		kg	33	41	47	49	65	77	80	35	43	50	52	71	83	86
Heat exchanger	Water volume		l	1.06	1.42	1.79	2.38	2.5	4.02	5.03	1.06	1.42	1.79	2.38	2.50	4.02	5.03
Additional heat exchanger	Water volume		l	-							0.35	0.47	0.59		1.42	1.72	
Water flow	Cooling		l/h	674	1,064	1,339	1,514	2,056	2,833	3,140	674	1,064	1,339	1,514	2,056	2,833	3,140
	Heating		l/h	674	1,064	1,339	1,514	2,056	2,833	3,140	349	581	808		1,392	1,856	
Fan	Type			Centrifugal multi-blade, double suction													
	Quantity			1	2						1	2					
	Air flow rate	High	m^3/h	800	1,250	1,600		2,200	3,000		800	1,250	1,600		2,200	3,000	
	Available pressure	High	Pa	66	58	68	64	97	145	134	63	53	63	59	92	138	128
Sound power level	High		dBA	66	69	72		74	78		66	69	72		74	78	
Piping connections	Drain	OD	mm	16													
Water connections	Std. heat exchanger		inch	3/4				1			3/4				1		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230													
Current input	High		A	0.95	1.58	1.97		3.21	5.37		0.95	1.58	1.97		3.21	5.37	
	Medium		A	0.74	1.39	1.52		2.08	4.38		0.74	1.39	1.52		2.08	4.38	
	Low		A	0.57	1.18	1.20		1.50	3.26		0.57	1.18	1.20		1.50	3.26	
Control systems	Wired remote control			FWEC1A / FWEC2A / FWEC3A / FWECSA													

Options & accessories - Fan coil units

	INDOOR UNITS	FWG-AT/AF	FWC-BT/BF	FWF-BT/BF	FWF-CT	FWZ-AT/AF	FWV-DAT/DAF	FWR-AT/AF
Panels	Decoration panel 600x600 (2-pipe)			BYFQ60B	DCP600TC [1]			
	Decoration panel 900x900 (2-pipe)	DCP900BTA [1]	BYCQ140C					
	Decoration panel 900x900 (4-pipe)	DCP900BFA [1]	BYCQ140C					
	Panel spacer for reducing required installation height		KDBQ44B60					
	Sealing member of air discharge outlet		KDBHQ55C140	KDBH44BA60				
	Rear panel					ERPV02A6 (2 class) ERPV03A6 (3 class) ERPV06A6 (6 class) ERPV10A6 (8 class)	ERPV02A6 (1, 15 & 2 class) ERPV03A6 (25 & 3 class) ERPV06A6 (35, 4 & 6 class) ERPV10A6 (8 & 10 class)	ERPV02A6 (2 class) ERPV03A6 (3 class) ERPV06A6 (6 class) ERPV10A6 (8 class)
	Air intake & discharge grille					EAIDF02A6 (2 class) EAIDF03A6 (3 class) EAIDF06A6 (6 class) EAIDF10A6 (10 class)	EAIDF02A6 (1, 15 & 2 class) EAIDF03A6 (25 & 3 class) EAIDF06A6 (35, 4 & 6 class) EAIDF10A6 (8 & 10 class)	EAIDF02A6 (2 class) EAIDF03A6 (3 class) EAIDF06A6 (6 class) EAIDF10A6 (10 class)
Individual control systems & network	Wired remote controller (standard)	BRC51A61	BRC315D	BRC315D	MERCA		FWEC1A	
	FWEC2A Wired remote controller (advanced)						●	
	FWEC3A Wired remote controller (advanced Plus)					●	●	●
	SRC-HPA Wired remote controller (heat pump)				●			
	Wireless controller (heat pump)		BRC7F530	BRC7F532F				
	ECFWMB6 Controller electromechanical						●	
	FWECSAP Split controller - power control board					●	●	●
	FWECSAC Split controller - control panel					●	●	●
	FWECKA On-board mounting kit					●	●	●
	FWFCKA Wall-mounting kit					●	●	●
Centralised control systems	DCS302CA51 Central remote control		●	●				
	DCS301BA51 Unified ON/OFF control		●	●				
	DST301BA51 Schedule timer		●	●				
Building Management System & Standard protocol interface	DCM601A5A Intelligent Touch Manager		●	●				
	DCS601C51C Intelligent Touch Controller		●	●				

1. Decoration panel code includes wireless controller

FWL-DAT/DAF	FWS-AT/AF	FWM-DAT/DAF	FWT-CT	FWE-CT/CF	FWP-AT	FWB-BT	FWD-AT/AF	FWN-AT/AF
ERPV02A6 (1,15 & 2 class) ERPV03A6 (25 & 3 class) ERPV06A6 (35, 4 & 6 class) ERPV10A6 (8 & 10 class)	ERPV02A6 (2 class) ERPV03A6 (3 class) ERPV06A6 (6 class) ERPV10A6 (8 class)	ERPV02A6 (1,15 & 2 class) ERPV03A6 (25 & 3 class) ERPV06A6 (35,4 & 6 class) ERPV10A6 (8&10 class)						
EAIDF02A6 (1, 15 & 2 class) EAIDF03A6 (25 & 3 class) EAIDF06A6 (35, 4 & 6 class) EAIDF10A6 (8 & 10 class)	EAIDF02A6 (2 class) EAIDF03A6 (3 class) EAIDF06A6 (6 class) EAIDF10A6 (10 class)	EAIDF02A6 (1, 15 & 2 class) EAIDF03A6 (25 & 3 class) EAIDF06A6 (35, 4 & 6 class) EAIDF10A6 (8 & 10 class)						
FWEC1A		FWEC1A	MERCA	FWEC1A		FWEC1A	FWEC1A	FWEC1A
•		•		•		•	•	•
•	•	•		•	•	•	•	•
			•					
			WRC-HPC					
•		•						
•	•	•		•	•	•	•	•
•	•	•		•	•	•	•	•
•	•	•						
•	•	•		•	•	•	•	•

Options & accessories - Fan coil units

	INDOOR UNITS	FWG-AT/AF	FWC-BT/BF	FWF-BT/BF	FWF-CT	FWZ-AT/AF	FWV-DAT/DAF	FWR-AT/AF
Filters	Long-life filter		KAFP551K160	KAFQ441BA60				
ON/OFF valves 230V	3-ways 230V ON/OFF valve kit (2-pipe)	VKFWGA012T3V (5 & 8 class) VKFWGA022T3V (11 class)	EKMV3C09B	EKMV3C09B	MCKCW2T3VN	E2MV03A6 (2, 3 & 6 class) E2MV10A6 (8 class)	E2MV03A6 (1 up to 35 class) E2MV06A6 (4 & 6 class) E2MV10A6 (8 & 10 class)	E2MV03A6 (2, 3 & 6 class) E2MV10A6 (8 class)
	3-ways 230V ON/OFF valve kit (4-pipe)	VKFWGA014T3V (5 & 8 class) VKFWGA024T3V (11 class)	EKMV3C09B x2	EKMV3C09B x2		E4MV03A6 (2, 3 & 6 class) E4MV10A6 (8 class)	E4MV03A6 (1 up to 35 class) E4MV06A6 (4 & 6 class) E4MV10A6 (8 & 10 class)	E4MV03A6 (2, 3 & 6 class) E4MV10A6 (8 class)
	2-ways 230V ON/OFF valve kit (2-pipe)		EKMV2C09B	EKMV2C09B				
	2-ways 230V ON/OFF valve kit (4-pipe)		EKMV2C09B x 2	EKMV2C09B x 2				
	2-ways 230V ON/OFF valve kit (cooling heat exchanger)					E2MV2B07A6 (2 up to 6 class) E2MV2B10A6 (8 class)	E2MV2B07A6 (1 up to 6 class) E2MV2B10A6 (8 & 10 class)	E2MV2B07A6 (2 up to 6 class) E2MV2B10A6 (8 class)
	2-ways 230V ON/OFF valve kit (additional heat exchanger)					E2MV2B07A6	E2MV2B07A6	E2MV2B07A6
	Simplified 3-ways 230V ON/OFF valve kit (2-pipe)					E2MVD03A6 (2 & 3 class) E2MVD06A6 (6 class) E2MVD10A6 (8 class)	E2MVD03A6 (1 up to 35 class) E2MVD06A6 (4 & 6 class) E2MVD10A6 (8 & 10 class)	E2MVD03A6 (2 & 3 class) E2MVD06A6 (6 class) E2MVD10A6 (8 class)
	Simplified 3-ways 230V ON/OFF valve kit (4-pipe)					E4MVD03A6 (2 & 3 class) E4MVD06A6 (4 & 6 class) E4MVD10A6 (8 & 10 class)	E4MVD03A6 (1 up to 35 class) E4MVD06A6 (4 & 6 class) E4MVD10A6 (8 & 10 class)	E4MVD03A6 (2 & 3 class) E4MVD06A6 (4 & 6 class) E4MVD10A6 (8 & 10 class)
ON/OFF valves 24V	3-ways 24V ON/OFF valve kit (2-pipe)					E2M2V03A6 (2 & 3 class) E2M2V06A6 (6 class) E2M2V10A6 (8 class)	E2M2V03A6 (1 up to 35 class) E2M2V06A6 (4 & 6 class) E2M2V10A6 (8 & 10 class)	E2M2V03A6 (2 & 3 class) E2M2V06A6 (6 class) E2M2V10A6 (8 class)
	3-ways 24V ON/OFF valve kit (4-pipe)					E4M2V03A6 (2 & 3 class) E4M2V06A6 (6 class) E4M2V10A6 (8 class)	E4M2V03A6 (1 up to 35 class) E4M2V06A6 (4 & 6 class) E4M2V10A6 (8 & 10 class)	E4M2V03A6 (2 & 3 class) E4M2V06A6 (6 class) E4M2V10A6 (8 class)
	2-ways 24V ON/OFF valve kit (cooling heat exchanger)					E2M2V207A6 (2, 3 & 6 class) E2M2V210A6 (8 class)	E2M2V207A6 (1 up to 35 class) E2M2V210A6 (8 & 10 class)	E2M2V207A6 (2, 3 & 6 class) E2M2V210A6 (8 class)
	E2M2V207A6 2-ways 24V ON/OFF valve kit (additional heat exchanger)					•	•	•
Proportional valves	3-ways proportional valve kit (2-pipe)						E2MPV03A6 (1 up to 35 class) E2MPV06A6 (4 & 6 class) E2MPV10A6 (8 & 10 class)	
	3-ways proportional valve kit (4-pipe)						E4MPV03A6 (1 up to 35 class) E4MPV06A6 (4 & 6 class) E4MPV10A6 (8 & 10 class)	
	2-ways proportional valve kit (cooling heat exchanger)						E2MPV207A6 (1 up to 6 class) E2MPV210A6 (8 & 10 class)	
	E2MPV207A6 2-ways proportional valve kit (additional heat exchanger)						•	

FWL-DAT/DAF	FWS-AT/AF	FWM-DAT/DAF	FWT-CT	FWE-CT/CF	FWP-AT	FWB-BT	FWD-AT/AF	FWN-AT/AF
E2MV03A6 (1 up to 35 class) E2MV06A6 (4 & 6 class) E2MV10A6 (8 & 10 class)	E2MV03A6 (2, 3 & 6 class) E2MV10A6 (8 class)	E2MV03A6 (1 up to 35 class) E2MV06A6 (4 & 6 class) E2MV10A6 (8 & 10 class)		EK2MV3B10C5			ED2MV04A6 (4 class) ED2MV10A6 (6, 8 & 10 class) ED2MV12A6 (12 class) ED2MV18A6 (16 & 18 class)	ED2MV04A6 (4 & 5 class) ED2MV10A6 (6 up 10 class)
E4MV03A6 (1 up to 35 class) E4MV06A6 (4 & 6 class) E4MV10A6 (8 & 10 class)	E4MV03A6 (2, 3 & 6 class) E4MV10A6 (8 class)	E4MV03A6 (1 up to 35 class) E4MV06A6 (4 & 6 class) E4MV10A6 (8 & 10 class)		EK2MV3B10C5			ED4MV04A6 (4 class) ED4MV10A6 (6, 8 & 10 class) ED4MV12A6 x 2 (12 class) ED4MV18A6 x 2 (16 & 18 class)	ED4MV04A6 (4 & 5 class) ED4MV10A6 (6 up 10 class)
				EK2MV2B10C5				
				EK4MV2B10C5				
E2MV2B07A6 (1 up to 6 class) E2MV2B10A6 (8 & 10 class)	E2MV2B07A6 (2 up to 6 class) E2MV2B10A6 (8 class)	E2MV2B07A6 (1 up to 6 class) E2MV2B10A6 (8 & 10 class)				E2MV207A6 (2 up to 7 class) E2MV210A6 (8 & 10 class)		
E2MV2B07A6	E2MV2B07A6	E2MV2B07A6			E2MV207A6	E2MV207A0 (2 up to 7 class) E2MV210A6 (8 & 10 class)		
E2MVD03A6 (1 up to 35 class) E2MVD06A6 (4 & 6 class) E2MVD10A6 (8 & 10 class)	E2MVD03A6 (2 & 3 class) E2MVD06A6 (6 class) E2MVD10A6 (8 class)	E2MVD03A6 (1 up to 35 class) E2MVD06A6 (4 & 6 class) E2MVD10A6 (8 & 10 class)						
E4MVD03A6 (1 up to 35 class) E4MVD06A6 (4 & 6 class) E4MVD10A6 (8 & 10 class)	E4MVD03A6 (2 & 3 class) E4MVD06A6 (4 & 6 class) E4MVD10A6 (8 & 10 class)	E4MVD03A6 (1 up to 35 class) E4MVD06A6 (4 & 6 class) E4MVD10A6 (8 & 10 class)						
E2M2V03A6 (1 up to 35 class) E2M2V06A6 (4 & 6 class) E2M2V10A6 (8 & 10 class)	E2M2V03A6 (2 & 3 class) E2M2V06A6 (6 class) E2M2V10A6 (8 class)	E2M2V03A6 (1 up to 35 class) E2M2V06A6 (4 & 6 class) E2M2V10A6 (8 & 10 class)						
E4M2V03A6 (1 up to 35 class) E4M2V06A6 (4 & 6 class) E4M2V10A6 (8 & 10 class)	E4M2V03A6 (2 & 3 class) E4M2V06A6 (6 class) E4M2V10A6 (8 class)	E4M2V03A6 (1 up to 35 class) E4M2V06A6 (4 & 6 class) E4M2V10A6 (8 & 10 class)						
E2M2V207A6 (1 up to 35 class) E2M2V210A6 (8 & 10 class)	E2M2V207A6 (2, 3 & 6 class) E2M2V210A6 (8 class)	E2M2V207A6 (1 up to 35 class) E2M2V210A6 (8 & 10 class)						
•	•	•						
E2MPV03A6 (1 up to 35 class) E2MPV06A6 (4 & 6 class) E2MPV10A6 (8 & 10 class)		E2MPV03A6 (1 up to 35 class) E2MPV06A6 (4 & 6 class) E2MPV10A6 (8 & 10 class)						
E4MPV03A6 (1 up to 35 class) E4MPV06A6 (4 & 6 class) E4MPV10A6 (8 & 10 class)		E4MPV03A6 (1 up to 35 class) E4MPV06A6 (4 & 6 class) E4MPV10A6 (8 & 10 class)						
E2MPV207A6 (1 up to 6 class) E2MPV210A6 (8 & 10 class)		E2MPV207A6 (1 up to 6 class) E2MPV210A6 (8 & 10 class)						
•		•						

Options & accessories - Fan coil units

	INDOOR UNITS	FWG-AT/AF	FWC-BT/BF	FWF-BT/BF	FWF-CT	FWZ-AT/AF	FWV-DAT/DAF	FWR-AT/AF
Adapters	Installation box/Mounting plate for adapter PCBs (when there is no space in the switchbox)		KRP1H98	KRP1BA101				
	Wiring adapter for electrical appendices		KRP2A52 (2) KRP4AA53 (2)	KRP2A52 (2) KRP4AA53 (2)				
	EKROROA Remote ON/OFF			●				
	Remote sensor		KRCS01-4	KRCS01-1				
	EKFCMBCB Optional PCB for MODBUS connection		●	●				
	EKRP1C11 Wiring adapter with 4 output signals for valve control PDB		●					
	FWTSKA Temperature sensor kit					●	●	●
	FWHSKA Relative humidity sensor kit					●	●	●
	YFSTA6 Fan stop thermostat						●	
	EPIMSA6 Master-slave interface						●	
	EPIB6 Power interface							
Others	KDDQ44XA60 Fresh air intake kit (direct installation type)			●				
	KDDQ55C140 Fresh air intake kit - 20% fresh air (direct installation type)		●					
	Fresh air intake					EFA02A6 (2 class) EFA03A6 (3 class) EFA06A6 (6 class) EFA10A6 (8 class)	EFA02A6 (1, 15 & 2 class) EFA03A6 (25 & 3 class) EFA06A6 (35, 4 & 6 class) EFA10A6 (8 & 10 class)	EFA02A6 (2 class) EFA03A6 (3 class) EFA06A6 (6 class) EFA10A6 (8 class)
	KJB212A Electrical box with earth terminal (2 blocks)		●	●				
	KJB311A Electrical box with earth terminal (3 blocks)		●	●				
	KJB411A Eletrical box with earth terminal		●	●				
	Electric heater (standard)					EEH02A6 (2 class) EEH03A6 (3 class) EEH06A6 (6 class) EEH10A6 (8 class)	EEH01A6 (1 class) EEH02A6 (15 & 2 class) EEH03A6 (25 & 3 class) EEH06A6 (35, 4 & 6 class) EEH10A6 (8 & 10 class)	EEH02A6 (2 class) EEH03A6 (3 class) EEH06A6 (6 class) EEH10A6 (8 class)
	Electric heater (big)							
	Additional heat exchanger					ESRH02A6 (2 class) ESRH03A6 (3 class) ESRH06A6 (6 class) ESRH10A6 (8 class)	ESRH02A6 (1, 15 & 2 class) ESRH03A6 (25 & 3 class) ESRH06A6 (35, 4 & 6 class) ESRH10A6 (8 & 10 class)	ESRH02A6 (2 class) ESRH03A6 (3 class) ESRH06A6 (6 class) ESRH10A6 (8 class)
	Supporting feet					ESFV06A6 (2, 3 and 6 class) ESFV10A6 (8 class)	ESFV06A6 (1 up to 6 class) ESFV10A6 (8 & 10 class)	ESFV06A6 (2, 3 and 6 class) ESFV10A6 (8 class)
	Supporting feet and grille					ESFVG02A6 (2 class) ESFVG03A6 (3 class) ESFVG06A6 (6 class) ESFVG10A6 (8 class)	ESFVG02A6 (1, 15 & 2 class) ESFVG03A6 (25 & 3 class) ESFVG06A6 (35, 4 & 6 class) ESFVG10A6 (8 & 10 class)	ESFVG02A6 (2 class) ESFVG03A6 (3 class) ESFVG06A6 (6 class) ESFVG10A6 (8 class)
	Plenum box with circular connections							
	Vertical auxiliary drain pan					EDPVB6	EDPVB6	EDPVB6
	Horizontal auxiliary drain pan					EDPHB6	EDPHB6	EDPHB6

2. Requires KRP1H98

FWL-DAT/DAF	FWS-AT/AF	FWM-DAT/DAF	FWT-CT	FWE-CT/CF	FWP-AT	FWB-BT	FWD-AT/AF	FWN-AT/AF
•	•	•		•	•	•		•
•	•	•		•	•	•	•	•
•		•				•	•	•
•		•		•		•	•	•
							• (only 12, 16 & 18 class)	
EFA02A6 (1, 15 & 2 class) EFA03A6 (25 & 3 class) EFA06A6 (35, 4 & 6 class) EFA10A6 (8 & 10 class)	EFA02A6 (2 class) EFA03A6 (3 class) EFA06A6 (6 class) EFA10A6 (8 class)	EFA02A6 (1, 15 & 2 class) EFA03A6 (25 & 3 class) EFA06A6 (35, 4 & 6 class) EFA10A6 (8 & 10 class)					EDMFA04A6 (4 class) EDMFA06A6 (6 class) EDMFA10A6 (8 & 10 class) EDMFA12A6 (12 class) EDMFA18A6 (16 & 18 class)	EDMFA04A6 (4 & 5 class) EDMFA06A6 (6 & 7 class) EDMFA10A6 (8 & 10 class)
EEH01A6 (1 class) EEH02A6 (15 & 2 class) EEH03A6 (25 & 3 class) EEH06A6 (35, 4 & 6 class) EEH10A6 (8 & 10 class)	EEH02A6 (2 class) EEH03A6 (3 class) EEH06A6 (6 class) EEH10A6 (8 class)	EEH01A6 (1 class) EEH02A6 (15 & 2 class) EEH03A6 (25 & 3 class) EEH06A6 (35, 4 & 6 class) EEH10A6 (8 & 10 class)			Factory mounted	Factory mounted	EDEH04A6 (4 class) EDEHS06A6 (6 class) EDEHS10A6 (8 & 10 class) EDEHS12A6 (12 class) EDEHS18A6 (16 & 18 class)	EDEH04A6 (4 & 5 class) EDEHS06A6 (6 & 7 class) EDEHS10A6 (8 & 10 class)
							EDEH04A6 (4 class) EDEHB06A6 (6 class) EDEHB10A6 (8 & 10 class) EDEHB12A6 (12 class) EDEHB18A6 (16 & 18 class)	EDEH04A6 (4 & 5 class) EDEHB06A6 (6 & 7 class) EDEHB10A6 (8 & 10 class)
ESRH02A6 (1, 15 & 2 class) ESRH03A6 (25 & 3 class) ESRH06A6 (35, 4 & 6 class) ESRH10A6 (8 & 10 class)	ESRH02A6 (2 class) ESRH03A6 (3 class) ESRH06A6 (6 class) ESRH10A6 (8 class)	ESRH02A6 (1, 15 & 2 class) ESRH03A6 (25 & 3 class) ESRH06A6 (35, 4 & 6 class) ESRH10A6 (8 & 10 class)			EAH04A6 (2-4 class) EAH07A6 (5-7 class)	EAH04A6 (2-4 class) EAH07A6 (5-7 class) EAH10A6 (8-10 class)		
ESFV06A6 (1 up to 6 class) ESFV10A6 (8 & 10 class)	ESFV06A6 (2, 3 & 6 class) ESFV10A6 (8 class)	ESFV06A6 (1 up to 6 class) ESFV10A6 (8 & 10 class)						
ESFVG02A6 (1, 15 & 2 class) ESFVG03A6 (25 & 3 class) ESFVG06A6 (35, 4 & 6 class) ESFVG10A6 (8 & 10 class)	ESFVG02A6 (2 class) ESFVG03A6 (3 class) ESFVG06A6 (6 class) ESFVG10A6 (8 class)	ESFVG02A6 (1, 15 & 2 class) ESFVG03A6 (25 & 3 class) ESFVG06A6 (35, 4 & 6 class) ESFVG10A6 (8 & 10 class)						
	EPCC02A6 (2 class) EPCC03A6 (3 class) EPCC06A6 (6 class) EPCC10A6 (8 class)	EPCC02A6 (1,15 & 2 class) EPCC03A6 (25 & 3 class) EPCC06A6 (35, 4 & 6 class) EPCC10A6 (8 & 10 class)						
EDPVB6	EDPVB6	EDPVB6					EDDPV10A6 (4, 6, 8, 10 class) EDDPV18A6 (12, 16 & 18 class)	EDDPV10A6
EDPHB6	EDPHB6	EDPHB6					EDDPH10A6 (4, 6, 8, 10 class) EDDPH18A6 (12, 16 & 18 class)	EDDPH10A6

Daikin air handling units, with their plug-and-play design and inherent flexibility, can be configured and combined specifically to meet the exact requirements of any building, no matter what it is used for or who is to work there. Our systems are designed to be the most environmentally friendly and the most energy efficient on the market, thus reducing their ecological impact, while, at the same time, keeping costs down through the minimisation of energy consumption.

When combined with the small physical footprint of the system, these features make our air handling units ideal for all markets.

Air handling units

Why choose Daikin air handling units? 526

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Software and Eurovent certification 531
The working principle at a glance 532
D-AHU Professional 534
D-AHU Modular R 535
UNIQUE Daikin fresh air package 536

Options 537

Daikin air handling units

Why choose Daikin air handling units?

- Maximum energy efficiency and indoor air quality
- Wide range of functions and options
- **High quality** components
- **Innovative** technology: Unique features and state of the art technology for short payback
- Operation **efficiency** and energy **savings**
- Outstanding **reliability** and **performance**
- Various applications are possible including air conditioning applications, industry-type process cooling, and large-scale district heat source systems.
- Plug and play concept for easy installation and commissioning
- Unique Daikin fresh air package available for connection of AHU to VRV or ERQ

Benefits for the installer

› Simple precise commissioning through pre-programmed DDC controller
› Reduced installation time thanks to internal electrical wiring and external terminal connections avoiding drilling into unit panels
› Flush mounted electrical control panel avoiding risk of damage during transport and installation

Benefits for the consultant

› Quick selection tool - in-house developed web software with improved user interface allowing for a professional report in a few clicks
› Unlimited configuration options

Benefits for the end user

› Energy efficient controls, allowing the user to determine a wide range of settings, resulting in excellent operational flexibility
› Safe operation - fully integrated electrical panel for units taller than 80cm
› Amazing tailor made capability to meet the specific customer needs

Marketing tools

› Watch the time-lapse video of a Daikin AHU construction on www.youtube.com/daikineurope

› Download our brochure on air handling units from my.daikin.eu

› Follow the wizard and select or modify your Modular or Professional AHU in a few clicks!

Packaged control solution for Daikin AHU

› Electrical control panel complete with Direct Digital Control (DDC) controller
› Internal fitting of all sensors and pressure measurement devices
› Built-in temperature, humidity and CO_2 sensors
› Internal electrical wiring for all components

Energy efficient while focusing on maximum comfort

› Set points can be specified for supply, return or room temperature
› Precise control of all AHU components such as mixing dampers, heat recovery wheels, water valves, pressure switches for filters and fans, fan motors and inverters

Plug and play design

› Low voltage fast connectors in between AHU sections

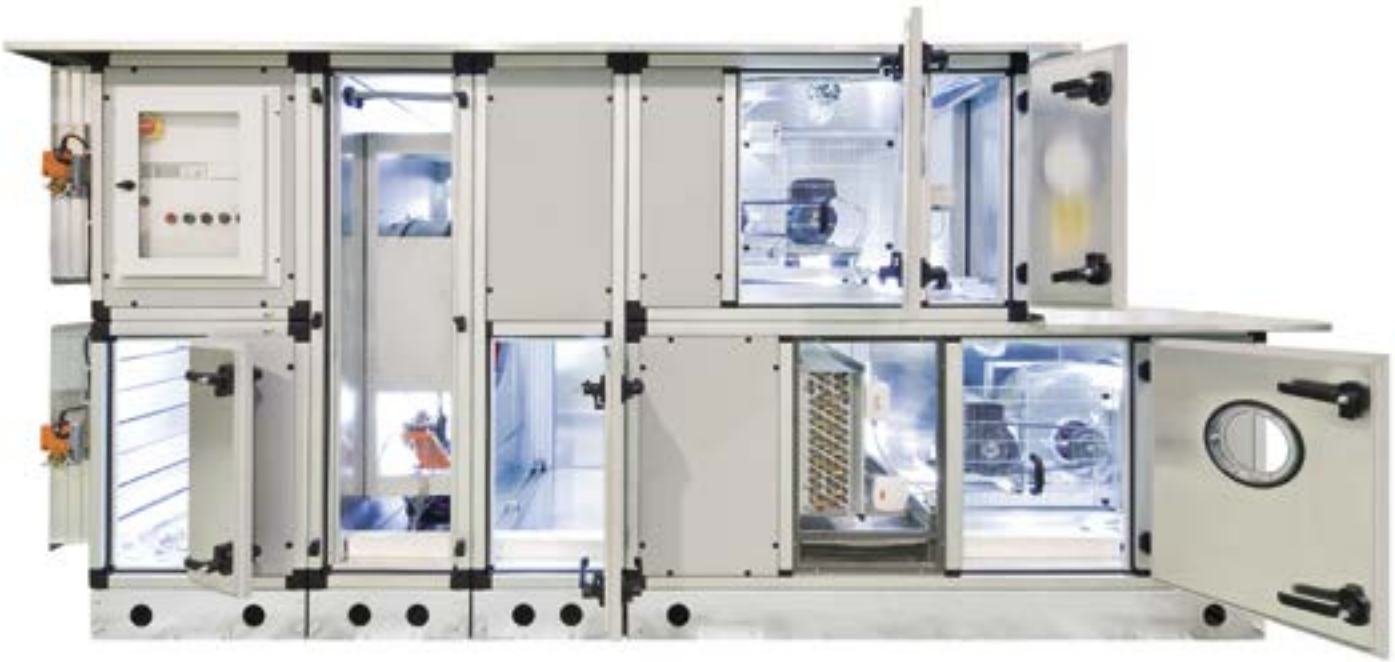
Easy start-up and commissioning

› Pre-programmed and factory-tested controls ensuring all wiring is installed correctly
› Reduced energy and operating costs

Daikin Fresh air package

Unique in the market

› Plug and play connection of Professional or Modular R AHU to Daikin VRV and ERQ
› Factory mounted package containis a.o. expansion valve, electronic interface and sensors
› Ensuring high efficiency and comfort



SMART CONTROLS

DAMPER AND EC FAN

HEAT RECOVERY
WHEEL AND FILTER

D-AHU MODULAR R INSTALLATION

COMFORTABLE INDOOR CLIMATE

Products overview

D-AHU Professional

Air flow (m³/h x 1,000)

140
120
100
90
80
70
60
50
40
20
0

750 m³/h
up to 144,000 m³/h

Professional
› Pre-configured sizes
› **Tailored to the individual customer**
› Modular construction

Modular R
› Pre-configured sizes
› Plug and play concept
› EC fan technology
› **Heat recovery wheel (sorption and sensible**
› **technology)**
› **Compact design**

D-AHU
Modular R

500 m³/h
up to 25,000 m³/h

Available beginning 2017

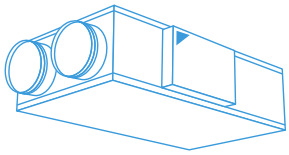
Modular P
› Pre-configured sizes
› Plug and play concept
› EC Fan technology
› **High efficiency aluminium counter flow plate heat exchanger**
› **Compact design**

D-AHU
Modular P

500 m³/h
up to 15,000 m³/h

Available beginning 2017

Modular L
› Pre-configured sizes
› Plug and play concept
› EC Fan technology
› **High efficiency aluminium counter flow plate heat exchanger**
› **Low height unit**
› **For false ceiling applications**



D-AHU
Modular L

250 m³/h
up to 2,500 m³/h

Selection software

ASTRA Web

› Quick AHU selection that will save you precious time, drastically reducing selection time through the new software interface.
› Very competitive solution available within the Wizard thanks to pre-uploaded parameters.
› High selection quality, thanks to the intelligence embedded within the software core.

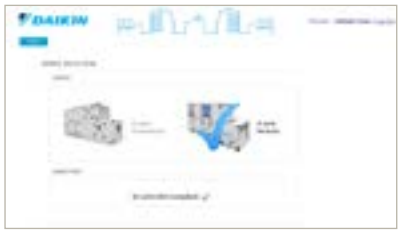
Quickly select your air handling unit by following the wizard:

1. Select the series: D-AHU Professional or D-AHU Modular R
2. Insert the air flow supply and return
3. Insert the summer/winter air supply setpoint
4. Insert the summer/winter outdoor and extract temperature

You will get immediately your 3D result and it's ready to customize!

Adding or changing the components: coils for the Modular R or filters, recuperators etc for the Professional range.
Options as insultation type and metal sheet can be selected.

When finished a technical report, price list, fan curve chart and psychrometric chart can be generated. These final reports can be downloaded in different formats.



Eurovent certification

Daikin Applied Europe S.p.A. participates in the Eurovent Certified Performance programme for Air Handling Units.
Check ongoing validity of certificate:
www.eurovent-certification.com
or www.certiflash.com

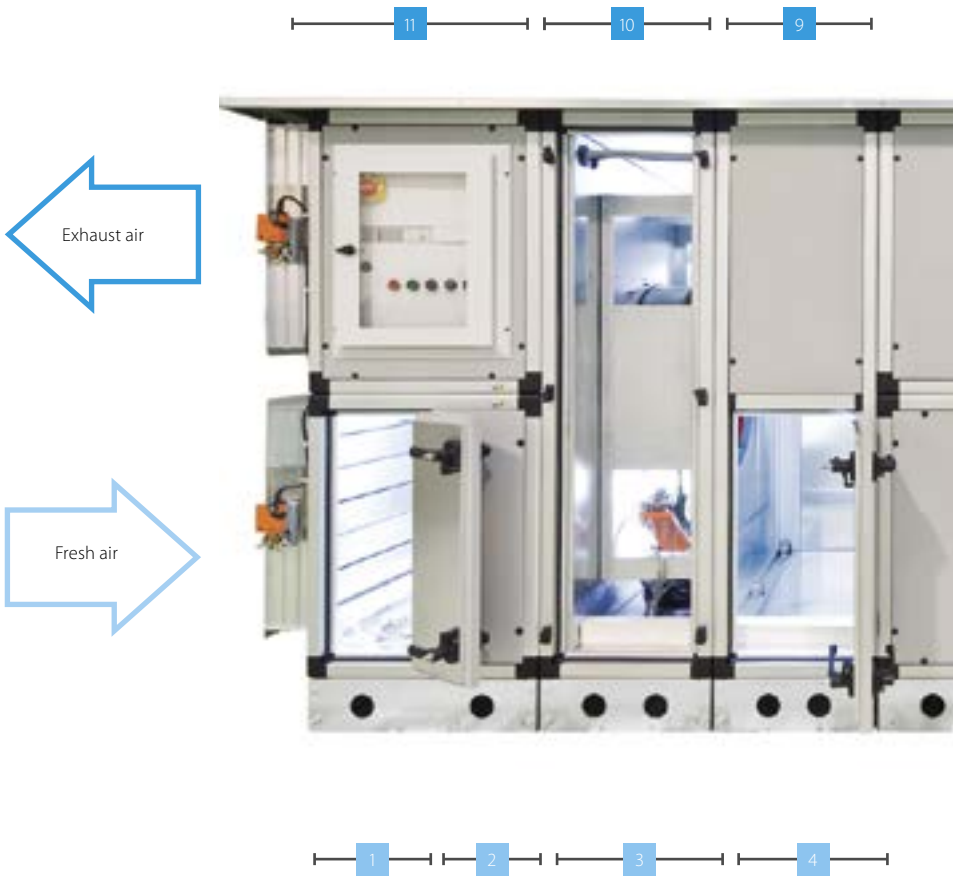
Result sp65	Eurovent Classification according to EN1886					
D1	Casing strength class	D1	D2	D3		
	Max. relative deflection mm x m^{-1}	4.00	10.00	EXCEEDING10		
L1	Casing air leakage class at -400 Pa	L1	L2	L3		
	Max. leakage rate (f_{400}) l x s^{-1} x m^{-2}	0.15	0.44	1.32		
L1	Casing air leakage class	L1	L2	L3		
	Max. leakage rate (f_{700}) l x s^{-1} x m^{-2}	0.22	0.63	1.90		
F9	Filter bypass leakage class	F9	F8	F7	F6	G1 TO F5
	Max. filter bypass leakage rate k in % of the volume flow rate	0.50	1	2	4	6
T2	Thermal transmittance	T1	T2	T3	T4	T5
	(U) W/m^2 x K	U <= 0.5	0.5 < U <= 1	1 < U <= 1.4	1.4 < U <= 2	No requirements
TB2	Thermal bridging factor	TB1	TB2	TB3	TB4	TB5
	(kb) W x m^{-2} x K-1	0.75 < K_b <= 1	0.6 < K_b <= 0.75	0.45 < K_b <= 0.6	0.3 < K_b <= 0.45	No requirements

The working principle at a glance

Typical configurations for Daikin air handling units provide a versatile range of functions.
Our system offers numerous options for customisation through an extensive range of variations and added functionality.

Supply side

1. Damper section including ventilation grilles, factory-mounted actuators
2. Bag filter with factory-mounted differential pressure manometer and hinged door
3. Heat recovery system (plate heat exchanger or rotation heat exchanger)
4. Mixing box with damper and factory-mounted actuators
5. R-410A with heat recovery system with galvanised condensate tray and drip protection
6. Supply air fan (with hinged door, opening, drive monitoring, mounted and cabled lighting and ON/OFF switch)



Fans
- EC plug fan
- Forward curved fan
- Backward curved fan
- Backward airfoil blades fan
- Plug fan

Exchangers
- Water coils
- Steam coils
- Direct expansion coil
- Superheated water coils
- Electric coils

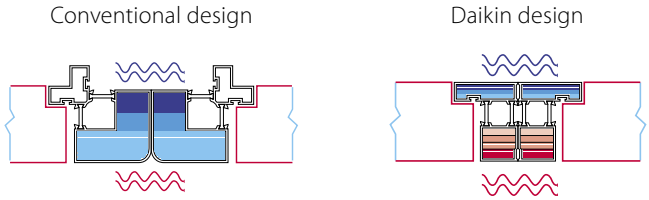
Humidifiers
- Evaporative humidifier without pump (loss water)
- Evaporative humidifier with re-circulating pump
- Air washer without pump (loss water)
- Air washer with re-circulating pump
- Steam humidifier with direct steam production
- Steam humidifier with local distributor
- Atomized water spray humidifier

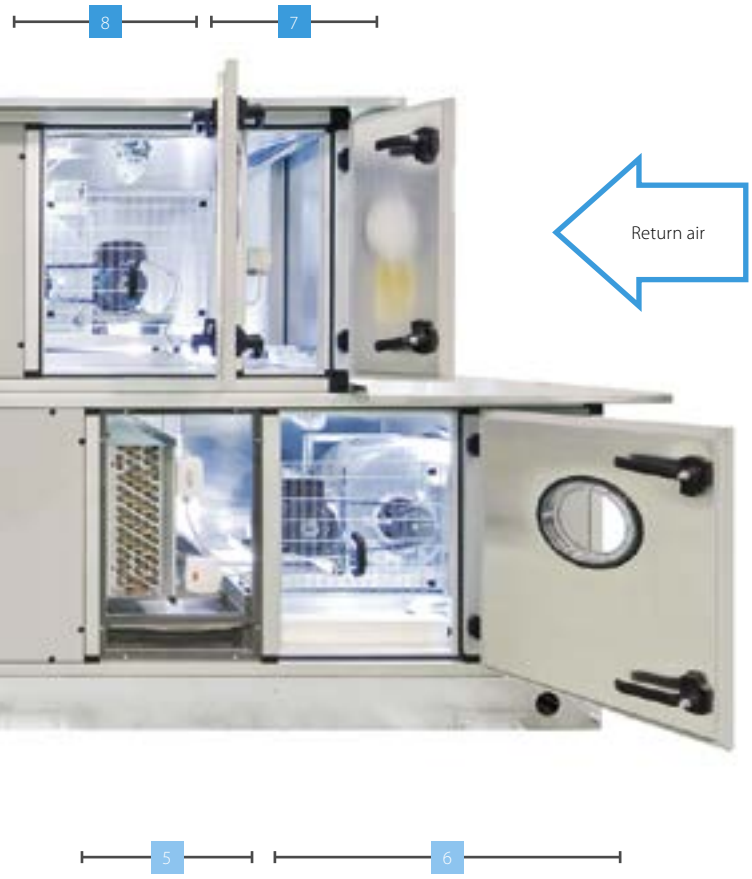
Control system on plug and play solution basis

› Air temperature control
› Chilled water and DX cooling system control
› Free cooling
› CO_2 automatic control

Unique section to section thermal break profile

› Thermal bridge free for the entire AHU
› Smooth interior surface with improved IAQ (Indoor Air Quality)





Return side

7 Bag filter with factory-mounted differential pressure manometer and hinged door.

8 Exhaust air fan (with hinged door, opening, drive monitoring, mounted and cabled lighting and ON/OFF switch)

9 Mixing box with damper and factory-mounted actuators

10 Heat recovery system (plate heat exchanger or rotation exchanger)

11 Damper section including ventilation grilles, factory-mounted actuators

Heat recovery systems
› Heat wheel, sensible or sorption
› Plate heat exchanger (optional bypass)
› Run-around coils

Other section
› Attenuator section
› Mixing box section with actuators or manual controlled dampers
› Empty section

Filters
› Synthetic pleated filter
› Flat filter aluminium mesh
› Rigid bag filter
› Soft bag filter
› High efficiency filter
› Carbon absorption filter
› Carbon deodorizing filter

Accessories
› Control features
› Frost protection
› Manometers
› Drive guard
› Roof
› …

Professional

Flexible solution for custom applications

Flexible design

Daikin Professional air handlers are tailored to your needs, optimizing always the unit for the most cost-effective selection and manufacturing standardization.

› Air flow from 500 m^3/h up to 144,000 m^3/h.
› All the units can be modularly designed to facilitate the transport and the assembly on site.

Variable dimensioning

Size	Airflow (m^3/h)	Height - mm	Width - mm
1	1,800	640	720
2	2,200	640	810
3	3,500	740	980
4	5,400	840	1,190
5	6,600	840	1,390
6	7,600	940	1,390
7	9,000	1,090	1,380
8	11,000	1,150	1,550
9	14,000	1,270	1,720
10	18,300	1,390	1,970
11	23,800	1,570	2,190

Size	Airflow (m^3/h)	Height - mm	Width - mm
12	29,800	1,690	2,480
13	33,800	1,870	2,510
14	43,200	1,990	2,940
15	51,000	2,110	3,230
16	63,000	2,290	3,620
17	68,000	2,290	3,890
18	77,000	2,290	4,410
19	87,000	2,410	4,660
20	95,400	2,470	4,960
21	111,200	2,590	5,460
22	127,000	2,650	6,060

› 1 cm increment for width & height dimensions
› No additional cost for customized unit size
› No additional lead time

Example

Airflow (m^3/h)	Unit Size	Height (mm)	Width (mm)	Face Velocity (m/s)
47,000	Size 15	2,110	3,230	2.27
	1,920x2,720	2,110	2,950	2.5

Plug and play: More control, more flexibility

The plug and play control system allows for more precise control than ever before, allowing the user to determine a wide range of settings, resulting in excellent operational flexibility.
The factory-fitted electrical control panel, complete with Direct Digital Control (DDC) is combined with in-built temperature, humidity and CO_2 sensors to control mixing dampers, heat recovery wheels, water valves, pressure switches for filters and fans, fan motors and inverters.
All these components are wired internally and individual AHU modules are linked by fast connectors.
The AHU control system can manage the chilled water coil, hot water coil, DX cooling and/or heating coil(s) (in conjunction with ERQ/VRV) of single or multiple refrigerant circuits (up to a maximum of four circuits per DX coil).

Modular R

High-end solution with heat recovery

Energy efficiency and indoor air quality

- Predefined sizes
- IE4 premium efficiency motor
- High efficiency heat wheel (heat recovery)
- Compact design
- Advanced control features
- Easy installation
- Indoor air quality compliant with VDI 6022 hygiene guideline
- Operating limits from -25 °C, -40 °C with electric heaters, up to +46 °C ambient temperature
- VRV IV and ERQ coupling capability
- Indoor and outdoor versions
- Free cooling capability
- Economy and Night mode operation
- Monitoring and control through Daikin ITM

EC Fan

- Air flow or pressure control (Variable Air Volume - Constant Air Volume)
- Nominal air flow programmed at factory
- Silent operation

Simple, quick installation

The Modular series' Plug and play design is more than just a convenient feature for installers. It offers cost-saving benefits as there is no need for expensive adjustments before the unit is commissioned.
Plug and play makes everyone's life simpler, safer and more economical.

D-AHU Modular R			1	2	3	4	5	6	7	8	9	10
Airflow		m^3/h	1,200	1,700	2,700	4,100	5,500	6,100	7,000	9,100	11,500	15,000
Temp. efficiency winter		%	81.30	76.60	76.90	77.20	76.80	77.10	78.10	77.20	77.20	77.90
External static pressure	Nom.	Pa	200	200	200	200	200	200	200	200	200	200
Current	Nom.	A	2.64	3.98	2.20	3.3	4.10	4.60	4.98	6.48	8.52	10.68
Power input	Nom.	kW	0.59	0.89	1.40	2.03	2.60	2.84	3.10	4.14	5.20	6.68
SFPv		$kW/m^3/s$	1.78	1.88	1.86	1.78	1.70	1.68	1.60	1.64	1.63	1.60
Electrical supply	Phase	ph	1	1	1	3+N	3+N	3+N	3+N	3+N	3+N	3+N
	Frequency	Hz	50	50	50	50	50	50	50	50	50	50
	Voltage	V	230	230	400	400	400	400	400	400	400	400
Dimensions unit	Length	mm	1,320	1,320	1,540	1,740	1,740	1,920	1,920	2,180	2,460	2,570
	Depth	mm	1,700	1,700	1,800	1,920	2,080	2,280	2,400	2,450	2,280	2,400
	Height overall	mm	720	820	990	1,200	1,400	1,400	1,600	1,940	1,940	2,300
Weight unit		kg	325	350	475	575	750	790	950	1,330	1,410	1,750
Sound level at 1m		Lp dB(A)*	36	43	38	41	42	41	41	39	42	40

Daikin fresh air package

Unique in the market

Plug and play connection of AHU to Daikin VRV and ERQ

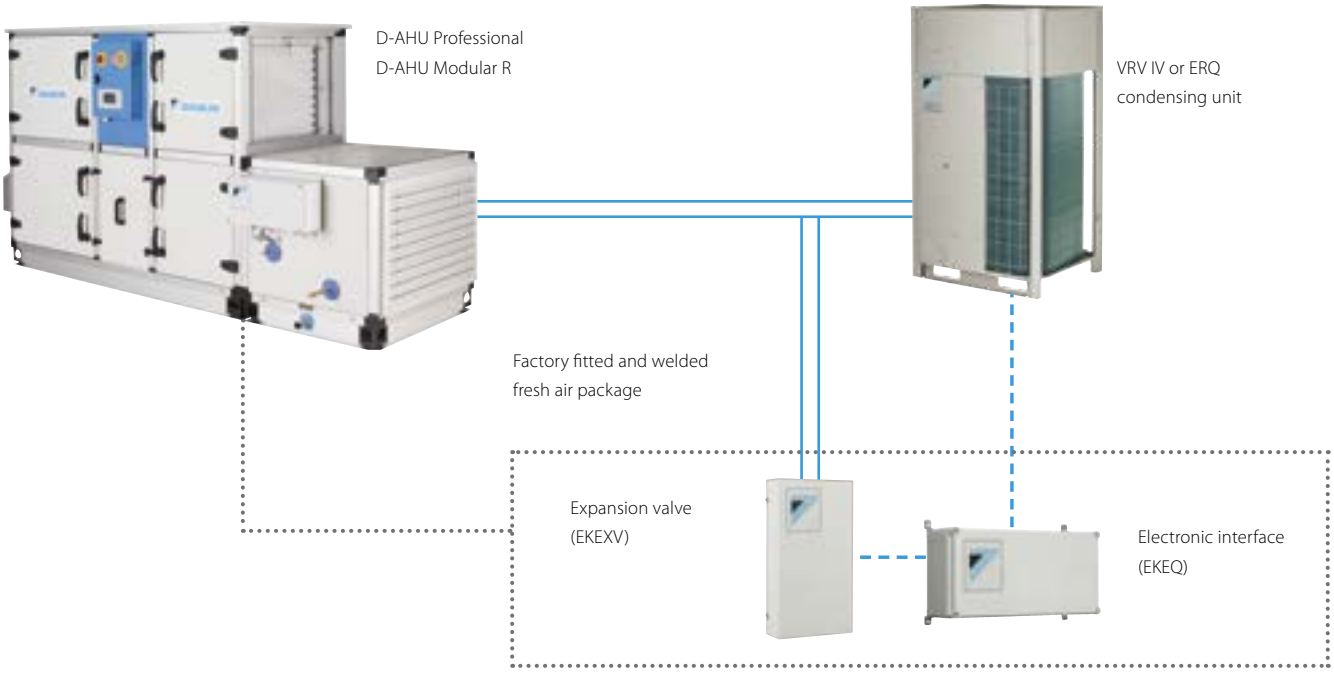
The Daikin fresh air package provides a complete solution, including all unit controls (expansion valve, control box and AHU controller) and sensors factory mounted and configured.

Higher efficiency

Daikin heat pumps are renowned for their high energy efficiency. Integrating the AHU with a heat recovery system is even more effective since an office system can frequently be in cooling mode while the outdoor air is too cold to be brought inside in an unconditioned state. In this case heat from the offices is merely transferred to heat up the cold incoming fresh air.

High comfort levels

Daikin ERQ and VRV units respond rapidly to fluctuations in supply air temperature, resulting in a steady indoor temperature and resulting in high comfort levels for the end user. The ultimate is the VRV range which improves comfort even more by offering continuous heating, also during defrost.



For more information on the connection of VRV or ERQ DX units with air handling units refer to the chapter Ventilation & Biddle air curtains of this catalogue

Construction type		SP 65	SP 45
Profile	Anodized aluminium	option	option
	Anodized aluminium with thermal break	option	option
Corner	Glass fibre reinforced nylon	standard	standard
Panel insulation	Polyurethane foam density 40 kg/m^3 thermal conductivity 0.022 W/m*K fire reaction class b-s2, diam. as per EN13501-1	standard	standard
	Mineral wool density 120 kg/m^3 thermal conductivity 0.036 W/m*K (referred to 20°C) fire reaction class A1 as per EN 135011	option	option
External sheet material	Pre-coated galvanized steel	option	option
	Aluzinc	standard	standard
	Galvanized steel	option	option
	Aluminium	option	option
	AISI 304 stainless steel	option	option
Internal sheet material	Pre-coated galvanized steel	option	option
	Aluzinc	standard	standard
	Aluminium	option	option
	AISI 304 stainless steel	option	option
Base frame	Aluminium up to 35,000 m^3/h	standard	standard
	Galvanized steel from 35,000 m^3/h	standard	standard
Handle	Glass fibre reinforced nylon	standard	standard
Type	Compression type	standard	standard
	Hinge function type (possibility to remove door)	option	option

Daikin is a strong challenger in the refrigeration market. We can create the ideal solution for each customer's specific situation. As our products contain the latest technologies we ensure the highest energy efficiency. Our units are rigorously tested in order to provide you reliable operation. With the acquisition of Zanotti, we expand our refrigeration business providing a larger and more diverse product line for all aspects in the cold chain.

Refrigeration

Why choose Daikin refrigeration? 540

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Booster unit 557
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Options 557

NEW Zanotti range 559

For latest data, please consult my.daikin.eu

Refrigeration

Why choose Daikin refrigeration?

- **High efficient** solutions to match your refrigeration needs
- With the acquisition of Zanotti refrigeration group we will **extend our product range** which allows us to fullfill any refrigeration demand to guarantee the complete cold chain
- Innovative and reliable technology including heat recovery solutions:
  proven and tested for ZEAS and CONVENI-PACK
- Compliant with **new F-Gas regulation** (R-410A)
- Urban proof solutions in terms of **compact dimensions** and **low sound levels**

Benefits for the installer/consultant

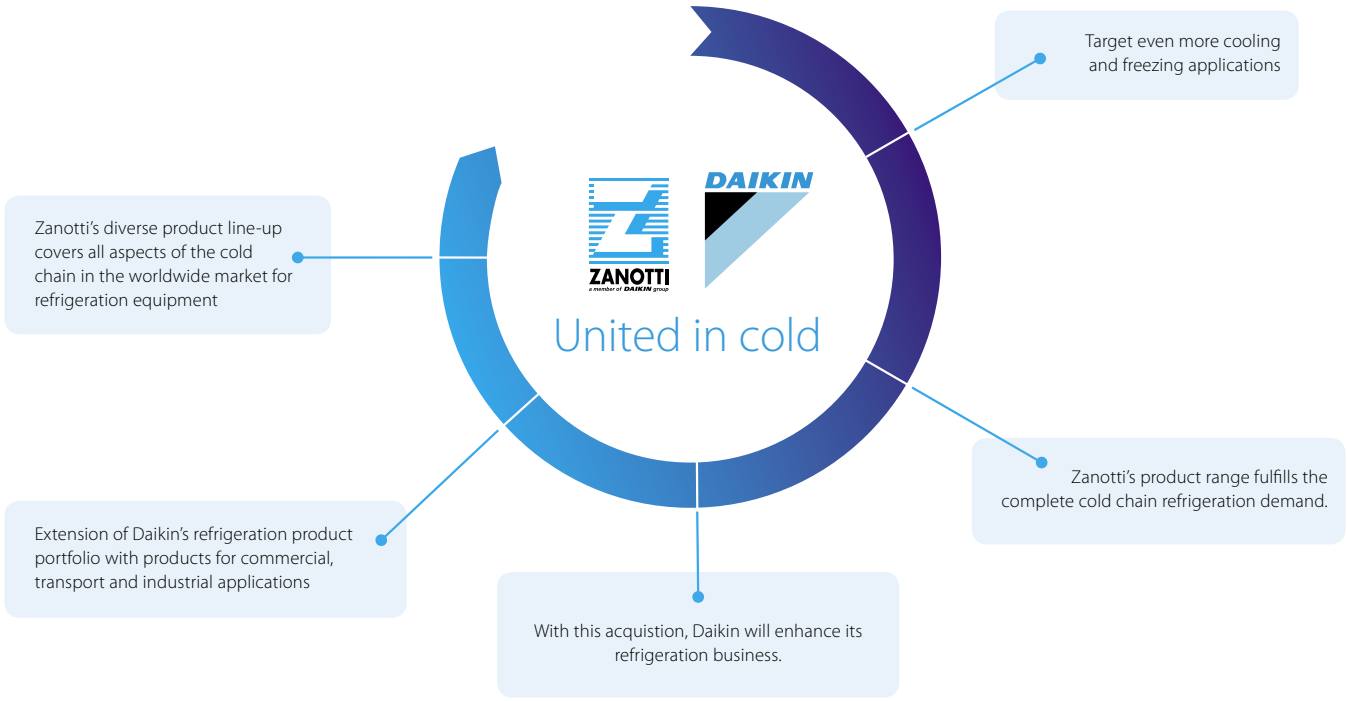
› Plug and play solutions through monobloc and bi-bloc systems
› Pre-charged and factory-tested
› Compact design for restricted installation space
› Shorter delivery time for Conveni-Pack and ZEAS as they are manufactured in Europe
› Easy and intuitive selection of outdoor condensing units with Refrigeration Xpress
› Wide range to match most refrigeration needs according to F-gas Regulation

Benefits for the end user

› High efficiency technology for high ROI
› Heat recovery technology on Conveni-Pack
› Proven reliability and high performance
› Ideal for urban applications
› Contributing to better environment thanks to low total equivalent warming impact

Selection software: Refrigeration Xpress

User-friendly design and selection software for Conveni-Pack, CCU/SCU, monoblocks, bi-blocks and ZEAS condensing units. Its detailed report includes a list of materials, piping and wiring diagrams, and device options.



References

"We wanted a future-proof, energy efficient and proven technology with high reliability."
Bakery cooperative, Germany

'With Conveni-Pack, we have a complete and totally reliable solution for all our heating and air conditioning needs, as well as for refrigerating all our fresh and frozen products.'
Food store, Austria

In a German supermarket Conveni-Pack teams up with ZEAS to supply service counters, fridges, an air curtain and indoor A/C units, a cooling storage room and deep-freeze cabinets.

ZEAS (LREQ-BY1)

ZIGGO DOME, EVENT HALL
ZEAS FOR COOLING (6) AND FREEZING (2)

CHILLED WITH ZEAS

BÄKO WEST EG, BAKERY CO-OPERATIVE
ZEAS FOR COOLING (6) AND FREEZING (6)

E. LECLERC, HYPERMARKET
ZEAS

EDEKA, SUPERMARKET
CONVENI-PACK (2) AND ZEAS (1)

Products overview

Model	Product name	Capacity (kW)	0	2	5	10	25	50	100	150	300	450
Small inverter condensing unit for commercial refrigeration	Mini-ZEAS LRMEQ-BY1											
Inverter condensing unit for commercial refrigeration	ZEAS LREQ-BY1											
	Multi ZEAS LREQ-BY1R											
Integrated solution for chilling, freezing and comfort cooling and heating	Conveni-Pack LRYEQ-AY											
Booster unit to allow both ZEAS and Conveni-Pack freezing applications	Booster unit LCBKQ-AV1											
Commercial condensing units with reciprocating technology	CCU JEHCCU-M1/M3/L1/L3 JEHCCU-CM1/CM3											
Commercial condensing units with scroll technology	SCU JEHSCU-M1/M3/L3 JEHSCU-CM1/CM3											

Chilling Freezing Air conditioning Heating

ZEAS condensing unit for refrigeration

Why choose ZEAS?

High energy efficiency

› Daikin inverter scroll compressor with economizer technology
› DC inverter fan technology
› Eco-design compliant
› F-Gas regulation (R-410A) compliant

Reliable operation

› ZEAS condensing units are rigorously tested on the assembly line
› Proven inverter scroll technology
› Anti-corrosion treatment on the housing ensures long life even in extreme conditions

Small foot print and low weight

› Extremely compact design
› Easy to install, even in the smallest spaces
› Indoor installation possible
› Best surface to capacity ratio on the market
› Low weight thanks to the compact design

Comfort

› Quiet operation, unobtrusive for customers and neighbours
- High grade sound insulation on panels and compressors
- Condenser fans designed to limit noise
- 4 low noise operation settings including night mode
› Wide temperature range allows multiple cabinet, freezer and cold room combinations

Intelligent control

› Unit can be connected to a 3rd party monitoring system
› Remote control of target evaporation temperature, reset errors and other functions
› Refrigeration unit can be controlled remotely through a powerful interface

Benefits for installers

› Reduced delivery time thanks to European manufacturing plant
› Reduced piping requirements and installation time
› Integrated electrical & control box
› Unit already pre-charged with refrigerant

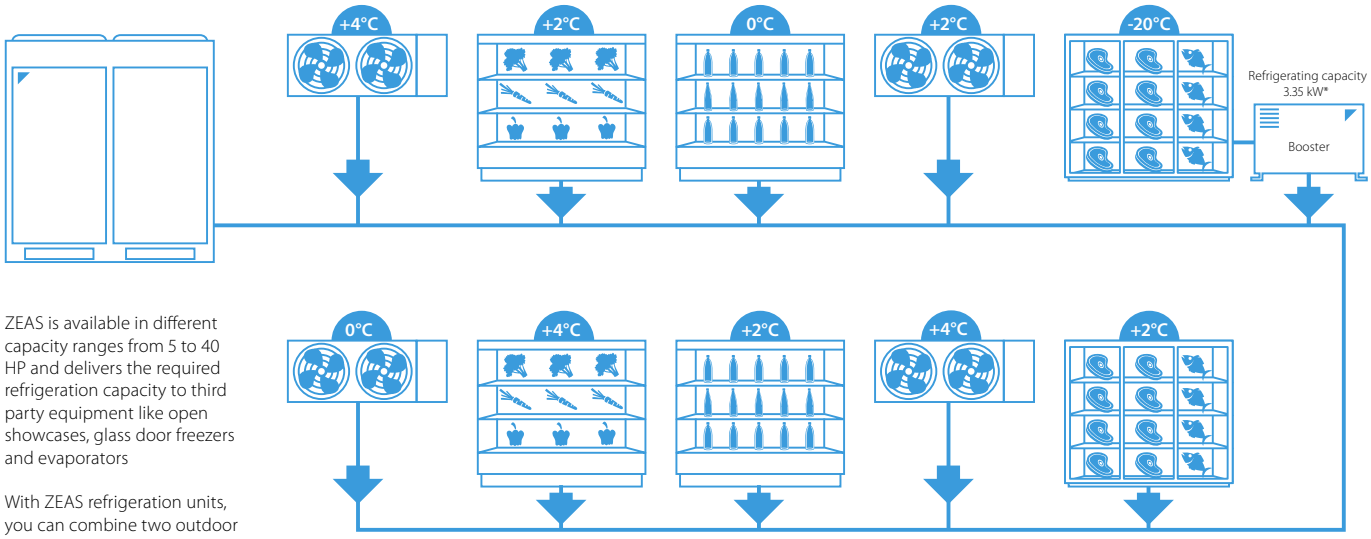
Benefits for consultants

› One model can cover for most refrigeration needs in the market
› Wide capacity range
› High modularity of the refrigeration system
› Suitable to indoor installations through the use of high ESP fans

Benefits for end users

› Energy consumption is cut by 10 to 35% compared to traditional refrigeration equipment
› Small footprint and low weight requiring only light weight supporting structures
› A neighbourhood-friendly choice with its special night operation mode

ZEAS, the smart choice for medium and low temperature refrigeration



ZEAS is available in different capacity ranges from 5 to 40 HP and delivers the required refrigeration capacity to third party equipment like open showcases, glass door freezers and evaporators

With ZEAS refrigeration units, you can combine two outdoor units in parallel (30 HP and 40 HP unit) and use only one main suction and liquid line.

Operating range
Ambient temperatures: -20°C to +43 °C
Evaporating temperatures: -45°C to +10°C

* Te= -35°C, Tc = -10°C, 10 K SH, Tamb = 32°C

Marketing tools

› See how transportation is simulated and vibrations are tested on our shaker (search: vibration ZEAS)

› Watch why a Dutch culture and entertainment venue chose ZEAS for its beverage cooling (search: Energiehuis ZEAS) www.youtube.com/DaikinEurope

Refrigeration Xpress selection software

› User-friendly design and selection software for Conveni-Pack, CCU/SCU, monoblocks, bi-blocks and ZEAS condensing units. Its detailed report includes a list of materials, piping and wiring diagrams, and device options.

ZEAS condensing unit for commercial refrigeration with scroll technology

LREQ-BY1(R)

Refrigeration solution for medium to large capacity applications featuring proven VRV technology

- One model for all applications from -45°C to 10°C evaporating temperature
- Perfect solution for all cooling and freezing applications with variable load conditions and high energy efficiency requirements.In particular used in supermarkets, cold storage, blast coolers and freezers etc.
- DC inverter scroll compressor with economiser function results in high energy efficiency and reliable performance
- Reduced CO2 emissions thanks to the use of R-410A refrigerant and low energy consumption
- Factory tested and pre-programmed for quick and easy installation and commissioning
- VRV (Variable Refrigerant Volume) technology for flexible application range
- Increased installation flexibility thanks to limited dimensions
- Low sound level including „night mode" operation
- For small freezing capacity, single ZEAS units can be connected to a booster unit
- Dedicated unit to allow multi combination of 2 x 15 HP or 2 x 20 HP resulting in less pipework or installation time

				LREQ-BY1	5	6	8	10	12	15	20
Refrigerating capacity	Low temperature	Nom.		kW	5.51 (1)	6.51 (1)	8.33 (1)	10.0 (1)	10.7 (1)	13.9 (1)	15.4 (1)
	Medium temperature	Nom.		kW	12.5 (2)	15.2 (2)	19.8 (2)	23.8 (2)	26.5 (2)	33.9 (2)	37.9 (2)
Power input	Low temperature	Nom.		kW	4.65 (1)	5.88 (1)	7.72 (1)	9.27 (1)	9.89 (1)	12.8 (1)	14.1 (1)
	Medium temperature	Nom.		kW	5.10 (2)	6.56 (2)	8.76 (2)	10.6 (2)	12.0 (2)	15.2 (2)	17.0 (2)
Seasonal energy performance ratio SEPR	R-410A	Te -10°C			3.86	3.79	3.64	3.42	3.51	3.38	3.23
		Te -35°C			1.61	1.65	1.71	1.69	1.67	1.60	1.61
Annual electricity consumption Q	R-410A	Te -10°C		kWh/a	19,907	24,681	33,483	42,794	46,377	61,683	72,030
		Te -35°C		kWh/a	25,547	29,366	36,361	44,054	47,872	64,822	71,162
Parameters at full load and ambient temp. 32°C (Point A)	R-410A	Te -10°C	Rated COP (COPA)		2.45	2.32	2.26	2.25	2.21	2.23	
		Te -35°C	Rated COP (COPA)		1.18	1.11		1.08		1.09	
Parameters at full load and ambient temp. 43°C	R-410A	Te -10°C	Declared COP (COP3)		1.54	1.57	1.40	1.46	1.47	1.46	1.51
		Te -35°C	Declared COP (COP3)		0.76	0.74	0.68	0.70	0.71		0.74
Dimensions	Unit	Height		mm	1,680						
		Width		mm	635		930			1,240	
		Depth		mm	765						
Weight	Unit			kg	166		242			331	337
Heat exchanger	Type				Cross fin coil						
Compressor	Type				Hermetically sealed scroll compressor						
	Output			W	2,600	3,200	2,100	3,000	3,400	2,600	3,400
	Piston displacement			m^3/h	11.18	13.85	19.68	23.36	25.27	32.24	35.8
	Speed			rpm	5,280	6,540	4,320	6,060	6,960	5,280	6,960
	Starting method				Direct on line (inverter driven)						
Compressor 2	Output			W	-		3,600				
	Speed			rpm	-		2,900				
Compressor 3	Output			W	-					3,600	
	Speed			rpm	-					2,900	
Fan	Type				Propeller fan						
	Quantity				1					2	
	Air flow rate	Cooling	Nom.	m^3/min	95	102	171	179	191	230	240
Fan motor	Output			W	350		750			350	750
	Drive				Direct drive						
Fan motor 2	Output			W	-					350	750
Sound pressure level	Nom.			dBA	55.0 (3)	56.0 (3)	57.0 (3)	59.0 (3)	61.0 (3)	62.0 (3)	63.0 (3)
Operation range	Evaporator	Cooling	Max.~Min.	°CDB	10~-45						
Refrigerant	Type / GWP				R-410A / 2,087.5						
	Charge			kg	5.2		7.9			11.5	
				TCO_2eq	10.9		16.5			24.0	
	Control				Electronic expansion valve						
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415						

				LREQ-BY1	30	40
System	Outdoor unit module 1				LREQ15BY1R	LREQ20BY1R
	Outdoor unit module 2				LREQ15BY1R	LREQ20BY1R
Refrigerating capacity	Medium temperature	Nom.		kW	67.8 (1)	75.8 (1)
	Low temperature	Nom.		kW	27.8	29.6
Power input	Medium temperature	Nom.		kW	30.4	34.0
	Low temperature	Nom.		kW	25.6	27.6
Sound pressure level	Nom.			dBA	65.0	66.0
Piping connections	Liquid				ø 19.05	
	Gas				ø 41.28	

(1) Cooling: evaporating temp. -10°C; outdoor temp. 32°C; suction SH10°C (2) Cooling: evaporating temp. -35°C; outdoor temp. 32°C; suction SH10°C (3) Sound pressure data: measured at 1m in front of unit, at 1.5m height | RLA is based on following conditions: outdoor temp. 32°CDB; suction SH 10°C; saturated temperature equivalent to suction pressure -10°C

LRMEQ-BY1

Mini-ZEAS

☑ Two models available

☑ Plug and play system
reduces installation time and cost

☑ F-Gas compliant (R-410A)

☑ Very low operating sound level (in line with the most stringent urban sound legislations)

☑ Small footprint (up to 60% smaller than equivalent products in the market)

Coming:
October
2017

☑ High efficiency
reducing energy costs

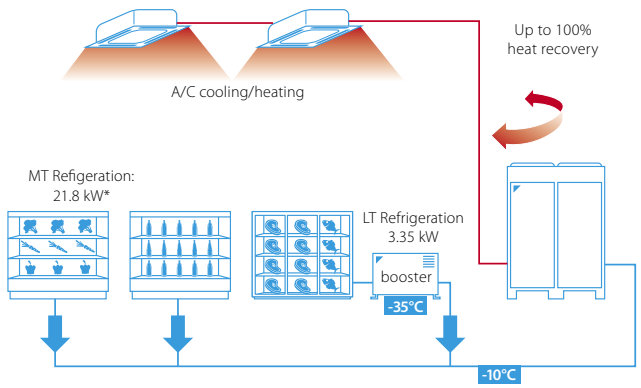
☑ Ideal solution
for multiple smaller refrigeration applications (butcher shops, bakeries, restaurants,…)

Conveni-Pack, integrated solution for refrigeration, heating and air conditioning

Why choose Conveni-Pack?

High energy efficiency

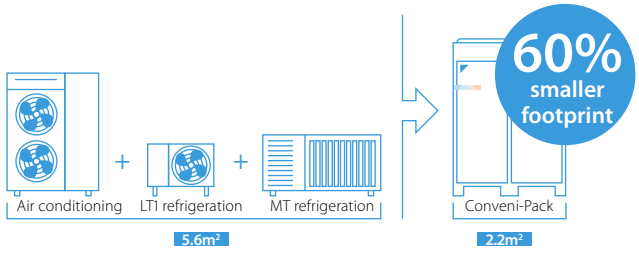
› Conveni-Pack recovers up to 100% of the heat extracted from supermarket refrigeration cases and re-uses it to heat the retail space at no additional cost
› Savings of up to 50% on energy costs
› Daikin inverter scroll compressor with economizer technology



*maximum available refrigeration capacity when no booster units are connected

Very compact design

› Easy to install, even in small spaces
› Small footprint (up to 60% smaller footprint than conventional systems) and low weight
› Reduced piping requirements



Unique combination

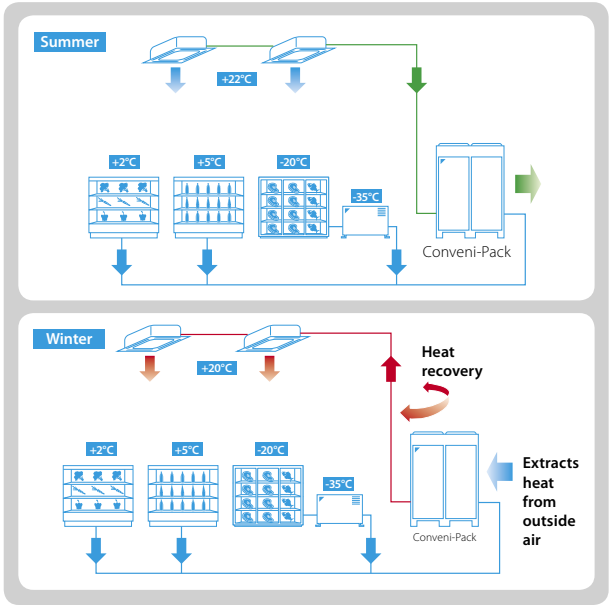
› First mass-produced, whole-building system to combine refrigeration, heating, air conditioning in one circuit

Reliable operation

› Error-proof component selection
› Factory leak-tested and pre-charged

Year-round climate comfort

› Quiet operation : Improved acoustics thanks to night operation mode, inverter control and inverter driven fans with optimised blades and grills
› High grade sound insulation on both panels and compressors
› Specially designed fan blades to limit sound emissions
› 4 low sound operation settings including night mode
› The heat recovered from refrigerated and freezer display cabinets can be used to provide heating for the shop.



Internationally awarded

Since the introduction Conveni-Pack was recognized as innovative and environmentally – proof of which are the below mentioned German and Irish awards:

- Winner of 2014 Institute of Refrigeration Ireland (IRI) Environmental award
- Environmental Friendliness category of the Top Retail Product Awards 2014 in Germany

Benefits for installers/ consultants

- Integrated electrical & control box
- Unit already pre-charged with refrigerant
- Established VRV technology ensuring optimised installation and maintenance
- Reduced delivery time thanks to European manufacturing plant
- Flexible system for multiple applications
- Connectable to all grocery refrigeration applications and supplied with a wide range of air conditioning indoor units to meet shop requirements
- Outdoor units can be positioned up to 35m above or 10m below the indoor units
- Piping length possible up to 130m
- Suitable for indoor installation through the use of high ESP fans

Benefits for shop owners

- Thought design for supermarkets and smaller retail outlets
- Maximised retail sales space available as
- Conveni-Pack has a footprint up to 60% smaller than conventional grocery refrigeration systems
- Reduced energy consumption by up to 50% through heat recovery
- Quiet operation, thus ideal for densely populated urban areas

Reference

Edeka Buschkühle supermarket (Germany)
2 Conveni-Pack systems supply 32 meters of service counters, 12.5 meters of convenience fridges, one cooling storage room for fruit, an air curtain and 5 indoor units; the ZEAS system supplies two deep-freeze cabinets with a total capacity of 5 kW.

Discover more references on
www.daikineurope.com/references

Marketing tools

Refrigeration Xpress
User-friendly design software for Conveni-Pack, CCU, SCU and ZEAS condensing units. Its detailed report includes a list of materials, piping and wiring diagrams, and device options.

Short videos
- Watch a short animation on the unique refrigeration solution Conveni-Pack
- Discover why a Belgian petrol station owner chose Daikin for its shop comfort and refrigeration needs.
  www.youtube.com/DaikinEurope

Conveni-Pack refrigeration system with heat recovery

Refrigeration solution for food retailers featuring award winning technology for heat recovery

- Integrates high and low temperature refrigeration and air conditioning (including heating) into one system
- By using heat recovery, optimised controls and state of the art compressor technology, Conveni-pack can reduce annual energy consumption up to 50% or more, compared to conventional systems
- Lower associated CO_2 emissions thanks to the heat pump technology
- Conveni-pack's modular design allows it to be used for smaller as well as larger shops
- The modularity of the Conveni-pack system maximises installation flexibility. Outdoor units can be grouped into blocks or rows, or distributed around the building, to meet individual installation constraints
- The heat extracted from the refrigeration showcases or evaporators can be re-used for comfort heating of the shop at no extra cost
- Low sound level including „night mode" operation

LRYEQ16AY

Medium Temperature Refrigeration				LRYEQ-AY	16
Cooling capacity	Air conditioning	Nom.		kW	14.0 (1)
	Refrigeration	Nom.		kW	21.8 (2)
Heating capacity	Air conditioning	Nom.		kW	27.0 (3)
	Refrigeration	Nom.		kW	21.8 (4)
Dimensions	Unit	Height		mm	1,680
		Width		mm	1,240
		Depth		mm	765
Weight	Unit			kg	370
Heat exchanger	Type				Cross fin coil
Compressor	Type				Hermetically sealed scroll compressor
	Piston displacement			m^3/h	13.34
	Speed			rpm	6,300
	Output			W	2,500
	Starting method				Direct on line (inverter driven)
	Frequency ON/OFF				Less than 6 times/hour
Compressor 2	Speed			rpm	2,900
	Output			W	3,600
Compressor 3	Speed			rpm	2,900
	Output			W	4,500
Fan	Type				Propeller fan
	Quantity				2
	Air flow rate	Cooling	Nom.	m^3/min	230
Fan motor	Output			W	750
	Drive				Direct drive
Sound pressure level	Nom.			dBA	62.0
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-20~10
	Cooling	Ambient	Min.~Max.	°CDB	-5~43
	Heating	Ambient	Min.~Max.	°CDB	-15~21
Refrigerant	Type				R-410A
	GWP				2,087.5
	Charge			kg	11.5
				TCO_2eq	24.0
	Control				Electronic expansion valve
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415

(1) Cooling priority mode: indoor temp. 27°CDB, 19°CWB; outdoor temp. 32°CDB; piping length: 7.5m; level difference: 0m (2) Cooling priority mode: evaporating temp. -10°C; outdoor temp. 32°CDB; Suction SH: 10°C (3) Heat recovery 100% mode: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; refrigeration load 18kW; piping length: 7.5m; level difference: 0m (4) Saturated temperature equivalent to suction pressure (refrigeration side): -10°C (under chilled condition); connection capacity for indoor air conditioner: 10HP, when heat recovery is 100%

Indoor units and Biddle air curtains for connection to Conveni-Pack

To respond to all shop requirements for comfort cooling and heating, a wide range of AC indoor units and Biddle air curtains are available.

Capacity class (kW)

Model	Product name		50	63	71	80	100	125	140	200	250
Cooling capacity (kW)[1]			5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0
Heating capacity (kW)[2]			6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5
Round flow cassette	FXFQ-A		●	●		●	●	●			
2-way blow ceiling mounted cassette	FXCQ-A		●	●		●		●			
Ceiling mounted corner cassette	FXKQ-MA			●							
Concealed ceiling unit with inverter driven fan	FXSQ-A		●	●		●	●	●			
Concealed ceiling unit with inverter driven fan	FXMQ-P7		●	●		●	●	●			
Large concealed ceiling unit	FXMQ-MB									●	●
Ceiling suspended unit	FXHQ-A			●			●				
4-way blow ceiling suspended unit	FXUQ-A				●		●				
Floor standing unit	FXLQ-P		●	●							
Concealed floor standing unit	FXNQ-A		●	●							

Capacity class (kW)

Model	Product Name		80	100	125	140	200	250
Heating capacity (kW)[2]			7.4 - 9.2	11.6 - 13.4	15.6	16.2 - 19.9	29.4	29.4 - 31.1
Biddle air curtain free hanging	CYVS-DK		●	●	●	●	●	●
Biddle air curtain cassette	CYVM-DK		●	●	●	●	●	●
Biddle air curtain recessed	CYVL-DK		●	●	●	●	●	●

[1] Nominal cooling capacities are based on: indoor temperature: 27°CDB / 19°CWB, outdoor temperature: 35°CDB, piping length: 7.5m, level difference: 0m

[2] Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB / 6°CWB, piping length: 7.5m, level difference: 0m

Condensing unit for commercial refrigeration with reciprocating technology

Refrigeration solution for small food retailers

- Designed specifically for small capacity refrigeration applications in small food stores (eg. in bakeries and butchers), cold rooms, bottle coolers and display cabinets
- Compact and lightweight for even the smallest of city centre locations
- All components can be accessed, making maintenance quick and easy
- Ideal for urban applications: sound proofing and low operating sound levels mean the unit is quiet
- The optimised compressor range and increased condenser surface deliver high levels of energy efficiency and reliability is ensured by using high quality components and production processes
- Micro channel heat exchanger technology reduces the amount of refrigerant used in the system, lowering environmental impact

JEHCCU-CM1/CM3

Medium Temperature Refrigeration				JEHCCU-CM1/CM3	0040 CM1	0050 CM1	0051 CM1	0063 CM1	0067 CM1	0077 CM1	0095 CM1	0100 CM1	0113 CM1	0140 CM1	0140 CM3
Refrigerating capacity	Medium temperature	R-134a	Nom	kW	0.55 (1)	-	0.83 (1)	0.99 (1)	-	1.20 (1)	1.49 (1)	-			
		R-404A	Nom	kW	-	0.91 (1)	-		1.23 (1)	-		1.50 (1)	1.76 (1)	2.19 (1)	2.22 (1)
		R-407A	Nom	kW	-	0.72 (1)	-		0.97 (1)	-		1.19 (1)	1.49 (1)	1.73 (1)	1.74 (1)
		R-407F	Nom	kW	-	0.78 (1)	-		1.03 (1)	-		1.26 (1)	1.55 (1)	1.87 (1)	1.88 (1)
Power input	Medium temperature	R-134a	Nom	kW	0.430 (1)	-	0.540 (1)	0.640 (1)	-	0.740 (1)	0.900 (1)	-			
		R-404A	Nom	kW	-	0.630 (1)	-		0.760 (1)	-		0.930 (1)	1.100 (1)	1.180 (1)	1.240 (1)
		R-407A	Nom	kW	-	0.540 (1)	-		0.700 (1)	-		0.840 (1)	0.980 (1)	1.110 (1)	1.160 (1)
		R-407F	Nom	kW	-	0.530 (1)	-		0.690 (1)	-		0.830 (1)	0.980 (1)	1.070 (1)	1.120 (1)
Parameters at full load and ambient temp. 25°C		R-134a	Te -10°C	Declared COP (COP2)	1.55	-	1.75	1.80	-	1.96	2.05	-			
		R-404A	Te -10°C	Declared COP (COP2)	-	1.88	-		1.92	-		1.87	1.95	1.96	2.02
		R-407A	Te -10°C	Declared COP (COP2)	-	1.39	-		1.45	-		1.50	1.65		1.58
		R-407F	Te -10°C	Declared COP (COP2)	-	1.62	-		1.66	-		1.68	1.78	1.95	1.87
Parameters at full load and ambient temp. 32°C (Point A)		R-134a	Te -10°C	Rated COP (COPA)	1.28	-	1.53	1.55	-	1.63	1.65	-			
		R-404A	Te -10°C	Rated COP (COPA)	-	1.45	-		1.61	-		1.61	1.60	1.68	1.80
		R-407A	Te -10°C	Rated COP (COPA)	-	1.33	-		1.37	-		1.42	1.52	1.57	1.50
		R-407F	Te -10°C	Rated COP (COPA)	-	1.47	-		1.49	-		1.51	1.58	1.75	1.67
Parameters at full load and ambient temp. 43°C		R-134a	Te -10°C	Declared COP (COP3)	1.18	-	1.20	1.21	-	1.30	1.32	-			
		R-404A	Te -10°C	Declared COP (COP3)	-	1.10	-		1.18	-		1.21	1.20	1.26	1.31
		R-407A	Te -10°C	Declared COP (COP3)	-	1.16	-		-					1.38	1.30
		R-407F	Te -10°C	Declared COP (COP3)	-	1.20	-		-					1.39	1.32
Dimensions	Unit	Height		mm	607									662	
		Width		mm	876									1,101	
		Depth		mm	420									444	
Weight	Unit			kg	45		53		54				55	68	
Compressor	Type				Reciprocating compressor										
	Model				AE4440Y-FZ1A	AE4460Z-FZ1C	CAJ4461Y	CAJ4476Y	CAJ9480Z	CAJ4492Y	CAJ4511Y	CAJ9510Z	CAJ9513Z	CAJ4517Z	TAJ4517Z
	Oil	Charged volume		l	0.3		-		0.9					-	
	Oil Type				Uniqema Emkarate RL32CF										
	Piston displacement			m^3/h	1.80		3.18	3.79	2.64	4.51	5.69	3.18	4.21	4.52	
Fan	Type				Axial										
	Air flow rate	Cooling	Nom	m^3/h	1,300									2,700	
Sound pressure level	Nom.			dBA	29 (2)				28 (2)	29 (2)		28 (2)		34 (2)	
Refrigerant	Type				R-134a	R-404A	R-134a		R-404A	R-134a		R-404A			
	Type 2				-	R-407A	-		R-407A	-		R-407A			
	Type 3				-	R-407F	-		R-407F	-		R-407F			
	GWP				1,430.0	3,921.6	1,430.0		3,921.6	1,430.0		3,921.6			
	GWP Type 2				-	2,107.0	-		2,107.0	-		2,107.0			
	GWP Type 3				-	1,825.0	-		1,825.0	-		1,825.0			
Piping connections	Liquid line connection			inch	1/4"				3/8"						
	Suction line connection			inch	3/8"				1/2"					5/8	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230										3~/50/400

(1) Refer to condition: Outside ambient temperature = 32°C, Evaporation temperature = -10°C and 10K superheat (medium temperature application)
(2) Average sound pressure level is measured at 10m in anechoic room

Condensing unit for commercial refrigeration with scroll technology

Refrigeration solution for small food retailers

- Designed specifically for small capacity refrigeration applications in small food stores (eg. in bakeries and butchers), cold rooms, bottle coolers and display cabinets
- Compact and lightweight for even the smallest of city centre locations
- All components can be accessed, making maintenance quick and easy
- Ideal for urban applications: sound proofing and low operating sound levels mean the unit is quiet
- The optimised compressor range and increased condenser surface deliver high levels of energy efficiency and reliability is ensured by using high quality components and production processes
- Micro channel heat exchanger technology reduces the amount of refrigerant used in the system, lowering environmental impact

JEHSCU-CM1/CM3

Medium Temperature Refrigeration				JEHSCU-CM1/CM3	0200 CM1	0250 CM1	0300 CM1	0200 CM3	0250 CM3	0300 CM3	0350 CM3	0400 CM3	0500 CM3	0600 CM3	0680 CM3	0800 CM3	1000 CM3
Refrigerating capacity	Medium temperature	R-134a	Nom	kW	2.05 (1)	2.59 (1)	3.09 (1)	2.17 (1)	2.48 (1)	3.06 (1)	3.48 (1)	4.24 (1)	5.24 (1)	6.16 (1)	6.89 (1)	7.95 (1)	10.40 (1)
		R-404A	Nom	kW	3.54 (1)	3.99 (1)	4.92 (1)	3.49 (1)	4.21 (1)	4.89 (1)	5.50 (1)	6.70 (1)	8.03 (1)	9.45 (1)	10.15 (1)	12.95 (1)	16.45 (1)
		R-407A	Nom	kW	3.39 (1)	3.98 (1)	4.65 (1)	3.36 (1)	3.94 (1)	4.54 (1)	-	6.57 (1)	8.03 (1)	9.24 (1)	10.35 (1)	12.55 (1)	14.75 (1)
		R-407F	Nom	kW	3.26 (1)	3.73 (1)	4.50 (1)	3.22 (1)	3.85 (1)	4.45 (1)	-	6.62 (1)	7.99 (1)	9.36 (1)	10.40 (1)	12.65 (1)	15.95 (1)
Power input	Medium temperature	R-134a	Nom	kW	1.110 (1)	1.210 (1)	1.450 (1)	1.030 (1)	1.170 (1)	1.460 (1)	1.680 (1)	1.850 (1)	2.300 (1)	2.700 (1)	3.150 (1)	3.740 (1)	4.860 (1)
		R-404A	Nom	kW	1.570 (1)	2.000 (1)	2.620 (1)	1.700 (1)	2.040 (1)	2.520 (1)	3.040 (1)	3.330 (1)	4.390 (1)	4.920 (1)	5.530 (1)	5.960 (1)	8.620 (1)
		R-407A	Nom	kW	1.600 (1)	1.990 (1)	2.470 (1)	1.630 (1)	2.030 (1)	2.450 (1)	-	2.970 (1)	3.930 (1)	4.620 (1)	5.540 (1)	6.240 (1)	8.410 (1)
		R-407F	Nom	kW	1.740 (1)	2.090 (1)	2.660 (1)	1.780 (1)	2.160 (1)	2.710 (1)	-	3.210 (1)	4.360 (1)	5.030 (1)	5.980 (1)	6.130 (1)	8.840 (1)
Seasonal energy performance ratio SEPR		R-134a	Te -10°C		-								2.69	2.63	2.57	2.92	2.88
		R-404A	Te -10°C		-						2.61	2.77	2.64	2.72	2.65	2.90	2.57
		R-407A	Te -10°C		-							3.09	2.81	2.75	2.65	2.88	2.35
		R-407F	Te -10°C		-							2.83	2.60	2.69	2.59	2.83	2.53
Annual electricity consumption Q		R-134a	Te -10°C	kWh/a	-								11,969.00	14,381.00	16,491.00	16,741	22,226
		R-404A	Te -10°C	kWh/a	-						12,939	14,881.00	18,673.00	21,344.00	23,536.00	27,407	39,372
		R-407A	Te -10°C	kWh/a	-							13,054.00	17,546.00	20,622.00	24,031.00	26,747	38,515
		R-407F	Te -10°C	kWh/a	-							14,365.00	18,883.00	21,395.00	24,655.00	27,475	38,831
Parameters at full load and ambient temp. 25°C		R-134a	Te -10°C	Declared COP (COP2)	2.15	2.54	2.50	2.55	2.52		2.46	2.83	-				
		R-404A	Te -10°C	Declared COP (COP2)	2.65	2.54	2.24	2.44	2.41	2.26	-						
		R-407A	Te -10°C	Declared COP (COP2)	2.55	2.38	2.21	2.50	2.32	2.20	-						
		R-407F	Te -10°C	Declared COP (COP2)	2.43	2.31	2.16	2.35	2.25	2.10	-						
Parameters at full load and ambient temp. 32°C (Point A)		R-134a	Te -10°C	Rated COP (COPA)	1.85	2.14	2.13	2.12	2.13	2.10	2.08	2.29	2.28		2.19	2.13	2.14
		R-404A	Te -10°C	Rated COP (COPA)	2.25	2.00	1.88	2.06	2.07	1.94	1.81	2.01	1.83	1.92	1.84	2.17	1.91
		R-407A	Te -10°C	Rated COP (COPA)	2.13	2.01	1.89	2.07	1.95	1.86	-	2.21	2.04	2.00	1.87	2.01	1.75
		R-407F	Te -10°C	Rated COP (COPA)	1.88	1.79	1.69	1.81	1.79	1.65	-	2.06	1.83	1.86	1.74	2.06	1.80
Parameters at full load and ambient temp. 43°C		R-134a	Te -10°C	Declared COP (COP3)	1.35	1.53		1.57			1.52	1.55	1.56	1.59	1.53	1.52	
		R-404A	Te -10°C	Declared COP (COP3)	1.53	1.33	1.25	1.36	1.28	1.11	1.28	1.15	1.27	1.22	1.47	1.18	
		R-407A	Te -10°C	Declared COP (COP3)	-		1.48	1.45	1.38	-	1.43	1.39	1.43	-	1.38	-	
		R-407F	Te -10°C	Declared COP (COP3)	-											1.52	-
Dimensions	Unit		Height	mm	662							872				1,727	
			Width	mm	1,101							1,353				1,348	
			Depth	mm	444							575				641	
Weight	Unit			kg	70	72	74	70	72	74		119	123	125	126	218	
Compressor	Type				Scroll compressor												
	Model				ZB15KQE-PFJ	ZB19KQE-PFJ	ZB21KQE-PFJ	ZB15KQE-TFD	ZB19KQE-TFD	ZB21KQE-TFD	ZB26KQE-TFD	ZB29KQE-TFD	ZB38KQE-TFD	ZB45KQE-TFD	ZB48KQE-TFD	ZB58KCE-TFD	ZB76KCE-TFD
	Oil	Charged volume		l	-							1.360	2.070	1.890	1.800	2.5	3.2
	Oil Type				Polyester oil (Copeland Ultra 22 CC, 32 CC and 32-3MAF, Mobil EAL™ Arctic 22 CC, Uniqem Emkarate RL32CF												
	Piston displacement			m^3/h	5.90	6.80	8.60	5.90	6.80	8.60	9.90	11.400	14.400	17.100	18.800	22.10	29.10
Fan	Type				Axial												
	Air flow rate	Cooling	Nom	m^3/h	2,700							-				8,500	
Sound pressure level	Nom.			dBA	33 (2)	34 (2)	36 (2)	33 (2)	34 (2)	36 (2)	39 (2)	37 (2)	38 (2)	40 (2)		43 (2)	
Refrigerant	Type				R-134a												
	Type 2				R-404A												
	Type 3				R-407A						-	R-407A					
	Type 4				R-407F						-	R-407F					
	GWP				1,430.0												
	GWP Type 2				3,921.6												
	GWP Type 3				2,107.0						-	2,107.0					
	GWP Type 4				1,825.0						-	1,825.0					
Piping connections	Liquid line connection			inch	3/8"							1/2"			3/4"		
	Suction line connection			inch	3/4"							7/8"		1 1/8"			3/8"
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230			3~/50/400									

(1) Refer to condition: Outside ambient temperature = 32°C, Evaporation temperature = -10°C and 10K superheat (medium temperature application)
(2) Average sound pressure level is measured at 10m in anechoic room

Condensing unit for commercial refrigeration with scroll / reciprocating technology

Refrigeration solution for small food retailers

- Designed specifically for small capacity refrigeration applications in small food stores (eg. in bakeries and butchers), cold rooms, bottle coolers and display cabinets
- Compact and lightweight for even the smallest of city centre locations
- All components can be accessed, making maintenance quick and easy
- Ideal for urban applications: sound proofing and low operating sound levels mean the unit is quiet
- The optimised compressor range and increased condenser surface deliver high levels of energy efficiency and reliability is ensured by using high quality components and production processes
- Micro channel heat exchanger technology reduces the amount of refrigerant used in the system, lowering environmental impact

JEHCCU/SCU-CL1/CL3

Low Temperature Refrigeration		JEHCCU-CL1/JEHSCU-CL3			JEHCCU0115CL1	JEHSCU0200CL3	JEHSCU0300CL3	JEHSCU0400CL3	JEHSCU0500CL3	JEHSCU0600CL3	JEHSCU0750CL3
Refrigerating capacity	Low temperature	R-404A	Nom	kW	0.69 (1)	1.42 (1)	1.98 (1)	2.91 (1)	3.53 (1)	4.13 (1)	5.29 (1)
		R-407A	Nom	kW	-	1.16 (1)	1.51 (1)	2.29 (1)	2.77 (1)	3.31 (1)	4.29 (1)
Power input	Low temperature	R-404A	Nom	kW	0.720 (1)	1.460 (1)	1.810 (1)	2.380 (1)	3.100 (1)	3.690 (1)	3.880 (1)
		R-407A	Nom	kW	-	1.310 (1)	1.770 (1)	2.330 (1)	2.850 (1)	3.570 (1)	4.170 (1)
Seasonal energy performance ratio SEPR		R-404A	Te -35°C		-			1.88	1.79	1.80	1.82
		R-407A	Te -35°C		-			1.67		1.52	1.51
Annual electricity consumption Q		R-404A	Te -35°C	kWh/a	-			11,555.00	14,732.00	17,107.00	21,649
		R-407A	Te -35°C	kWh/a	-			10,212.00	12,364.00	16,220.00	21,146
Parameters at full load and ambient temp. 25°C		R-404A	Te -35°C	Declared COP (COP2)	1.11	1.16	1.40	-			
		R-407A	Te -35°C	Declared COP (COP2)	-	1.12	1.08	-			
Parameters at full load and ambient temp. 32°C (Point A)		R-404A	Te -35°C	Rated COP (COPA)	0.96	0.97	1.09	1.22	1.14	1.06	1.36
		R-407A	Te -35°C	Rated COP (COPA)	-	0.89	0.85	0.98	0.97	0.93	1.03
Parameters at full load and ambient temp. 43°C		R-404A	Te -35°C	Declared COP (COP3)	0.69	0.60	0.70	0.86	0.79	0.64	0.98
		R-407A	Te -35°C	Declared COP (COP3)	-	0.55	-	0.67	0.66	0.64	0.73
Dimensions	Unit	Height		mm	607	662		872			1,727
		Width		mm	876	1,101		1,353			1,348
		Depth		mm	420	444		575			605
Weight	Unit			kg	55	76	77	132		133	203
Compressor	Type				Reciprocating compressor	Scroll compressor					
	Model				CAJ2446Z	ZF06K4E-TFD	ZF09K4E-TFD	ZF13K4E-TFD	ZF15K4E-TFD	ZF18K4E-TFD	ZF25K5E-TFD
	Oil	Charged volume		l	0.9	-		1.900			
	Oil Type				Uniqema Emkarate RL32CF	Polyester oil (Copeland Ultra 22 CC, 32 CC and 32-3MAF, Mobil EAL™ Arctic 22 CC, Uniqem Emkarate RL32CF					
	Piston displacement			m^3/h	4.55	5.90	8.00	11.800	14.500	17.100	21.40
Fan	Type				Axial						
	Air flow rate	Cooling	Nom	m^3/h	1,300	2,700		-			5,750
Sound pressure level	Nom.			dBA	31 (2)	32 (2)	33 (2)	37 (2)	39 (2)	41 (2)	
Refrigerant	Type				R-404A						
	Type 2				-	R-407A					
	GWP				3,921.6						
	GWP Type 2				-	2,107.0					
Piping connections	Liquid line connection			inch	3/8"			1/2"			
	Suction line connection			inch	1/2"	3/4"		7/8"			1 1/8"
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230	3~/50/400					

(1) SRG 20°C, Ta=32°C, Te=-35°C (2) Average sound pressure level is measured at 10m in anechoic room

Booster unit

- A booster unit allows to connect freezer showcases / rooms to ZEAS and Conveni-Pack outdoor units
- Reduced piping requirements, from 4 to 2 pipes, compared to a conventional system
- Low sound mode available reducing sound emissions significantly without giving in on refrigeration capacity

LCBKQ3AV1

Low Temperature Refrigeration					LCBKQ-AV1
Refrigerating capacity	Low temperature		Nom.	kW	3.35 (1)
Dimensions	Unit	Height		mm	480
		Width		mm	680
		Depth		mm	310
Weight	Unit			kg	47
Compressor	Type				Hermetically sealed swing compressor
	Piston displacement			m^3/h	10.16
	Number of revolutions			rpm	6,540
	Output			W	1,300
	Starting method				Direct on line (inverter driven)
	Frequency ON/OFF				Less than 6 times/hour
Fan	Type				Propeller fan
	Air flow rate	Cooling	Nom.	m^3/min	1.6
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-45~-20
	Ambient temperature	Min.~Max.		°C	-15~43
Refrigerant	Type				R-410A
	GWP				2,087.5
	Control				Electronic expansion valve
Piping connections	For outdoor unit	Liquid	OD	mm	6.35
	To indoor unit	Liquid	OD	mm	6.35
	For indoor unit	Gas	OD	mm	15.9
	To outdoor unit	Gas	OD	mm	9.5
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240

(1) Evaporating temp. -35°C; outdoor temp. 32°C; suction SH 10K; saturated temp. to discharge pressure of booster unit -10°C

Options - Refrigeration

		Conveni-Pack	ZEAS						Multi-ZEAS	
		LRYEQ16AY	LREQ5BY1	LREQ6BY1	LREQ8BY1	LREQ10BY1	LREQ12BY1	LREQ15BY1	LREQ20BY1	LREQ15BY1Rx2	LREQ20BY1Rx2
Digital pressure gauge kit		BHGP26A1									
Pressure gauge kit		-	KHGP26B140								
Snowbreak hood*	(a+b+c+d) kit	KPS26C504	KPS26C160		KPS26C280			KPS26C504			
	a. Air outlet	KPS26C504T	KPS26C160T		KPS26C280T			KPS26C504T			
	b. Air inlet (left)	KPS26C504L	KPS26C504L								
	c. Air inlet (right)	KPS26C504R	KPS26C504R								
	d. Air inlet (rear)	KPS26C504B	KPS26C160B		KPS26C280B			KPS26C504B			
Central drain pan kit		KWC26C450**	KWC26C160		KPS26C280			KPS26C450		KPS26C450*** x2	
Communication box		BRR9A1V1								BRR9A1V1****	
Booster unit		LCBKQ3AV19								-	
Suction branch pipe for multi		-	-							EKHRQZM*****	
Refnet header		KHRQM22M29H8									
		KHRQ22M64H8									
		KHRQM22M75H8									
Refnet joint		KHRQ22M20TA8									
		KHRQ22M29T9									
		KHRQ22M64T8									
		KHRQ22M75T8									
Intelligent Touch Controller		DSC601C51	-								
Intelligent Manager		DCM601A51	-								

* Snowbreak hoods are field-supplied. For technical drawings and more information, contact your dealer. It is recommended to install a snowbreak hood when regular snowfall occurs.
** In cold areas, provide a drain pan heater (field supply) to prevent drained water from freezing up in the drain pan *** required for each module
**** software update required (to be executed during commissioning) ***** mandatory

and

United in cold

About the Zanotti acquisition

With the acquisition of Zanotti, Daikin can now provide a diverse product line up for all aspects of the cold chain that extend from those used in food production and transportation (overland shipping) to those found at retailers.

About the Zanotti product range

Zanotti's commercial range contains a large range of units used for refrigeration of restaurants, supermarkets and distribution centers.

Special air treatment systems are available for maturing of salamis and cheeses, wine conservation and refinement, silos cooling for grain and seeds.

Next to the commercial product range, Zanotti has a complete range for **transport refrigeration** and **industrial refrigeration** for applications as the food industry, clean rooms, ice skating rinks,...

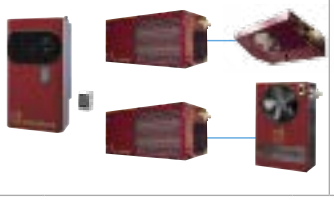
NEW Refrigeration - Zanotti range

Commercial range: Uniblock	562
GM - Straddle mounted or through-wall installation	562
SB - Roof-mounted installation	562
AS - Stand-alone installation	563
Commercial range: Bi-block	564
GS - Wall mounted condensing unit and ceiling mounted evaporator	564
SP-O - Split system with capillary expansion system	564
DB-O - Split system with thermostatic expansion valve	565
Other ranges	566
Commercial range: Wineblock	566
Commercial range: Multi-compressor racks	566
Transport range	566
Industrial range	566

More infomation on ordering Zanotti units?
Questions on the Zanotti range?

Contact the refrigeration department at Daikin Europe or your local refrigeration product manager.

Products overview

Model	Product name	Capacity (W)	500	1000	2000	2500	3000	3500	4000	5000	15000
Monoblock system for straddle mounted installation (optional through-wall)	GM										
Monoblock system for roof mounted installation	SB										
Monoblock sytem for stand alone installation	AS										
Split system Wall mounted condensing unit and ceiling mounted evaporator	GS										
Split system with capillary expansion sytem	SP-O										
Split system with thermostatic expansion valve	DB-O										
Wineblock	RCV/RDV										

: LT (-20°C / 35°C)

: MT (0°C / 35°C)

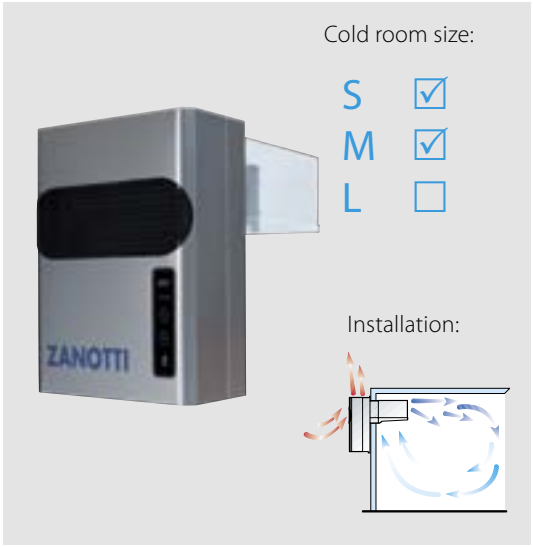
: HT (20°C / 10°C)

The most complete range of commercial stationary refrigeration units for the food industry

Zanotti manufactures the largest range of stationary refrigeration under the Uniblock® brand. Monoblock & bi-block units for all kind of capacities, condensing units and racks for single or multiple users, constitute large part of this product range. These equipments are used in restaurants, super and hypermarkets, grocery stores, distribution centers and fresh food processing plants. Special air treatment system and temperature control solutions have been developed for small scale traditional food processing, such as the maturing process of salamis and cheeses, wine conservation and refinement, silos cooling for grain and seeds.

Applications

GM Monoblock system for straddle mounted installation (optional through-wall)



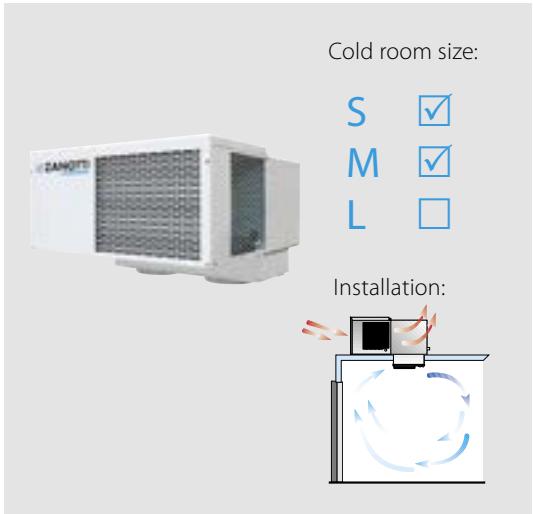
Main advantages:
› Extremely rapid mounting
› Best surface-to-capacity ratio
› Automatic alarm system for condenser cleaning
› New generation control panel: possibility to connect it to classic remote management systems or to a Modbus system
› Low sound levels thanks to optional compressor compartment soundproofing

Room temperature	+10 ÷ -5 °C	-15 ÷ -25 °C
Refrigerants	R-134a (GWP: 1,430), R-290 (GWP: 3.3), R-452A (GWP: 2,141)	
Defrost	Electric	
Compressor type	Hermetic	

		Cooling capacity
Low temp. (-20°C / 35°C)	R-452A	620 W - 2,160 W
	R-290	830 W
Medium temp. (0°C / 35°C)	R-134a	820 W - 3,210 W
	R-290	1,120 W - 1,960 W

		Panel thickness			
Refrigerated volume		V60	V80	V100	V120
Low temp. (-20°C / 35°C)	R-452A			2.8 m^3 - 20 m^3	
	R-290		3.6 m^3	4.1 m^3	4.6 m^3
Medium temp. (0°C / 35°C)	R-134a	4.5 m^3 - 31 m^3	4.9 m^3 - 34 m^3	5.4 m^3 - 37 m^3	
	R-290	7.2 m^3 - 15 m^3	7.9 m^3 - 16 m^3	8.7 m^3 - 18 m^3	

SB Monoblock system for roof mounted installation



Main advantages:
› Extremely fast to assemble
› Reduced installation cost and time
› Best surface-to-capacity ratio

Room temperature	+10 ÷ -5 °C	15 ÷ -25 °C
Refrigerants	R-134a (GWP: 1,430), R-290 (GWP: 3.3), R-452A (GWP: 2,141)	
Defrost	Hot gas	
Compressor type	Hermetic	

		Cooling capacity
Low temp. (-20°C / 35°C)	R-452A	580 W - 2,470 W
	R-290	830 W - 2,480 W
Medium temp. (0°C / 35°C)	R-134a	810 W - 4,580 W
	R-290	1,160 W - 3,210 W

		Panel thickness			
Refrigerated volume		V60	V80	V100	V120
Low temp. (-20°C / 35°C)	R-452A			1.5 m^3 - 16 m^3	
	R-290		2.7 m^3 -17 m^3	3.1 m^3 - 20 m^3	3.5 m^3 - 22 m^3
Medium temp. (0°C / 35°C)	R-134a	3.7 m^3 - 43 m^3	4.0 m^3 - 47 m^3	4.4 m^3 - 52 m^3	
	R-290	6.6 m^3 - 27 m^3	7.3 m^3 - 30 m^3	8.0 m^3 - 33 m^3	

AS Monoblock system for stand-alone installation

Main advantages:
› Extremely fast to assemble
› Reduced installation time and cost
› Very compact and very efficient

Room temperature	+10 ÷ -5 °C	-15 ÷ -25 °C
Refrigerants	R-134a (GWP: 1,430), R-290 (GWP: 3.3)	
Defrost	Hot gas	
Compressor type	Hermetic	

		Cooling capacity
Low temp. (-20°C / 35°C)	R-290	2,560 W
Medium temp. (0°C / 35°C)	R-134a	4,700 W - 10,100 W
	R-290	2,480 W - 3,250 W

		Panel thickness			
Refrigerated volume		V60	V80	V100	V120
Low temp. (-20°C / 35°C)	R-290		23	26	29
Medium temp. (0°C / 35°C)	R-134a	50 m^3 - 125 m^3	55 m^3 - 137 m^3	60 m^3 - 151 m^3	
	R-290	22 m^3 - 32 m^3	24 m^3 - 35 m^3	26 m^3 - 38 m^3	

Applications

GS Split sytem
Wall mounted condensing unit and ceiling mounted evaporator

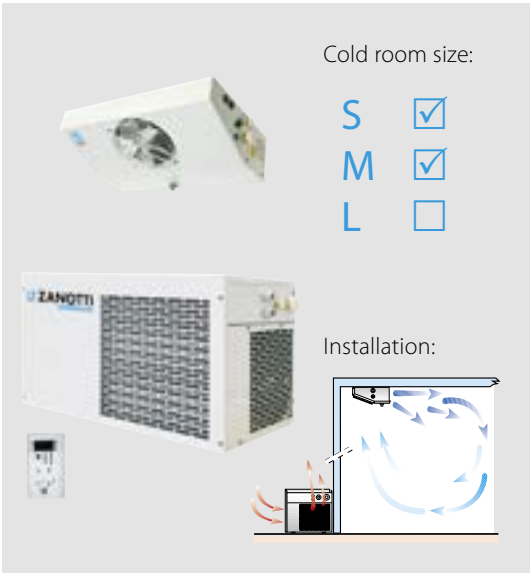
Main advantages:
› Extremely rapid mounting
› Best surface-to-capacity ratio
› Automatic alarm system for condenser cleaning
› New generation control panel: possibility to connect it to classic remote management systems or to a Modbus system
› Low sound levels thanks to optional compressor compartment soundproofing

Room temperature	+10 ÷ -5 °C	-15 ÷ -25 °C
Refrigerants	R-134a (GWP: 1,430) , R-452A (GWP:2,141)	
Defrost	Electric	
Compressor type	Hermetic	

		Cooling capacity
Low temp. (-20°C / 35°C)	R-452A	620 W - 2,160 W
Medium temp. (0°C / 35°C)	R-134a	820 W - 3,210 W

		Panel thickness			
Refrigerated volume		V60	V80	V100	V120
Low temp. (-20°C / 35°C)	R-452A		2.2 m^3 - 17 m^3	2.5 m^3 - 20 m^3	2.8 m^3 - 22 m^3
Medium temp. (0°C / 35°C)	R-134a	4.5 m^3 - 31 m^3	4.9 m^3 - 34 m^3	5.4 m^3 - 37 m^3	

SP-O Split system with capillary expansion sytem



Main advantages:
› Extremely fast to assemble thank to quick connections joints
› Reduced installation time and cost
› Best surface-to-capacity ratio

Room temperature	+10 ÷ -5 °C	-15 ÷ -25 °C
Refrigerants	R-134a (GWP: 1,430), R-452A (GWP: 2,141)	
Defrost	Electric	
Compressor type	Hermetic	

		Cooling capacity
Low temp. (-20°C / 35°C)	R-452A	600 W - 2,170 W
Medium temp. (0°C / 35°C)	R-134a	1,070 W - 3,340 W

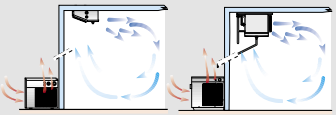
		Panel thickness			
Refrigerated volume		V60	V80	V100	V120
Low temp. (-20°C / 35°C)	R-452A		2.0 m^3 - 17 m^3	2.3 m^3 - 20 m^3	2.6 m^3 - 22 m^3
Medium temp. (0°C / 35°C)	R-134a	6.7 m^3 - 32 m^3	7.4 m^3 - 35 m^3	8.1 m^3 - 39 m^3	

DB-O Split system with thermostatic expansion valve

Cold room size:

S ☑
M ☑
L ☐

Installation:



Main advantages:
› Extremely fast to assemble thank to quick connections joints
› Reduced installation time and cost
› Best surface-to-capacity ratio

Room temperature	+10 ÷ -5 °C	-15 ÷ -25 °C
Refrigerants	R-134a (GWP: 1,430), R-452A (GWP: 2,141)	
Defrost	Electric	
Compressor type	Hermetic	

		Cooling capacity
Low temp. (-20°C / 35°C)	R-452A	600 W - 2,170 W
Medium temp. (0°C / 35°C)	R-134a	1,070 W - 13,420 W

		Panel thickness			
Refrigerated volume		V60	V80	V100	V120
Low temp. (-20°C / 35°C)	R-452A		2.0 m^3 - 17 m^3	2.3 m^3- 20 m^3	2.6 m^3 - 22 m^3
Medium temp. (0°C / 35°C)	R-134a	6.7 m^3 - 222 m^3	7.4 m^3 - 243 m^3	8.1 m^3- 267 m^3	

Other ranges

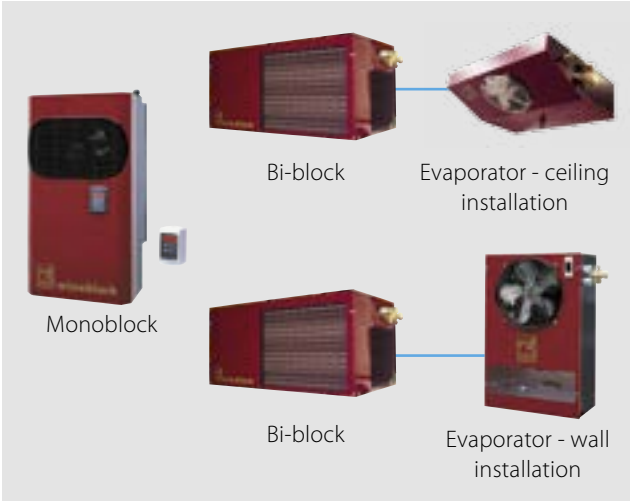
WINEBLOCK

Zanotti Wineblock (RCV/RDV)

Wineblock range guarantees optimal conditions for the conservation and refinement of wine:
› Maintenance of ideal temperature
› Appropriate humidity through
  › Humidification and dehumidification
  › Permanent air circulation
› The units are quiet and energy consumption is low

The electronic control box, which is easy to use and pre-programmed, can manage both temperature and humidity.

Applicable for small to medium sized spaces.



MULTI COMPRESSOR RACKS

Zanotti multicompressor racks are designed and manufactured to meet the specific needs of every customer in the field of refrigeration. They are intended to be used for all kind of medium and low temperature applications.

TRANSPORT REFRIGERATION

Zanotti's range for refrigerated transport of fresh and frozen food includes different kind of units for small and medium insulated bodies. The units are available with R-404A and R-134a refrigerant.
For large insulated containers Zanotti manufactures Diesel units (Un0° Series) both in monoblock and undermount versions.

INDUSTRIAL RANGE

The core business of the industrial range of Zanotti are the large cooling systems for logistics centres, cold storage solutions for the food, catering and petrochemical industries. Many leisure and sport facilities as ice inks, indoor snow valleys are using Zanotti freezing technology.

Market leading
controls

- ☑ Intuitive & user-friendly interface
- ☑ Cross pillar integration
- ☑ Cloud control
- ☑ Smart energy management
- ☑ Integration of Daikin and third party products

intelligent Touch Manager

Mini BMS for medium to large commercial buildings

› Price competitive mini BMS
› Cross-pillar integration of Daikin products
› Integration of third party equipment via WAGO or BACnet/IP
› Connect up to 512 indoor units groups

→ more information on page 582

intelligent Tablet Controller

Advanced centralised controller with Cloud connection

› Simply control your entire building centrally
› Total solution concept (integration of Split, Sky Air, VRV, ventilation, air curtains and hot water)
› Stylish optional screen fits any interior
› Cloud connection offers additional services such as online control, energy monitoring, comparison of energy consumption of multiple sites
› Connect up to 32 indoor units

→ more information on page 580

Find out more on
http://www.daikineurope.com/commercial/needs/controls

DAIKIN

New online controller for heating range

Control Systems

Control Systems

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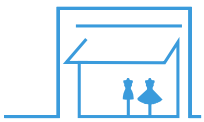
For latest data, please consult my.daikin.eu

Requirement tables per application

Daikin offers various control solution adapted to the requirements of even the most demanding commercial application.

› Basic control solutions for those customers with few requirements and limited budget
› Integrating control solutions for those customers that would like to integrate Daikin units into their existing BMS system
› Advanced control solutions for those customers that expect Daikin to deliver a mini BMS solution, including advance energy management

Shop



	Unit control		Integrating control			Advanced control	
	BRC1E53A/B/C	RTD-20	RTD-Net	KLIC-DI	EKMBDXA	DCC601A51	DCM601A51
	1 remote controller for 1 indoor unit (group)	1 gateway for 1 indoor unit (group)	1 gateway for 1 indoor unit (group)	1 gateway for 1 indoor unit	1 gateway for max. 64 indoor unit(s) (groups) & 10 outdoors	1 unit for 32 indoor unit(s)	1 iTM for 64 indoor unit(s) (groups) (1)
Automatic control of A/C	●	●	●	●	●	●	●
Limit control possibilities for shop staff	●	●	●	●	●	●	●
Create zones within the shop		●				●	●
Interlock with eg. Alarm, PIR sensor		●				● (limited)	●
Integrate Daikin units into existing BMS via Modbus			●		●		
Integrate Daikin units into existing BMS via KNX				●			
Integrate Daikin units into existing BMS via HTTP							●
Monitor energy consumption	● (4)					● (2)	●
Advanced energy management						● (2)	●
Allows free cooling						●	●
Integrate Daikin products cross pillars into Daikin BMS							●
Integrate third party products into Daikin BMS						●	●
Online control						● (2)	●
Manage multiple sites						● (2)	● (3)

(1) 7 iTM plus adapters (DCM601A52) can be added to have 512 indoor groups and 80 outdoor (systems) (2) Via Daikin cloud service (3) Through own IT set-up (not Daikin cloud server)
(4) Not available on all indoors

Hotel

	Unit control	Integrating control		Advanced control	
	BRC2/3E52C	RTD-HO	KLIC-DI	DCS601C51	DCM601A51
	1 remote controller for 1 indoor unit (group)	1 gateway for 1 indoor unit (group)	1 gateway for 1 indoor unit	1 iTC for 64 indoor unit(s) (groups)	1 iTM for 64 indoor unit(s) (groups) (1)
Hotel guest can control & monitor basic functionalities from his room	●	●	● (3)	●	●
Limit control possibilities for hotel guests	●	●	●	●	●
Interlock with window contact	● (2)	●			●
Interlock with key-card	● (2)	●			●
Integrate Daikin units into existing BMS via Modbus		●			
Integrate Daikin units into existing BMS via KNX			●		
Integrate Daikin units into existing BMS via HTTP				●	●
Monitor energy consumption					●
Advanced energy management					●
Integrate Daikin products cross pillars into Daikin BMS					●
Integrate third party products into Daikin BMS					●
Online control					●

(1) : 7 iTM plus adapters (DCM601A52) can be added to have 512 indoor groups and 80 outdoor (systems) (2) Via BRP7A51 adapter (3) requires KNX compatible controller

Office

	Unit control	Integrating control			Advanced control	
	BRC1E53A/B/C	EKMBDXA	DMS504B51	DMS502A51 / DAM412B51	DCC601A51	DCM601A51
	1 remote controller for 1 indoor unit (group)	1 gateway for max. 64 indoor unit(s) (groups) & 10 outdoors	1 gateway for 64 indoor unit(s) (groups)	1 gateway for 128 indoor unit(s) (groups), 20 out-doors (2)	1 unit for 32 indoor unit(s) (groups)	1 iTM for 64 indoor unit(s) (groups) (1)
Automatic control of A/C	●	●	●	●	●	●
Centralised control for management		●	●	●	●	●
Local control for office workers	●	●	●	●	●	●
Limit control possibilities for office workers	●				●	●
Integrate Daikin units into existing BMS via Modbus		●				
Integrate Daikin units into existing BMS via HTTP					●	●
Integrate Daikin units into existing BMS via LonTalk			●			
Integrate Daikin units into existing BMS via BACnet				●		
Energy consumption read out	●					
Monitor energy consumption					● (4)	●
Advanced energy management					● (4)	●
Integrate Daikin cross pillar products into Daikin BMS						●
Integrate third party products into Daikin BMS					●	●
Online control					● (4)	●
Manage multiple sites					● (4)	● (5)

(1) 7 iTM plus adapters (DCM601A52) can be added to have 512 indoor groups and 80 outdoor (systems) (2) extension needed to go to 256 indoor unit(s) (groups), 40 outdoors (3) ON/OFF only (4) Via Daikin cloud service (5) Through own IT set-up (not Daikin cloud sever)

Infrastructure cooling

NEW

	Unit	Integrating		Advanced
	BRC1E53A/B/C	RTD-10	DTA113B51	DCM601A51
	1 remote controller for 1 indoor unit (group) (2)	1 gateway for 1 indoor unit (group) Up to 8 gateways can be linked together	1 adapter for op to 4 units	1 iTM for 64 indoor unit(s) (groups) (1)
Automatic control of A/C	●	●	●	●
Back-up operation	●	●	●	●
Duty rotation	●	●	●	●
Limit control possibilities in the technical cooling room	●	●		●
If room temperature above max., then show alarm & start standby unit.		●		●
If an error occurs, an alarm will be shown.	●	●		●
If an error occurs, activate an alarm output	Via KRP2/4A option (3)	●		Via WAGO I/O

(1) : 7 iTM plus adapters (DCM601A52) can be added to have 512 indoor groups and 80 outdoor (systems) (2) Infrastructure cooling functions only compatible with indoor units connected to Seasonal Smart outdoor units. (3) See option list of indoor unit

Online controller

BRP069A41/42/43/45/61/62

Always in control,
no matter where you are

separate app for heating until May '17

The Daikin Online Controller application can control and monitor the status of your heating system or up to 50 split air conditioning units and allows you to:

Monitor:
› The status of your air conditioner or heating system
› Consult **energy consumption graphs**

Control:
› The **operation mode**, set temperature, fan speed and powerful mode, air direction and filtering (streamer) function
› Remotely control your system and domestic hot water
› **Zone control**: control **multiple** units at once (Split and Daikin Altherma integrated bi-zone only)

Schedule:
› Schedule the set temperature and operation mode with up to **6 actions per day for 7 days**
› Enable **holiday mode**
› View in an intuitive mode
› 3rd party products & services integration via IFTTT
› Demand control/power power limitation (Split only)

App with intuitive lay-out

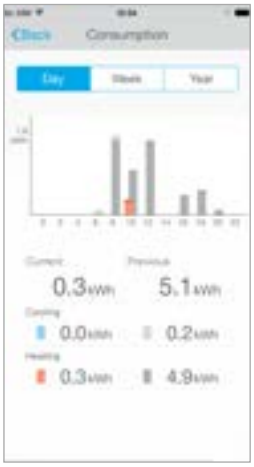
Control

Control operation mode, temperature, air purification, fan speed & direction

Schedule

Schedule the set temperature, operation mode and fan speed

Monitor



Monitor your energy consumption, set holiday schedule

Identify

Identify the rooms in your house

*Remark: Functions are depending on the indoor unit model

Connectable units

BRP069A41

› FTXG-LW/S
› FTXJ-MW/S *

BRP069A42

› FTXZ-N
› FTXS35-42-50K
› FTXS60-71G
› FTX50-60-71GV
› FTXLS-K3
› FVXG-K
› FVXS-F
› FLXS-B(9)
› ATXS35-50K

BRP069A43

› CTXS15-35K
› FTXS20-25K
› FTX20-25-35J3
› FTXL-JV
› ATXS20-25K
› ATX-J3
› ATXL-JV

BRP069A45

› FTX20-25-35KV
› FTX50-60KV
› ATX-KV
› C/FTXM-M
› FTXP-KV
› ATXM-M
› ATXP-KV

BRP069A61/62

Daikin Altherma ground source heat pump
› EGSQH-A9W
Daikin Altherma hybrid heat pump
› EHYHBH(X)-AV3(2)
Daikin Altherma low temperature split
› EHBH(X)-CB
› EHVH(X)-CB
Daikin Altherma low temperature monobloc
› EBLQ-CV3
› EDLQ-CV3

* controller included with the unit

IFTTT: make your work flow

IFTTT is a solution that connects compatible 3rd party products and services (smart meters, lights, thermostats, ...), so they work best for you.

Within IFTTT, 2 operation set-ups can be made:

› DO: it simply executes an action (e.g.: on/off)
› IFTTT stands for If This Then That and allows you to automate actions (Then That) depending on certain triggers (If This)

Example

IF you exit an area, **THEN** turn off the heating.

The trigger is location, which is determined by your smartphone. If you leave an area, such as your house for example, your heating will turn off automatically.

ARC4*/BRC4*/BRC7*

Infrared remote control

ARC466A1

BRC4*/BRC7*

Operation buttons: ON / OFF, timer mode start / stop, timer mode on / off, programme time, temperature setting, air flow direction (1), operating mode, fan speed control, filter sign reset (2), inspection (2) / test indication (2)
Display: Operating mode, battery change, set temperature, air flow direction (1), programmed time, fan speed, inspection / test operation (2)

1. Not applicable for FXDQ, FXSQ, FXNQ, FBDQ, FDXS, FBQ
2. For FX** units only
3. For all features of the remote control, refer to the operation manual

EKRUCBL/EKRUCBS

Wired remote control for Heating

EKRUCBL

EKRUCBS

› User friendly remote control with contemporary design
› For control of space heating, cooling and domestic hot water with among others reheat, scheduled and booster mode
› Easy to use: all main functions directly accessible
› An additional user interface can be a room thermostat in the space to be heated.
› Several languages possible depending on the model : English, German, Dutch, Spanish, Italian, French, Greek, Russian, etc.
› Easy commissioning: intuitive interface for advanced menu settings
› User friendly simplified remote control with contemporary design
› For control of space heating, cooling and domestic hot water, including booster mode
› Easy to use: all main functions directly accessible
› The simplified user interface can only be used in combination with the main user interface
› Use of universal symbols, no text

BRC073

Wired remote control for Split

BRC073

› User friendly remote control with contemporary design
› Easy to use: all main functions directly accessible
› Easy commissioning: intuitive interface for advanced menu settings
› Optimise your air conditioning system by activating a series of energy saving functions (temperature range limit, setback function, off timer, …)
› Set up to 3 independent schedules, so the user can easily change the schedule himself throughout the year (e.g. summer, winter, mid-season)
› Real time clock with auto update to daylight saving time
› Supports multiple languages (English, German, French, Italian, Spanish, Portuguese, Dutch, Czech, Croatian, Hungarian, Slovenian, Romanian, Bulgarian, Russian, Greek, Turkish, Polish, Serbian and Slovak) (depending on language package)
› Possibility to individually restrict menu functions
› Possibility to individually restrict each button
› Possibility to individually restrict each operation mode (Cooling, Heating, Auto, etc.)
› When a power failure occurs all settings remain stored up to 48 hours thanks to the built-in backup power and the clock remains running
› Setback operation maintains the indoor temperature at your specified comfort level during absence, thus saving energy

Note : Cable for wired remote control BRCW901A03 (3m) or BRCW901A08 (8m) required

BRC1D52

Wired remote control for Sky Air and VRV

› Schedule timer:
Five day actions can be set as follows:
- set point: unit is switched ON and normal operation is maintained
- OFF: unit is switched OFF1
- limits: unit is switched ON and min./max. control (cf. limit operation for more details)

› Home leave (frost protection): during absence, the indoor temperature can be maintained at a certain level. This function can also switch the unit ON/OFF
› User friendly HRV function, thanks to the introduction of a button for ventilation mode and fan speed
› Immediate display of fault location and condition
› Reduction of maintenance time and costs

Display

› Operating mode
› Heat Recovery Ventilation (HRV) in operation
› Cool / heat changeover control
› Centralised control indication
› Group control indication
› Set temperature
› Air flow direction
› Programmed time
› Inspection test / operation
› Fan speed
› Clean air filter
› Defrost / hot start
› Malfunction

NEW BRC1E53A/B/C

User friendly remote control with contemporary design for Sky Air and VRV

Graphical display of indicative electricity consumption (Function available in combination with FBQ-D, FCQG and FCGHQ)

A series of energy saving functions that can be individually selected

› NEW Demand control: decreases the power consumption to 70 or 40 % when other large applicances need to be switched on (1)
› Temperature range limit
› Setback function
› Presence & floor sensor connection (available on round flow and fully flat cassette)
› kWh indication
› Set temperature auto reset
› Off timer

Temperature range limit avoids excessive heating or cooling

Save energy by constraining the lower temperature limit in cooling and upper temperature limit in heating mode.

note : Also available in auto cooling/heating change over mode.

kWh indication keeps track of your consumption (2)

The kWh indication shows an indicative electricity consumption of the last day/month/year.

Other functions

› Up to 3 independent schedules can be set, so the user can easily change the schedule himself throughout the year (e.g. Summer, winter, mid-season)
› Possibility to individually restrict menu functions Easy to use: all main functions directly accessible
› NEW Choice of display between symbol or text
› Easy setup: clear graphical user interface for advanced menu settings
› NEW Remote control save mode : screen turns off when no person is changing mode or adjusting settings
› NEW Selection of quiet mode function for the outdoor unit (1)
› Real time clock with auto update to daylight saving time
› Built-in backup power: when a power failure occurs all settings remain stored up to 48 hours
› Supports multiple languages:
BRC1E53A: English, German, French, Dutch, Spanish, Italian, Portugese
BRC1E53B: English, Czech, Croation, Hungarian, Romanian, Slovenian, Bulgarian
BRC1E53C: English, Greek, Russian, Turkish, Polish, Slovak, Albanian

DUTY ROTATION

Cost-effective solution for infrastructure cooling applications

› Only in combination with RZQG*
› Duty rotation
  • After a certain period of time, the operating unit will go into standby and the standby unit will take over, increasing lifetime of the system
  • Rotation interval can be set from 6h, 12h, 24h, 72h, 96h, weekly
› Back-up operation: if one unit fails, the other unit will automatically start

(1) Only available on Seasonal Smart RZQG*, RZAG* and Seasonal classic RZQSG*
(2) For Sky Air FBQ-D, FCQG and FCQHG pair combinations only

BRC2E52A / BRC3E52A

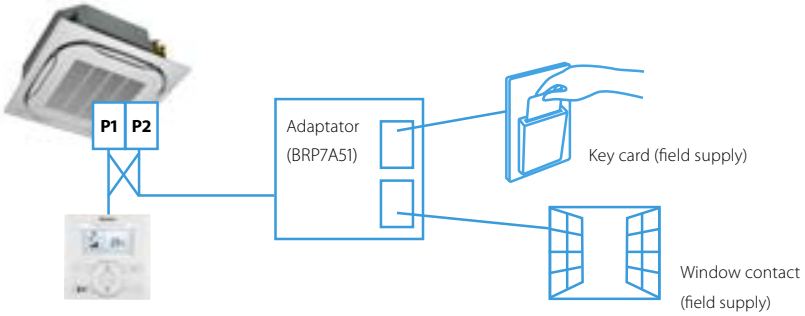
Simplified wired remote control developed for hotel applications

BRC2E52C
With operation mode selector

BRC3E52C
Without operation mode selector

› Symbol driven interface for intuitive control
› Functions restricted to basic customer needs
› Contemporary design
› Energy saving thanks key card, window contact integration and set point limitation (BRP7A51)
› Flexible setback function ensures room temperature remains within comfortable limits to ensure guest comfort
› Flat backpanel for easy installation
› Easy commissioning: intuitive interface for advanced menu settings
› 2 versions available:
  • BRC3E52C: temperature, fan speed, ON/OFF
  • BRC2E52C: temperature, mode, fan speed, ON/OFF

Key card and window contact integration



ARCWLA / ARCWB

Siesta individual control systems

Overview controllers for Siesta Sky Air

Siesta Sky Air indoor units	Controllers
AHQ-C ceiling suspended	• Standard infrared remote control in box of indoor unit ARCWLA • Wired remote control ARCWB • Optional group controller R04084124324
ABQ-C concealed ceiling	• Standard wired remote control (ARCWB) in box of indoor unit • Optional group controller R04084124324

Overview of features

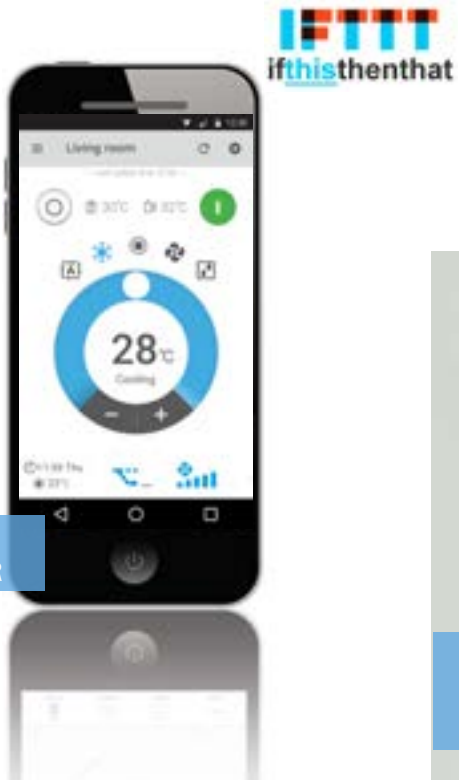
ARCWB

	Feature		ARCWB
			AHQ-C Standard for ABQ-C
1	ON/OFF switch		-
2	Temperature setting	Default range 16-30°C	-
		Optional range 20-30°C	•
		Switch between °C and °F	-
3	Room temperature sensor on remote control		-
4	Cool / Fan dry / Heat / Auto		-
5	Sleep mode		-
6	Fan Speed selection		-
7	Delay timer		••
8	7-days programmable timer		-
9	Real time clock display		-
10	Air swing selection	ON/OFF swing mode	-
		Change swing option (draft/soil prevention or standard)	-
11	LCD display without backlight		-
12	Key lock		-
13	Error code indication		-
14	IR receiver to enable compatibility with infrared remote control (disabled when lock function is activated)		-
15	Last state memory from indoor PCB		-
16	Silent mode		•
17	Turbo mode		•
18	Compressor test model (compressor force ON)		-
19	Daikin inverter error code		-
20	UART communication port (for Daikin protocol)		-
21	Backup battery		-

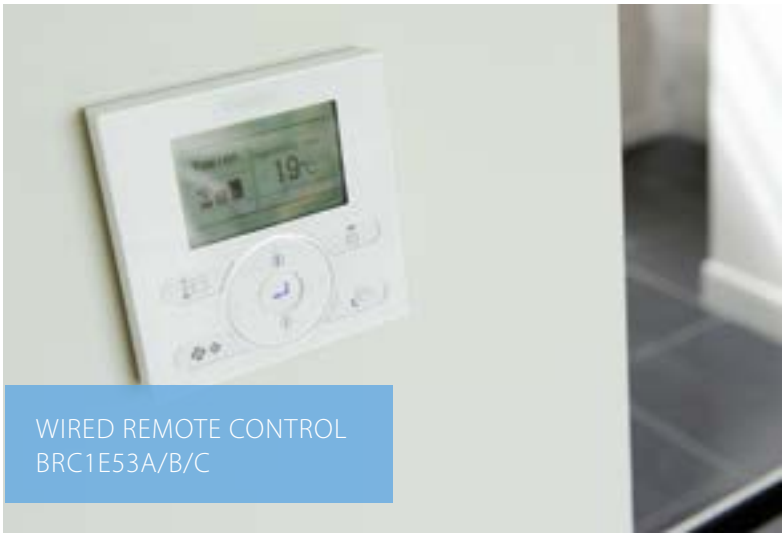
Specifications

› Dimensions (length x width x height) ARCWB: 0.15 m x 0.21 m x 0.04 m.
› ARCWB comes standard with a 10 metre cable, which can be extended to maximum cable length of 15 metres. ARCWB can only control one indoor unit at a time; group control is only possible when using option R04084124324.

- Standard
• By dipswitch selection
•• 1, 2 & 4 hours delay



ONLINE CONTROLLER



WIRED REMOTE CONTROL
BRC1E53A/B/C

INTELLIGENT
TOUCH MANAGER
DCM601A51

INFRARED REMOTE
CONTROLLER

Centralised control of the Sky Air and VRV system can be achieved via 3 user friendly compact remote controllers. These controls may be used independently or in combination with 1 group = several (up to 16) indoor units in combination and 1 zone = several groups in combination.
A centralised remote control is ideal for use in tenanted commercial buildings subject to random occupation, enabling indoor units to be classified in groups per tenant (zoning).
The schedule timer programmes the schedule and operation conditions for each tenant and the control can easily be reset according to varying requirements.

DCS302C51

Centralised remote control

Providing individual control of 64 groups (zones) of indoor units.

› a maximum of 64 groups (128 indoor units, max. 10 outdoor units) can be controlled
› a maximum of 128 groups (128 indoor units, max. 10 outdoor units) can be controlled via 2 centralised remote controls in separate locations
› zone control
› group control
› malfunction code display
› maximum wiring length of 1,000m (total: 2,000m)
› air flow direction and air flow rate of HRV can be controlled
› expanded timer function

DST301B51

Schedule timer

Enabling 64 groups to be programmed.

› a maximum of 128 indoor units can be controlled
› 8 types of weekly schedule
› a maximum of 48 hours back up power supply
› a maximum wiring length of 1,000m (total: 2,000m)

DCS301B51

Unified ON/OFF control

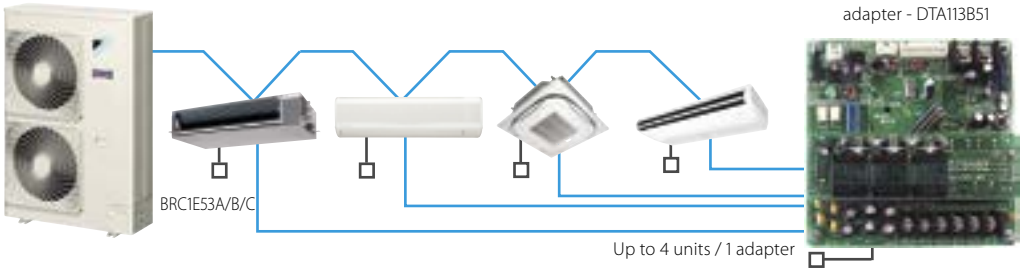
Providing simultaneous and individual control of 16 groups of indoor units.

› a maximum of 16 groups (128 indoor units) can be controlled
› 2 remote controls in separate locations can be used
› operating status indication (normal operation, alarm)
› centralised control indication
› maximum wiring length of 1,000m (total: 2,000m)

DTA113B51

Basic solution for control of Sky Air and VRV

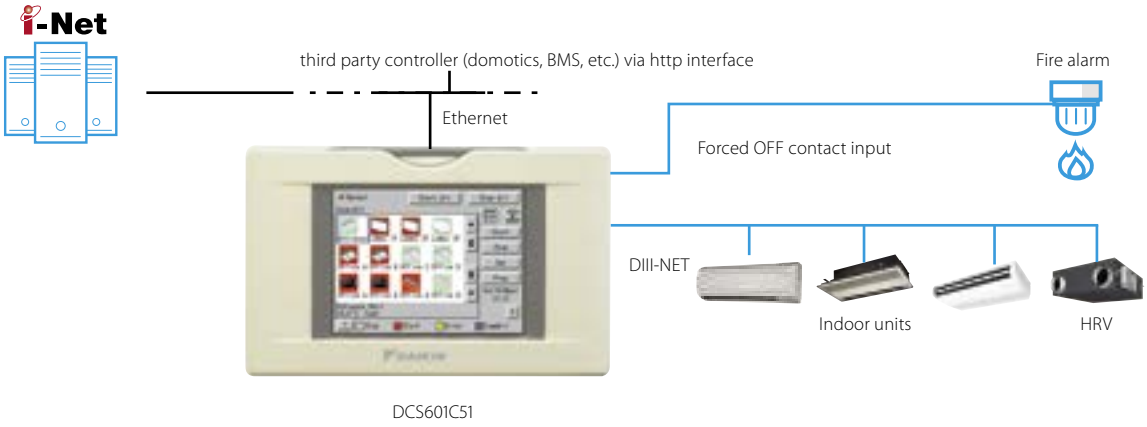
› Rotation function
› Backup operation function.



intelligent touch Controller

DCS601C51

Detailed & easy monitoring and operation of VRV systems (max. 64 indoor units groups).



Languages
› English
› French
› German
› Italian
› Spanish
› Dutch
› Portuguese

System layout
› Up to 64 indoor units can be controlled
› Touch panel (full colour LCD via icon display)

Control
› Individual control (set point, start/stop, fan speed) (max. 64 groups/indoor units)
› Set back shedule
› Enhanced scheduling function (8 schedules, 17 patterns)
› Flexible grouping in zones
› Yearly schedule
› Fire emergency stop control
› Interlocking control
› Increased HRV monitoring and control function
› Automatic cooling / heating change-over
› Heating optimization
› Temperature limit
› Password security: 3 levels (general, administration & service)
› Quick selection and full control
› Simple navigation

Monitoring
› Visualisation via Graphical User Interface (GUI)
› Icon colour display change function
› Indoor units operation mode
› Indication filter replacement
› Multi PC

Cost performance
› Free cooling function
› Labour saving
› Easy installation
› Compact design: limited installation space
› Overall energy saving

Open interface
› Communication to any third party controller (domotics, BMS, etc.) is possible via open interface (http option DCS007A51)

Connectable to
› VRV
› HRV
› Sky Air
› Split (via interface adapter)

intelligent Tablet Controller

DCC601A51

Advanced centralised controller with Cloud connection

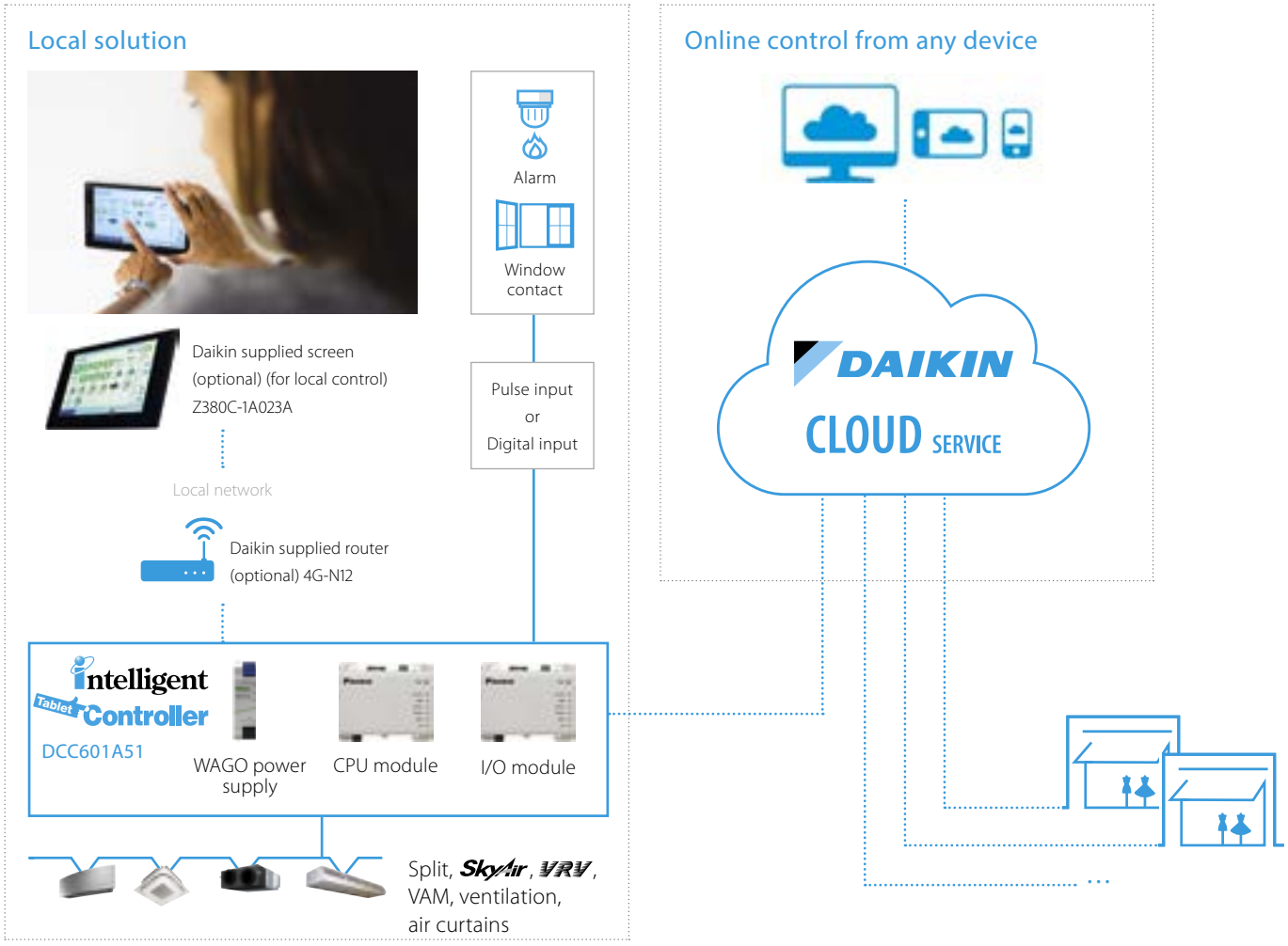
- Intuitive and user-friendly interface
- Flexible concept for stand alone and multi site applications
- Total solution thanks to integration of 3rd party equipment
- Monitor & control your small commercial building, no matter where you are

2 solutions:

Local solution
› Offline centralised control
› Stylish optional screen fits any interior

Cloud solution
› Flexible online control from any device (Laptop, tablet...)
› Monitor & control one or multiple sites
› Benchmark the energy consumption of different installations (1)
› Energy consumption follow-up to comply with local regulations

System layout



(1) For VRV

Total solution

› Total solution thanks to a large integration of Daikin products and 3rd party equipment
› Connect a wide range of units (Split, Sky Air, VRV, Ventilation, Biddle air curtains)
› Simply control your entire building centrally
› Increased customer shopping experience by better management of your shop comfort level

Daikin Cloud Services

› Control your building no matter where you are
› Monitor and control multiple sites
› Installer or technical manager can remotely login to the cloud for first troubleshooting
› Benchmark the energy consumption of different installations (1)
› Manage & track your energy use

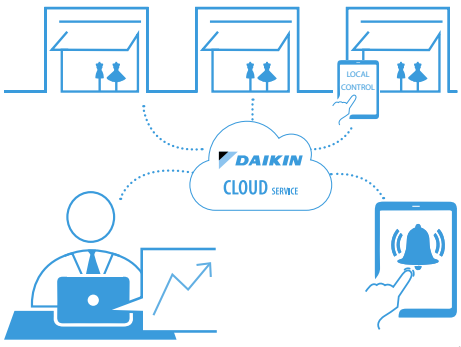
User friendly touch control

› Stylish Daikin supplied optional screen for local control fits any interior
› Intuitive and user-friendly interface
› Full solution with simple control
› Easy commissioning

Flexible

› Inputs via digital and pulse input for 3rd party equipment such as kWh meters, emergency input, window contact, …
› Modular concept allows your cloud to grow with your business
› Control up to 32 indoor unit (groups)

From one to ∞ sites

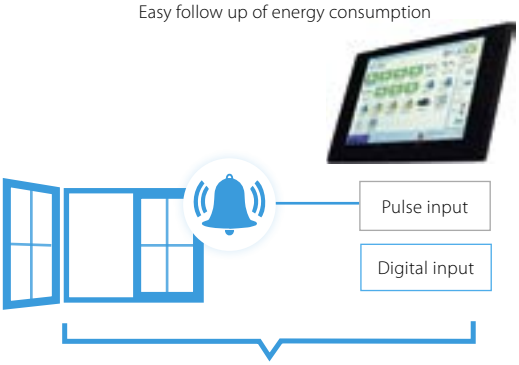


Customer

Installer/ technical manager

Intuitive control from the cloud

Easy follow up of energy consumption



Indoor uit

Functions overview

		Local solution	Cloud solution
Languages		Depends on local device	EN, DE, FR, NL, ES, IT, EL, PT, RU, TR, DA, SV, NO, FI, CS, HR, HU, PL, RO, SL, BG, SK
System layout	N° of connectable indoor units	32	32
	Multiple sites control		●
Monitoring & control	Basic control functions (ON/OFF, mode, filter sign, setpoint, fan speed, ventilation mode, room temperature, …)	●	●
	Remote control prohibition	●	●
	All devices ON/OFF	●	●
	Zone control		●
	Group control	●	●
	Weekly schedule	●	●
	Yearly schedule		●
	Interlock control	●	●
	Set point limitation		●
	Visualisation of energy use per operation mode		●
Connectable to	DX split, Sky Air, VRV	●	●
	VAM, VKM ventilation	●	●
	Air curtains	●	●

Mini BMS

with full integration across all product pillars

DCM601A51

intelligent Manager

- Price competitive mini BMS
- Cross-pillar integration of Daikin products
- Integration of third party equipment

NEW

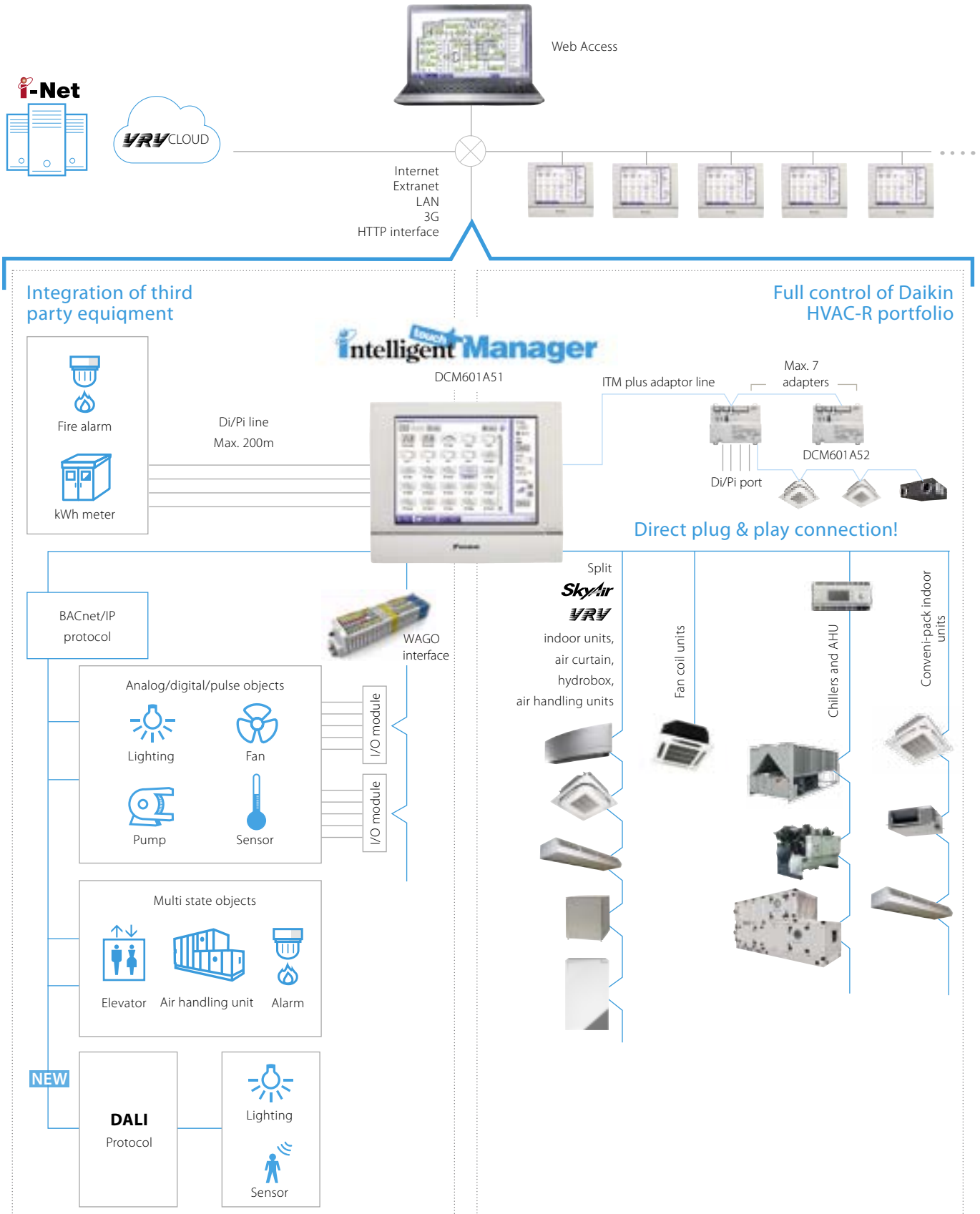
Download the WAGO selection tool from my.daikin.eu

› Easy selection of WAGO materials
› Material list creation
› Time saving
  - Includes wiring schemes
  - Contains commissioning/preset data for iTM

Check on YouTube

https://www.youtube.com/DaikinEurope

System overview



intelligent Manager

User friendliness

› Intuitive user interface
› Visual lay out view and direct access to indoor unit main funtions
› All functions direct accessible via touch screen or via web interface

Smart energy management

› Monitoring if energy use is according to plan
› Helps to detect origins of energy waste
› Powerful schedules guarantee correct operation throughout the year
› Save energy by interlocking A/C operation with other equipment such as heating

Flexibility

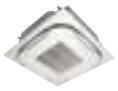
› Cross-pillar integration (heating, air conditioning, applied systems, refrigeration, air handling units)
› BACnet protocol for 3rd party products integration
› I/O for integration of equipment such as lights, pumps… on WAGO modules
› Modular concept for small to large applications
› Control up to 512 indoor unit groups via one ITM and combine multiple ITM via web interface

Easy servicing and commissioning

› Remote refrigerant containment check reducing on site visit
› Simplified troubleshooting
› Save time on commissioning thanks to the pre-commissioning tool
› Auto registration of indoor units

Plug & play

Split

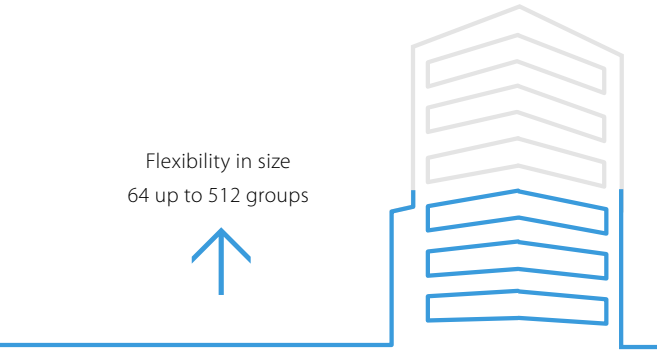

SkyAir

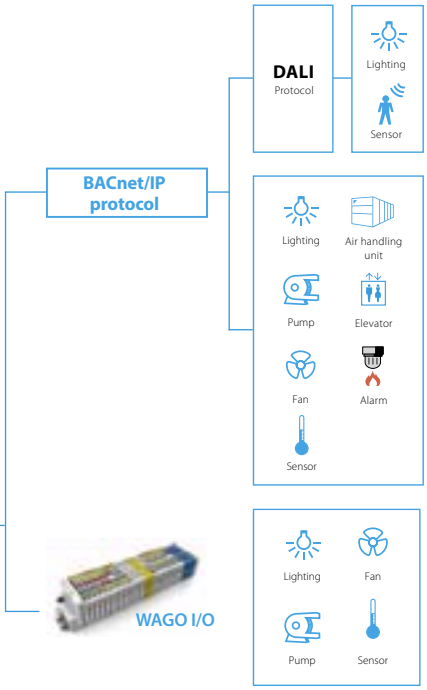
VRV

Fan coils

Chillers and AHU

Conveni-pack indoor units





Functions overview

Languages
› English
› French
› German
› Italian
› Spanish
› Dutch
› Portuguese

Management
› Web access
› Power Proportional Distribution (option)
› Operational history (malfunctions, …)
› Smart energy management
- monitor if energy use is according to plan
- detect origins of energy waste
› Setback function
› Sliding temperature

WAGO Interface
› Modular integration of 3rd party equipment
- WAGO coupler (interface between WAGO and iTM)
- Di module
- Do module
- Ai module
- Ao module
- Thermistor module
- Pi module

Open http interface
› Communication to any third party controller (domotics, BMS, etc.) is possible via http open interface (http option DCM007A51)

System layout
› Up to 512 unit groups can be controlled (ITM + 7 iTM Plus adapters)

Control
› Individual control (512 groups)
› Schedule setting (Weekly schedule, yearly calender, seasonal schedule)
› Interlock control
› Setpoint limitation
› Temperature limit

NEW

DALI integration
› Control and monitor the lights
› Easier facility management: receive error signal when light or light controller has a malfunction
› Flexible approach and less wiring needed, compared to classic light scheme
› Easier to make groups and control scenes
› Connection between intelligent Touch Manager and DALI through WAGO BACnet IP interface

Connectable to
- DX Split, Sky Air, VRV
- Chillers (via MT3-EKMBACIP controller)
- Daikin AHU
- Fan coils
- Daikin Altherma Flex type
- LT and HT hydroboxes
- Biddle Air curtains
- WAGO I/O
- BACnet/IP protocol

Modbus Interface

RTD

RTD-RA

› Modbus interface for monitoring and control of residential indoor units

RTD-NET

› Modbus interface for monitoring and control of Sky Air, VRV, VAM and VKM

RTD-10

› Advanced integration into BMS of Sky Air, VRV, VAM and VKM through either:
- Modbus
- Voltage (0-10V)
- Resistance

› Duty/standby function for server rooms

RTD-20

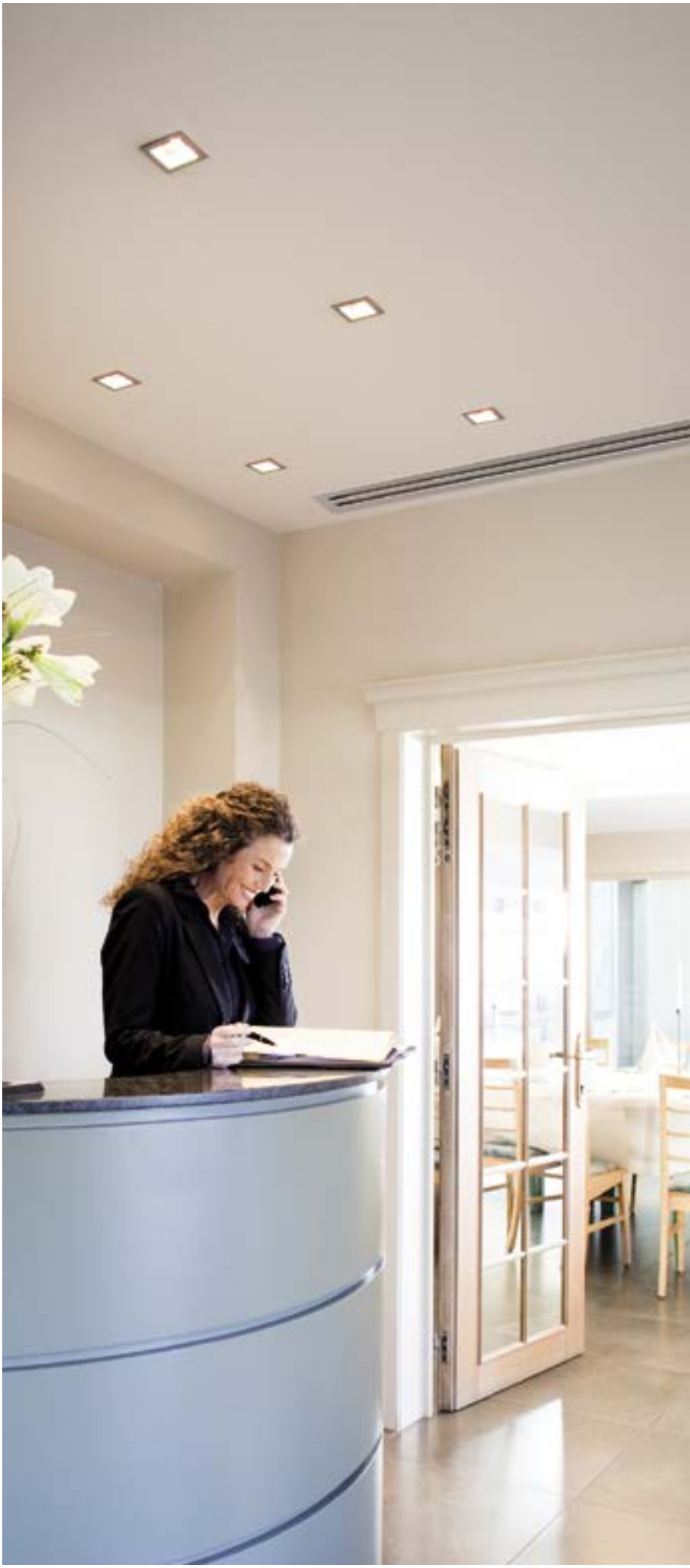
› Advanced control of Sky Air, VRV, VAM/VKM and air curtains
› Clone or independent zone control
› Increased comfort with integration of CO_2 sensor for fresh air volume control
› Save on running costs via
- pre/post and trade mode
- set point limitation
- overall shut down
- PIR sensor for adaptive deadband

RTD-HO

› Modbus interface for monitoring and control of Sky Air, VRV, VAM and VKM
› Intelligent hotel room controller

RTD-W

› Modbus interface for monitoring and control of Daikin Altherma Flex Type, VRV HT hydrobox and small inverter chiller



Overview functions

Main functions	RTD-RA	RTD-NET	RTD-10	RTD-20	RTD-HO
Dimensions H x W x D mm	80 x 80 x 37,5	100 x100 x 22			
Key card + window contact					✓
Set back function	✓				✓
Prohibit or restrict remote control functions (setpoint limitation, ...)	✓	✓	✓	✓**	✓
Modbus (RS485)	✓	✓	✓	✓	✓
Group control	✓(1)	✓	✓	✓	✓
0 - 10 V control			✓	✓	
Resistance control			✓	✓	
IT application	✓		✓		
Heating interlock			✓	✓	
Output signal (on/defrost, error)			✓	✓****	✓
Retail application				✓	
Partitioned room control				✓	
Air curtain		✓***	✓***	✓	

(1): By combining RTD-RA devices

Control functions	RTD-RA	RTD-NET	RTD-10	RTD-20	RTD-HO
On/Off	M,C	M	M,V,R	M	M*
Set point	M	M	M,V,R	M	M*
Mode	M	M	M,V,R	M	M*
fan	M	M	M,V,R	M	M*
Louver	M	M	M,V,R	M	M*
HRV Damper control		M	M,V,R	M	
Prohibit/Restrict functions	M	M	M,V,R	M	M*
Forced thermo off	M				

Monitoring functions	RTD-RA	RTD-NET	RTD-10	RTD-20	RTD-HO
On/Off	M	M	M	M	M
Set point	M	M	M	M	M
Mode	M	M	M	M	M
fan	M	M	M	M	M
Louver	M	M	M	M	M
RC temperature		M	M	M	M
RC mode		M	M	M	M
nbr units		M	M	M	M
Fault	M	M	M	M	M
Fault code	M	M	M	M	M
Return air temperature (Average /Min/Max)	M	M	M	M	M
Filter alarm		M	M	M	M
Termo on	M	M	M	M	M
Defrost		M	M	M	M
Coil In/Out temperature	M	M	M	M	M

Main functions	RTD-W
Dimensions H x W x D mm	100x100x22
On/off prohibition	✓
Modbus RS485	✓
Dry contact control	✓
Output signal (operation error)	✓
Space heating / cooling operation	✓
Domestic hot water control	✓
Smart Grid control	

Control functions	
On/Off Space heating/cooling	M,C
Set point leaving water temperature (heating / cooling)	M,V
Room temperature setpoint	M
Operation mode	M
Domestic Hot water ON	
Domestic Hot Water reheat	M,C
Domestic Hot Water reheat setpoint	
Domestic Hot Water storage	M
Domestic Hot Water Booster setpoint	
Quiet mode	M,C
Weather dependent setpoint enable	M
Weather dependent curve shift	M
Fault/pump info relay choice	
Control source prohibition	M

Smart grid mode control	
Prohibit Space heating/cooling	
Prohibit DHW	
Prohibit Electric heaters	
Prohibit All operation	
PV available for storage	
Powerful boost	

Monitoring functions	
On/Off Space heating/cooling	M,C
Set point leaving water temperature (H/C)	M
Room temperature setpoint	M
Operation mode	M
Domestic Hot Water reheat	M
Domestic Hot Water storage	M
Number of units in the group	M
Average leaving water temperature	M
Remocon room temperature	M
Fault	M,C
Fault code	M
Circulation pump operation	M
Flow rate	
Solar pump operation	
Compressor status	M
Desinfection operation	M
Setback operation	M
Defrost/ start up	M
Hot start	
Booster Heater operation	
3-Way valve status	
Pump running hours accumulated	M
Compressor running hours accumulated	
Actual leaving water temperature	M
Actual return water temperature	M
Actual DHW tank temperature (*)	M
Actual refrigerant temperature	
Actual outdoor temperature	M

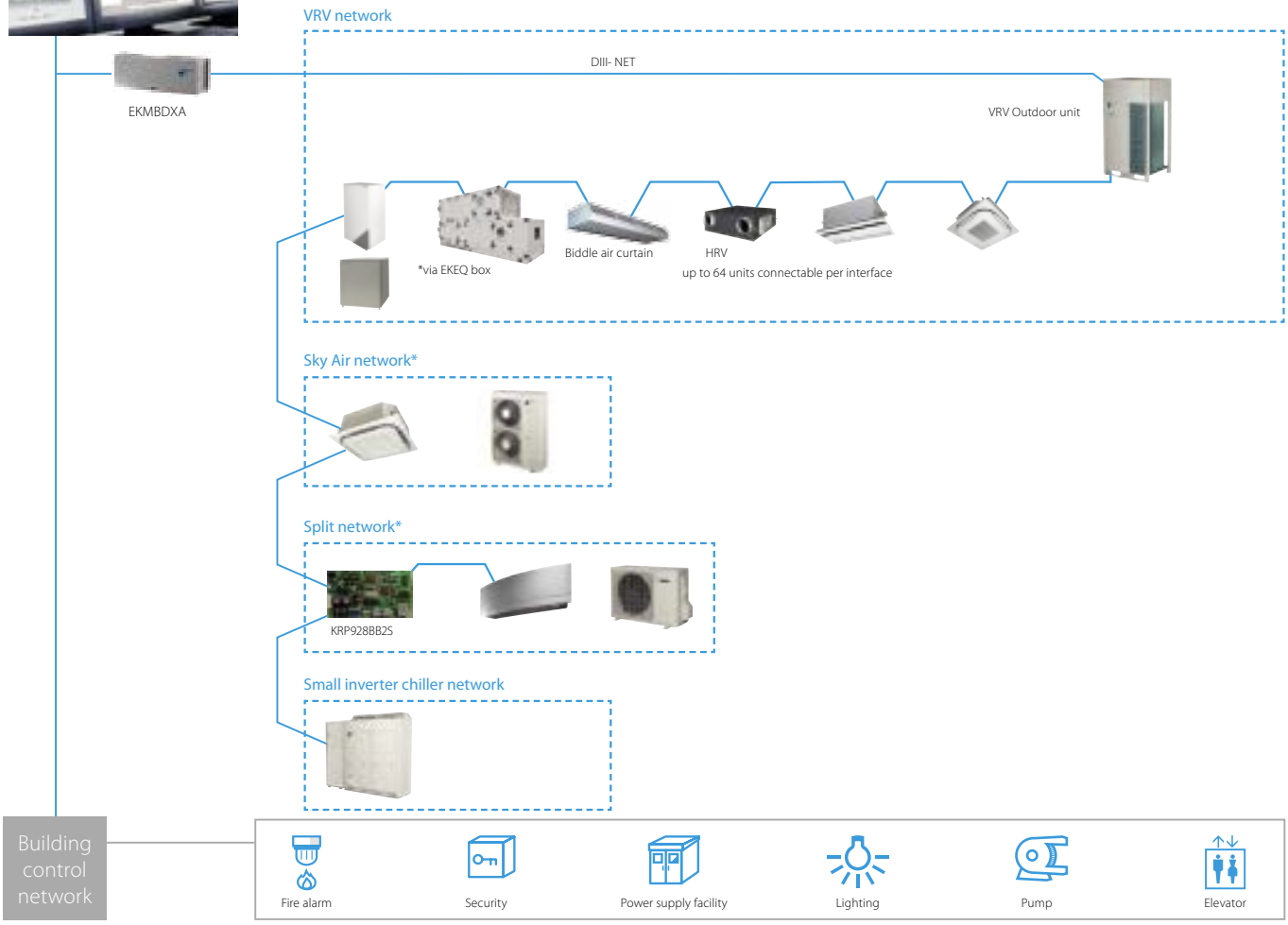
M : Modbus / R : Resistance / V : Voltage / C: control
* : only when room is occupied / ** : setpoint limitation / (*) if available
*** : no fan speed control on the CYV air curtain / **** : run & fault

DIII-net Modbus interface

EKMBDXA

Integrated control system for seamless connection between Split, Sky Air, VRV and small inverter chillers and BMS systems

› Communication via Modbus RS485 protocol
› Detailed monitoring and control of the VRV total solution
› Easy and fast installation via DIII-net protocol
› As the Daikin DIII-net protocol is being used, only one modbus interface is needed for a group of Daikin systems (up to 10 outdoor unit systems).

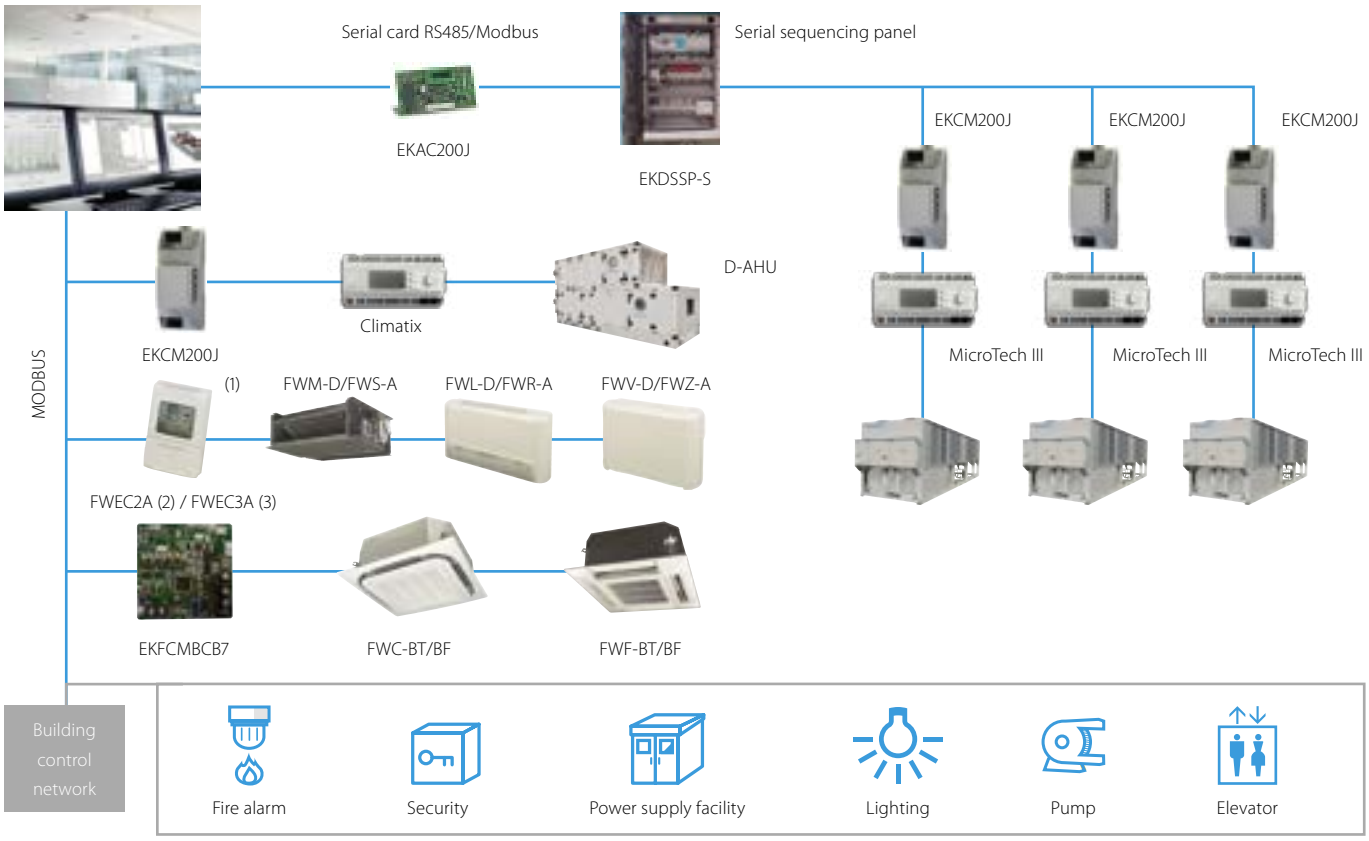


* Additional centralized controller might be required. For more information contact your local dealer.

			EKMBDXA7V1
Maximum number of connectable indoor units			64
Maximum number of connectable outdoor units			10
Communication	DIII-NET - Remark		DIII-NET (F1F2)
	Protocol - Remark		2 wire; communication speed: 9600 bps or 19200 bps
	Protocol - Type		RS485 (modbus)
	Protocol - Max. Wiring length	m	500
Dimensions	HeightxWidthxDepth	mm	124x379x87
Weight		kg	2.1
Ambient temperature - operation	Max.	°C	60
	Min.	°C	0
Installation			Indoor installation
Power supply	Frequency	Hz	50
	Voltage	V	220-240

Modbus interface

Integrate chillers, fan coil units and air handling units in BMS systems via modbus protocol



(1) The communication module is integrated in the controller (2) Connection to FWV-D, FWL-D & FWM-D (3) Connection to FWV-D, FWL-D, FWM-D and to FWZ-A, FWR-A, FWS-A

Integrate Refrigeration units in BMS systems via modbus protocol

BRR9A1V1

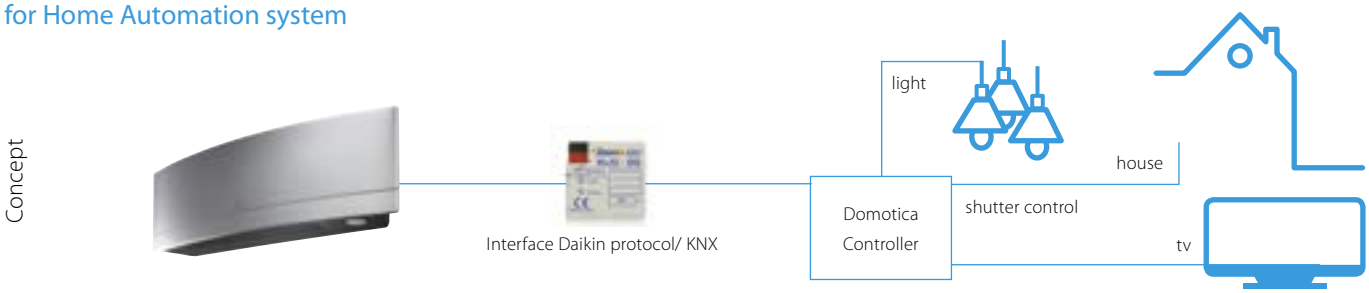
* For all connectable indoor units and Biddle air curtains please refer to the Conveni-pack pages in this catalogue

KNX interface

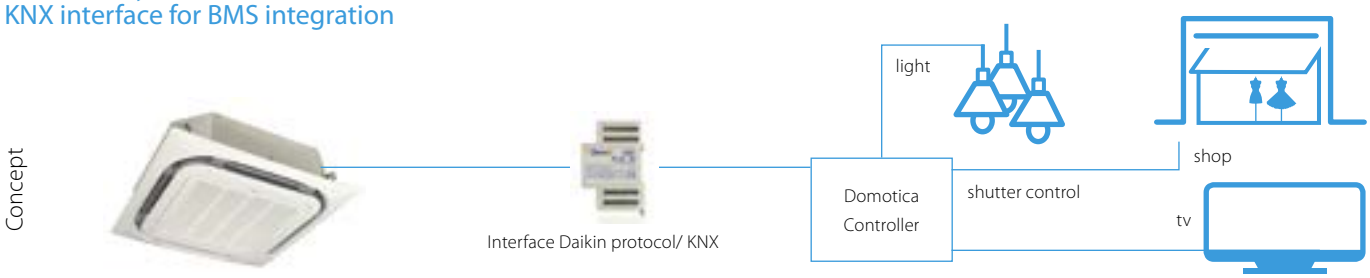
KLIC-DD
KLIC-DI

Integration of Split, Sky Air and VRV in HA/BMS systems

Connect split indoor units to KNX interface for Home Automation system



Connect Sky Air / VRV indoor units to KNX interface for BMS integration



KNX interface line-up

The integration of Daikin indoor units through the KNX interface allows monitoring and control of several devices, such as lights and shutters, from one central controller. One particularly important feature is the ability to programme a 'scenario' - such as "Home leave" - in which the end-user selects a range of commands to be executed simultaneously once the scenario is selected. For instance in "Home leave", the air conditioner is off, the lights are turned off, the shutters are closed and the alarm is on.

KNX interface for

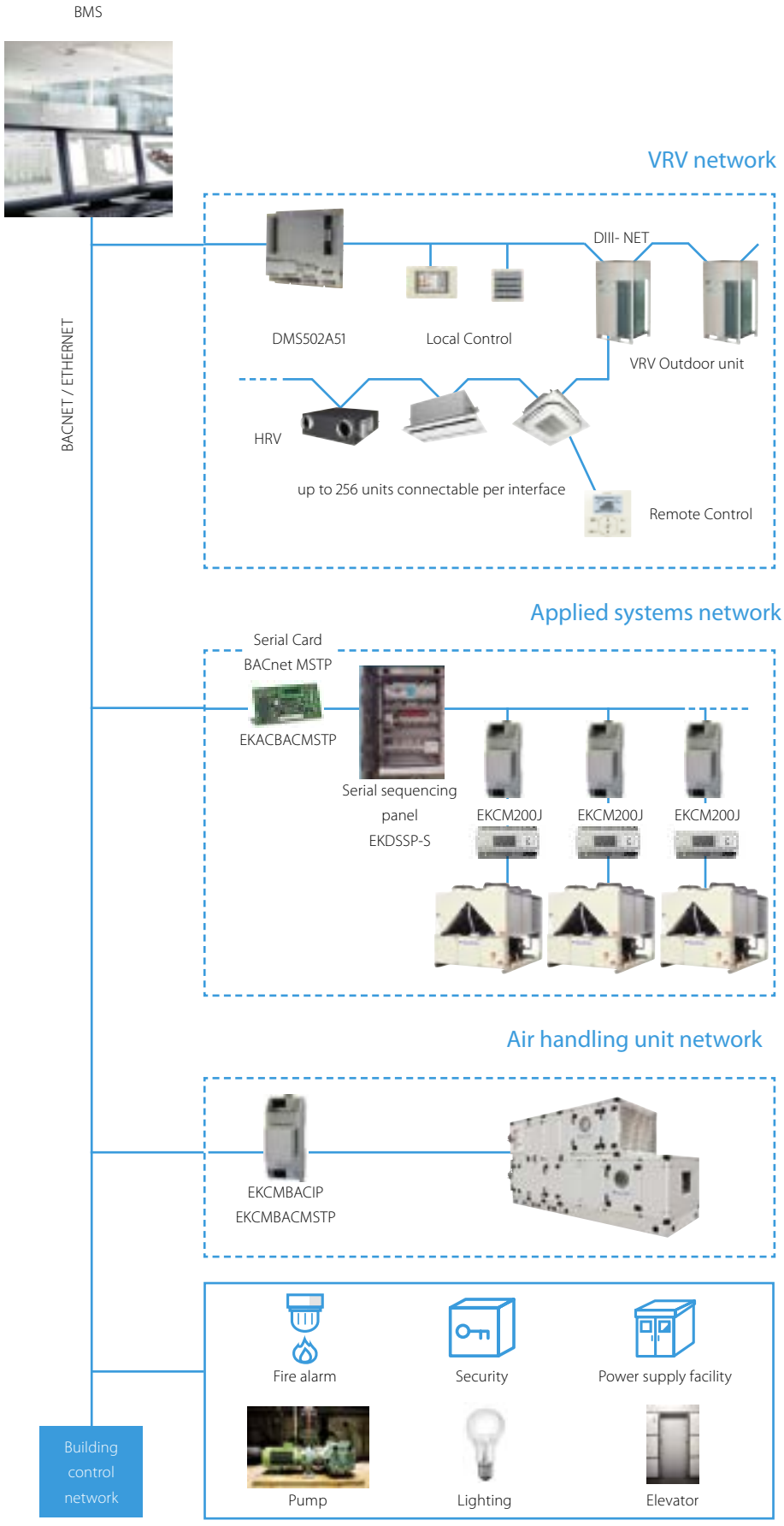
	KLIC-DD Size 45x45x15mm	KLIC-DI Size 90x60x35mm	
	Split	Sky Air	VRV
Basic control			
On/Off	●	●	●
Mode	Auto, heat, dry, fan, cool	Auto, heat, dry, fan, cool	Auto, heat, dry, fan, cool
Temperature	●	●	●
Fan speed levels	3 or 5 + auto	2 or 3	2 or 3
Swing	Stop or movement	Stop or movement	Swing or fixed positions (5)
Advanced functionalities			
Error management	Communication errors, Daikin unit errors		
Scenes	●	●	●
Auto switch off	●	●	●
Temperature limitation	●	●	●
Initial configuration	●	●	●
Master and slave configuration		●	●

BACnet Interface

DMS502A51 / EKACBACMSTP / EKCMBACIP / EKCMBACMSTP

Integrated control system for seamless connection between VRV, applied systems, air handling units and BMS systems

- Interface for BMS system
- Communication via BACnet protocol (connection via Ethernet)
- Unlimited sitesize
- Easy and fast installation
- PPD data is available on BMS system (only for VRV)

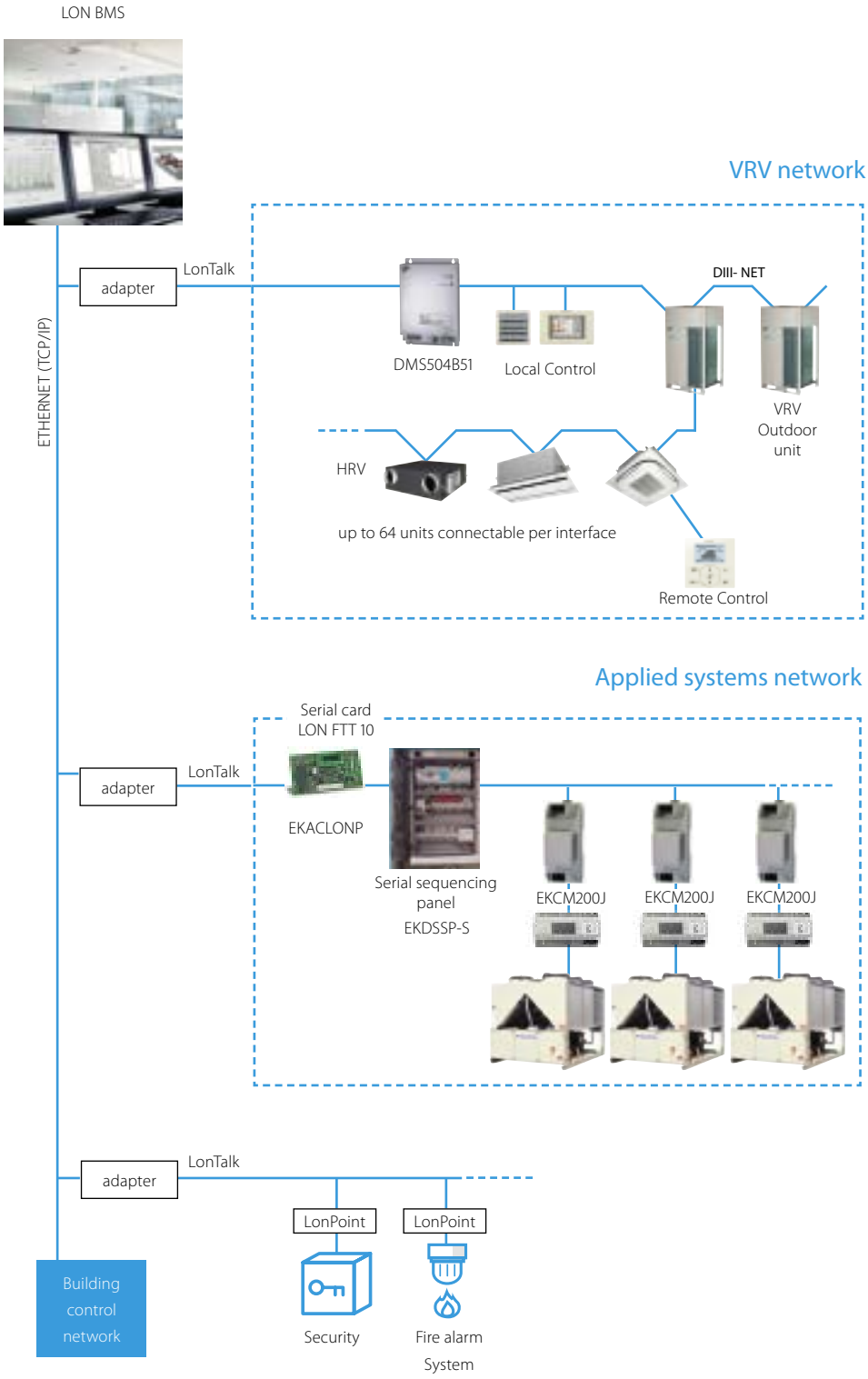


LonWorks Interface

DMS504B51 / EKACLONP

Open network integration of VRV and applied systems monitoring and control functions into LonWorks networks

- Interface for Lon connection to LonWorks networks
- Communication via Lon protocol (twisted pair wire)
- Unlimited sitesize
- Quick and easy installation



Daikin Configurator Software

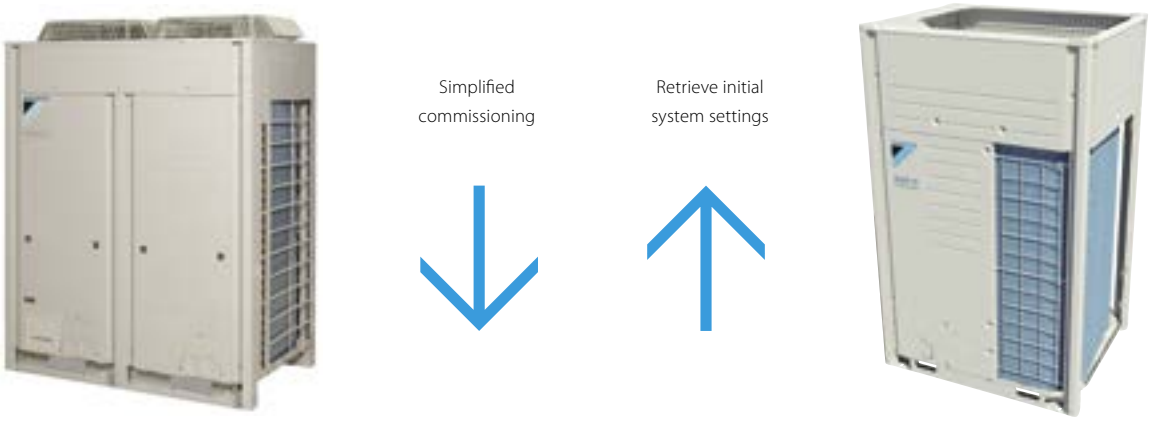
EKPCCAB3

Simplified commissioning: graphical interface to configure, commission and upload system settings

Simplified commissioning

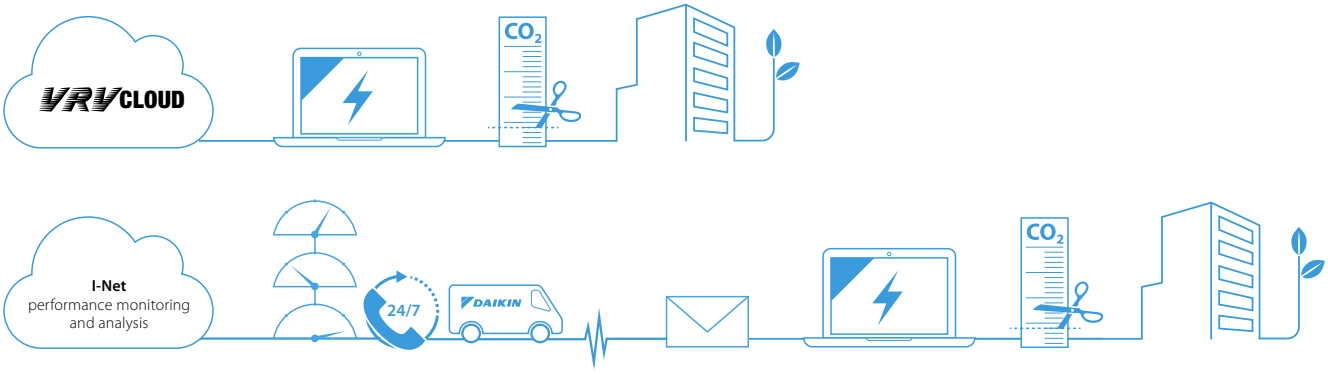
The Daikin configurator for Daikin Altherma and VRV is an advanced software solution that allows for easy system configuration and commissioning:

› Less time is required on the roof configuring the outdoor unit
› Multiple systems at different sites can be managed in exactly the same way, thus offering simplified commissioning for key accounts
› Initial settings on the outdoor unit can be easily retrieved



What is I-Net?

A service based on our global remote monitoring technology, keeping your system trouble-free and working with top efficiency.



What does I-Net offer you

Safeguarding the lifelong optimum operation of your air conditioning system means getting geared up to operate the system in a energy efficient way and reduce unexpected breakdowns and costs to the absolute minimum. This is where I-Net helps to improve the effectiveness of your building management.

I-Net is about 'being connected' with Daikin, the Internet-based link between you, your air conditioning system and Daikin's Remote Monitoring Centre. This allows you to monitor your energy consumption and Daikin's expert service engineers to monitor your entire system's status non-stop, all year round. Through predicting malfunctions and offering technical advice from data analysis, you can maximise equipment uptime, as well as controlling energy costs with no sacrifice in comfort levels. By doing this, i-Net will prevent problems, prolong your system's service life while reducing the energy bill.

I-Net Services

i-Net consists of 2 main services: the VRV Cloud and I-Net performance monitoring and analysis.

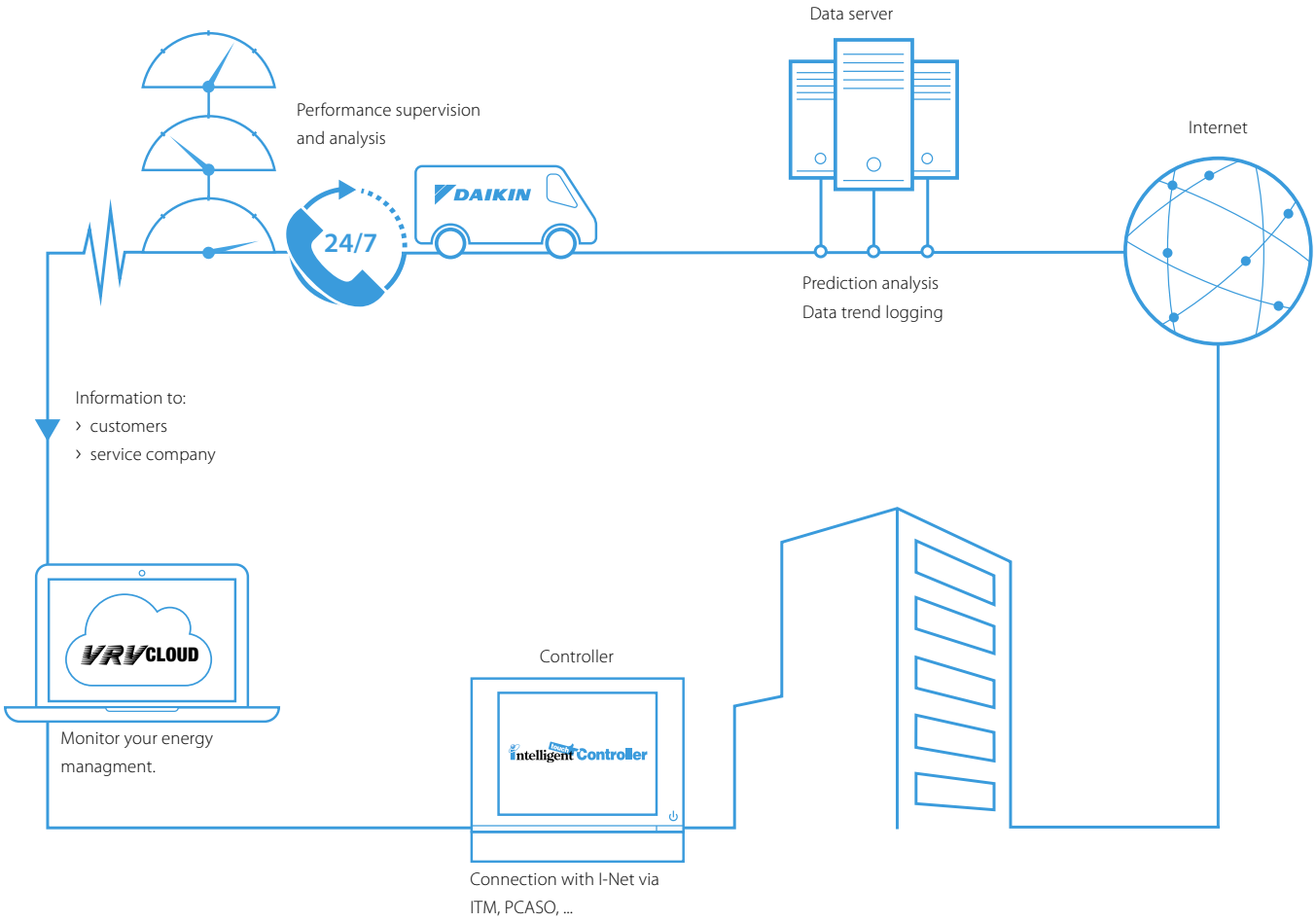
VRV Cloud

The VRV Cloud puts you in the driving seat of your energy management. The easy-to-use energy data trending and analytic tools puts you in control and shows you CO_2 footprint reduction opportunities and energy savings of up to 15%.

Saving starts by measuring. Enhance your company's sustainability !

I-Net performance monitoring and analysis

Focus on your core business and hand the HVAC over to Daikin. Daikin I-Net connects your system continuously with Daikin. It notifies alarms and early warnings of system deviations to maximise system uptime and the comfort of the people in the building. Service providers have webbased access to operation data so that they are fully prepared when they arrive on-site. Specialists run trend analyses. All of which boosts your system's reliability by ensuring that it is running at optimum efficiency.



i-Net

Daikin VRV Cloud

Helps you manage your energy through Daikin technology.

› Intelligent energy visualization tool that helps you with your energy management
› 24/7 online monitoring by the customer from any location.
› User friendly visualization of VRV energy management (kWh)
› Analysis support of waste operation
› Multiple site monitoring

Performance monitoring

Daikin's unique I-Net Service aims to prevent the equipment coming to an unexpected stop or needing emergency repair.

Fast response, better prepared

› If an alarm does occur, the service provider is immediately alerted and receives all crucial information.
› Early fault indication (predictions) : operation data are 24/7 checked by I-Net prediction algorithms to act as early as possible, averting unscheduled breakdowns.
› Performance Supervision by Daikin experts enhances a maintenance plan.
› This service aims to enhance the service level, to respond fast and accurate, to save on unexpected repair costs and assure the peace of mind. Repetitive interventions and disturbance of building tenants and maintenance teams are kept to a minimum.

Long lifetime systems

› I-Net will maximise the installation's lifetime, by assuring the equipment runs in optimal conditions and avoid unnecessary stress on components.

Analysis

Be connected with Daikin's experts, this gives you a clear overview of operability and use of the air conditioning system.

› Daikin continuously monitors energy, operation and comfort data. Thanks to periodic analysis of the data, Daikin can suggest ways of improving performance.
› if there is a problem, Daikin specialists will analyse the operation data history to provide remote support.

Wireless room temperature sensor

K.RSS

Flexible and easy installation

› Accurate temperature measurement thanks to flexible placement of the sensor
› No need for wiring
› No need to drill holes
› Ideal for refurbishment

Connection diagram Daikin indoor unit PCB (FXSQ example)

Specifications

			Wireless room temperature sensor kit (K.RSS)	
			Wireless room temperature receiver	Wireless room temperature sensor
Dimensions		mm	50 x 50	ø 75
Weight		g	40	60
Power supply			16VDC, max. 20 mA	N/A
Battery life			N/A	+/- 3 years
Battery type			N/A	3 Volt Lithium battery
Maximum range		m	10	
Operation range		°C	0~50	
Communication	Type		RF	
	Frequency	MHz	868.3	

› Room temperature is sent to the indoor unit every 90 seconds or if the temperature difference is 0.2°C or larger.

Wired room temperature sensor

KRCS01-1B
KRCS01-4B

› Accurate temperature measurement, thanks to flexible placement of the sensor

Specifications

Dimensions (HxW)	mm	60 x 50
Weight	g	300
Length of branch wiring	m	12

ADAPTER PCBs

Simple solutions for unique requirements

Concept and benefits

› Low cost option to satisfy simple control requirements
› Deployed on single or multiple units

			Connectable to:		
			Split	Sky Air	VRV
	(E)KRP1B* adapter for wiring	• Facilitates integration of auxiliary heating apparatus, humidifiers, fans, damper • Powered by and installed at the indoor unit		●	●
	KRP2A*/KRP4A* Wiring adapter for electrical appendices	• Remotely start and stop up to 16 indoor units (1 group) (KRP2A* via P1 P2) • Remotely start and stop up to 128 indoor units (64 groups) (KRP4A* via F1 F2) • Alarm indication/ fire shut down • Remote temperature setpoint adjustment • Cannot be used in combination with a central controller		●	●
	KRP58M3	• Low noise and demand control option for RZQ200/250C		●	
	SB.KRP58M51	• Low noise and demand control option for RZQG and RZQSG single phase • Includes mounting plate EKMKSA1		●	
	KRP58M51	• Low noise and demand control option for RZQG1 and RZQSG 3 phase		●	
	DTA104A* Outdoor Unit External Control Adapter	• Individual or simultaneous control of VRV system operating mode • Demand control of individual or multiple systems • Low noise option for individual or multiple systems			●
	DCS302A52 Unification adapter for computerized control	• Enables unified display (operation/malfunction) and unified control (ON/OFF) from BMS system • Must be used together with Intelligent Touch Controller or intelligent Touch Manager • Cannot be combined with KRP2/4* • Can be used for all VRV indoor models			●
	KRP928* Interface adapter for DIII-net	• Allows integration of split units to Daikin central controls	●		
	KRP413* Wiring adapter normal open contact / normal open pulse contact	• Switch off auto restart after power failure • Indication of operation mode / error • Remotely start /stop • Remotely change operation mode • Remotely change fan speed	●		
	KRP980* Adapter for split units without an S21 port	• Connect a wired remote control • Connect to Daikin central controls • Allow external contact	●		

Some adapters require an installation box, refer to the option lists for more information

Accessories

EKRORO		• External ON/OFF or forced off • Example: door or window contact
EKRORO 3		• External ON/OFF or forced off • F1/F2 contact • Example: door or window contact
KRC19-26A		• Mechanical cool/heat selector • Allows switching over an entire system between cooling/heating/fan only • Connects to the A/B/C terminals of the unit
BRP2A81		• Cool/heat selector PCB • Required to connect KRC19-26A to a VRV IV outdoor unit

Intelligent Tablet Controller - DCC601A51

		intelligent Controller		
		Options for local control	**Cloud options**	**Software**
Zenpad 8" Tablet for local control	Z380C	●	–	–
Asus 4G-N12 router	4G-N12	●	–	–
Online control - for remote montoring and control	DCC001A51	–	●	–
Multi site – for remote monitoring, control and comparison of multiple sites (needed for each site)	DCC002A51	–	●	–
Full – contains packs DCC001/002/003A51	DCC004A51	–	●	–
App for tablet – Application to run on Z380C tablet (download from Play store, Android only)		–	–	●
Commisioning tool		–	–	●
Software update tool		–	–	●

Intelligent Touch Manager

		intelligent Manager
		Options & software
iTM plus adapter – Allows connection of an additional 64 indoor units/groups. Up to 7 adapters can be connected	DCM601A52	●
iTM ppd software – Allows distribution of used kWh by indoor units connected to the iTM	DCM002A51	●
iTM HTTP interface - Allows communication to any third party controller via http interface	DCM007A51	●
iTM energy navigator – Energy management option	DCM008A51	●
iTM BACnet Client option – Enables integration of third party devices to the iTM via the BACnet/IP protocol. (This is not a gateway and cannot replace DMS502A51)	DCM009A51	●

Standard protocol interfaces

		DMS502A51
		BACnet Interface
DIII-net expansion port (2 ports), connects up to 128 additional indoor units	DAM411B51	●
Digital pulse inputs (12) for PPD functionality	DAM412B51	●

Power supply

T1 = 3~, 220V, 50Hz
V1 = 1~, 220-240V, 50Hz
VE = 1~, 220-240V/220V, 50Hz/60Hz*
V3 = 1~, 230V, 50Hz
VM = 1~, 220~240V/220~230V, 50Hz/60Hz
W1 = 3N~, 400V, 50Hz
Y1 = 3~, 400V, 50Hz

* For VE power supply only 1~, 220-240V, 50Hz data is displayed in this catalogue.

Conversion table refrigerant piping

inch	mm
1/4″	6.4 mm
3/8″	9.5 mm
1/2″	12.7 mm
5/8″	15.9 mm
3/4″	19.1 mm
7/8″	22.2 mm
1 1/8″	28.5 mm
1 3/8″	34.9 mm
1 5/8″	41.3 mm
1 3/4″	44.5 mm
2″	50.8 mm
2 1/8″	54 mm
2 5/8″	66.7 mm

F-gas regulation

For fully/partially charged equipment: contains fluorinated greenhouse gases. Actual refrigerant charge depends on the final unit construction, details can be found on the unit labels.

For non pre-charged equipment (Chillers: split chiller (SEHVX/SERHQ), condensing units and condenserless chillers + refrigeration (LCBKQ-AV1, JEHCCU/JEHSCU and ICU): its functioning relies on fluorinated greenhouse gases.

Measuring conditions

Air conditioning

1) Nominal cooling capacities are based on:	
Indoor temperature	27°CDB/19°CWB
Outdoor temperature	35°CDB
Refrigerant piping length	7.5m - 8/5m VRV
Level difference	0m
2) Nominal heating capacities are based on:	
Indoor temperature	20°CDB
Outdoor temperature	7°CDB/6°CWB
Refrigerant piping length	7.5m - 8/5m VRV
Level difference	0m

Refrigeration

ZEAS	Chilling	Evaporating temp. -10°C; outdoor temp. 32°C; Suction SH10°C
	Freezing	Evaporating temp. -35°C; outdoor temp. 32°C; Suction SH10°C
Conveni-Pack	Cooling priority mode	Indoor temp. 27°CDB/19°CWB; outdoor temp. 32°CDB; piping length:7.5m; level difference: 0m
		Evaporating temp. -10°C; outdoor temp. 32°CDB; Suction SH: 10°C
	Heating recovery 100% mode	Indoor temp. 20°C; outdoor temp. 7°CDB,6°CWB; refrigeration load 18kW; piping length:7.5m; level difference: 0m
	Saturated temperature equivalent to suction pressure (refrigeration side)	10°C (under chilled condition); connection capacity for indoor air conditioner: 10HP, when heat recovery is 100
Booster unit		Evaporating temp. -35°C; outdoor temp. 32°C; suction SH 10K; saturated temp. to discharge pressure of booster unit -10°C
CCU/SCU		Outside ambient temp. 32°C; Evaporating temp. = -10°C and 10K superheat (medium temperature application)

Applied systems

Air cooled	Cooling only	Evaporator: 12°C/7°C	Ambient: 35°CDB
	Heat pump	Evaporator: 12°C/7°C	Ambient: 35°C
		Condenser: 40°C/45°C	Ambient: 7°CDB/6°CWB
Water cooled	Cooling only	Evaporator: 12°C/7°C	
		Condenser: 30°C/35°C	
	Heating only	Evaporator: 12°C/7°C	
		Condenser: 40°C/45°C	
Condenserless chiller		Evaporator: 12°C/7°C	
		Condensing temperature: 45°C / liquid temperature: 40°C	
Fan coil units	Cooling	Room temperature: 27°CDB /19°CWB	
		Water inlet/outlet temperature: 7°C/12°C	
	Heating	Room temperature: 20°C 2 pipe: Water inlet temperature: 50°C (same water flow as in cooling mode) 4 pipe: Water inlet/outlet temperature: 70°C/60°C	

The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value, depending on the distance and acoustic environment (for measuring conditions: please refer to the technical databooks). The sound power level is an absolute value indicating the "power" which a sound source generates. For more detailed information please consult our technical databooks.

Notes:

Benefits

Humidity control

Ururu - humidification
Moisture is absorbed from the outdoor air and evenly distributed throughout the indoor areas.

Dry programme
Allows humidity levels to be reduced without variations in room temperature.

Sarara - dehumidification
Reduces indoor humidity, without affecting the room temperature, by mixing cool, dry air with warm air.

Air treatment

Flash streamer
Generates high speed electrons that powerfully breaks down viruses, bacteria, odours and allergens.

Deodorising filter
Captures airborne dust particles and decomposes odours to ensure a ready supply of clean air.

Titanium apatite deodorizing filter
Captures airborne dust particles and harmful organic chemical substances such as bacteria, viruses and allergens and deodorizes the odours of e.g. tobacco and pets.

Air filter
Removes airborne dust particles to ensure a steady supply of clean air.

Remote control & timer

Weekly timer
Timer can be set to start operation anytime on a daily or weekly basis

Timer
Allows to preset the air conditioner to start/stop at a specified time.

Wired remote control
Wired remote control to start, stop and regulate the air conditioner from a distance.

24 Hour timer
Timer can be set to start cooling/heating anytime during a 24-hour period.

Infrared remote control
Infrared remote control with LCD to start, stop and regulate your indoor unit from a distance.

Centralised control
Centralised control to start, stop and regulate several indoor units from one central point.

Online controller via app
Control your indoor unit from any location via app. (optional WLAN adapter)

Other functions

Auto-restart
The unit restarts automatically at the original settings after power failure.

Twin/triple/double twin application
2, 3 or 4 indoor units can be connected to only 1 outdoor unit even if they have different capacities. All indoor units operate within the same mode (cooling or heating) from one remote control.

VRV for residential application
Up to 9 indoor units (even different capacities and up to 71 class) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.

Multi tenant
The indoor unit's main power supply can be turned off when leaving the hotel or office building.

Scroll compressor
Scroll compressors consist of two scrolls, one is fixed while the other orbits eccentrically without rotating. Designed for small and medium capacities, they provide constant reliability and high efficiency throughout its service life.

Centrifugal compressor
Centrifugal compressors use an impeller and volute section to convert the velocity energy into pressure energy. Centrifugal compressors are designed with either optional variable speed drives (VFD) for superior part-load performance for single or dual compressor units, or with magnetic bearings and totally oil-free operation.

Guaranteed operation down to -20°C
Daikin heat pumps are suitable for all climates, even withstanding severe winter conditions with an operation range down to -20°C

Infrastructure cooling
Remove in a reliable, efficient and flexible way the heat constantly generated by the IT and server equipment to ensure maximum uptime while offering the best return on investment.

Self-diagnosis
Simplifies maintenance by indicating system faults or operating anomalies.

Multi model application
Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.

Drain pump kit
Facilitates condensation draining from the indoor unit.

Swing compressor
Swing type compressors have a unified vane and roller with fewer moving parts producing low vibration and friction, achieve higher reliability and efficiency compared to conventionally rotary compressors.

Screw compressor
Single screw compressors consist of a main single screw and two gate rotors. Optimal performance through step less capacity control, they are designed for high capacities and optimal performances.

Reciprocating compressor
The reciprocating type compressor consists of a cylinder, pistons and valves. The compression is accomplished by reciprocating movements of the piston in the cylinder.

Guaranteed operation down to -25°C
Daikin heat pumps are suitable for all climates, even withstanding severe winter conditions with an operation range down to -25°C

Benefits

We care icons

Seasonal efficiency, smart use of energy
Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season.

Auto-cleaning filter
The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.

Inverter technology
In combination with inverter controlled outdoor units

2 area intelligent eye
Air flow is sent to a zone other than where the person is located at that moment. Detection is done in 2 directions: left and right. If no people are detected, the unit will automatically switch over to the energy-efficient setting.

3 area intelligent eye
Air flow is sent to a zone other than where the person is located at that moment. Detection is done in 3 directions : left, front and right. If no people are detected, the unit will automatically switch over to the energy-efficient setting and eventually switch off.

Energy saving during operation standby
Current consumption is reduced by about 80 % when operating on standby.

Night set mode
Saves energy, by preventing overcooling or overheating during night time.

Econo mode
This function decreases the power consumption so that other applicances that need large power consumption can be used. This function is also energy saving.

Movement sensor
The sensor detects whether someone is in the room. When the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.

Home leave operation
During absence, the indoor temperature can be maintained at a certain level.

Fan only
The air conditioner can be used as fan, blowing air without cooling or heating.

Free cooling
By exploiting the low external air temperatures to cool the water, free cooling reduces the load on the compressors and decreases considerably the annual operating costs during the cold season.

Floor & presence sensor
The presence sensor directs the air away from any person detected in the room, when the air flow control is on. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor.

Solar panel
Take advantage of solar power. Easily connect your hot water storage to solar collectors on your roof.

Comfort

Comfort mode
The unit automatically changes the angle of the air discharge louvre depending on the mode. In cooling operation the air will be directed rather upwards to avoid cold draught, while in heating operation the air will be directed rather downwards to avoid cold feet.

Powerful mode
If the temperature in the room is too high/low, it can be cooled down/heated quickly by selecting the 'powerful mode'. After the powerful mode is turned off, the unit returns to the preset mode.

Whisper quiet
Daikin units are whisper quiet. (with sound levels as low as 19dBA)

Outdoor unit silent operation
To ensure a quiet environment for the neighbourhood the user can lower the operation sound of the outdoor unit by 3 dB(A) via remote control.

Comfortable sleeping mode
Increased comfort function that follows a specific temperature fluctuation rhythm.

Fresh hot water
The structure of thermal store ensures optimal water hygiene and eliminates the risk of bacteria and legionella. Rest assured that your hot water is fresh and safe

Draught prevention
When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.

Auto cooling-heating changeover
Automatically selects cooling or heating mode to achieve the set temperature (heat pump types only).

Indoor unit silent operation
To ensure a quiet environment for studying or sleeping the user can lower the operation sound of the indoor unit by 3 dB(A) via remote control.

Night quiet mode (cooling only)
Lowers the operation sound of the outdoor unit automatically at night.
Installer has to make special setting on outdoor unit or wired remote controller, depending on model.

Radiant heat
The front panel of the indoor unit radiates additional heat to add to your comfort on cold days

Air flow

Ceiling soiling prevention
A special function prevents air blowing out too long in horizontal position, to prevent ceiling stains.

Vertical auto swing
Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution.

Auto fan speed
Automatically selects the necessary fan speed to reach or maintain the set temperature.

Individual flap control
Flexible installation thanks to the possibility of easily closing one flap via the wired remote controller, to suit any new room configuration. Optional closure kits are available as well.

3-D Air flow
This function combines Vertical and Horizontal auto-swing to circulate a stream of cool/warm air right to the corners of even large spaces.

Horizontal auto swing
Possibility to select automatic horizontal moving of the air discharge louvre, for uniform air flow and temperature distribution.

Fan speed steps
Allows to select up to the given number of fan speed.

DAIKIN

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The present publication supersedes ECPEN16-500A.