



Heating Technical Data

VRVIII heat pump, optimised for heating



EEDEN13-203

RTSYQ-PA

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RTSYQ-PA

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1 Features

- 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
- 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
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Connectable to all VRV indoor units, ventilation and control systems
- Keep your system in top condition via our ACNSS service: 24/7 monitoring for maximum efficiency, extended lifetime, immediate service support thanks to failure prediction and a clear understanding of operability and usage



Inverter

2 Specifications

2-1 Technical Specifications					RTSYQ10PA	RTSYQ14PA	RTSYQ16PA	RTSYQ20PA
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.		kW	28.0 (1)	40.0 (1)	45.0 (1)	56.0 (1)	
Heating capacity	Nom.		kW	31.5 (2) / 28.0 (3)	45.0 (2) / 40.0 (3)	50.0 (2) / 45.0 (3)	63.0 (2) / 55.9 (3)	
Capacity control	Steps		%	9 ~ 100	7 ~ 100		6 ~ 100	
Power input - 50Hz	Cooling	Nom.	kW	7.90 (1)	12.6 (1)	14.9 (1)	15.4 (1)	
	Heating	Nom.	kW	7.78 (2) / 8.18 (3)	11.4 (2) / 12.8 (3)	13.0 (2) / 15.0 (3)	15.4 (2) / 18.7 (3)	
EER				3.54 (1)	3.17 (1)	3.02 (1)	3.64 (1)	
COP				4.05 (2) / 3.42 (3)	3.95 (2) / 3.13 (3)	3.85 (2) / 3.00 (3)	4.09 (2) / 2.99 (3)	
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	Max.	dBA	62	63	65		
		Nom.	dBA	60	61	63		
Piping connections	Liquid	Type			Braze connection			
		OD	mm	9.52	12.7		15.9	
	Gas	Type			Braze connection			
		OD	mm	22.2	28.6			
	Oil equalizing	Type			-		Braze connection	
		OD	mm	-		19.1		
	Piping length	OU - IU	Max.	m	165			
		After branch	Max.	m	90 (11)			
	Total piping length	System	Actual	m	500			
	Level difference	OU - IU	Outdoor unit in highest position	m	50			
			Indoor unit in highest position	m	40			
		IU - IU	Max.	m	15			
Defrost method				Deicer				

Standard Accessories : Connection pipes;

Standard Accessories : Installation manual;

Standard Accessories : Operation manual;

Standard Accessories : Clamps;

2 Specifications

2-2 Electrical Specifications					RTSYQ10PA	RTSYQ14PA	RTSYQ16PA	RTSYQ20PA
Current	Nominal running current (RLA) - 50Hz	Com-pressor 1	Cooling	A	4.5	3.4	6.1	8.2
		Com-pressor 2	Cooling	A	6.8	7.5	7.6	6.2
		Com-pressor 3	Cooling	A	-	7.5	7.6	6.7
Current - 50Hz	Starting current (MSC)			A	74	84	85	79
	Minimum circuit amps (MCA)			A	21.6	31.5	32.5	41.2
	Maximum fuse amps (MFA)			A	25	35	40	50
	Total overcurrent amps (TOCA)			A	31.5	46.4	48.3	48.0
	Full load amps (FLA)	Fan motor	A	0.9	0.6	0.7		
		Fan motor 2	A	-	0.6	0.7	0.9	

Notes

- (1) Cooling: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units
- (2) Heating: Indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units
- (3) Heating: Indoor temp. 20°CDB; outdoor temp. -10°CWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units
- (4) RLA is based on following conditions: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB
- (5) TOCA means the total value of each OC set.
- (6) MSC means the maximum current during start up of the compressor
- (7) Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
- (8) Maximum allowable voltage range variation between phases is 2%.
- (9) Select wire size based on the larger value of MCA or TOCA
- (10) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).
- (11) Refer to refrigerant pipe selection or installation manual
- (12) Cooling: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 7 units
- (13) Heating: Indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 7 units
- (14) Heating: indoor temp. 20°CDB; outdoor temp. -10°CWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 7 units
- (15) Cooling: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 8 units
- (16) Heating: Indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 8 units
- (17) Heating: Indoor temp. 20°CDB; outdoor temp. -10°CWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 8 units
- (18) Cooling: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 10 units
- (19) Heating: Indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 10 units
- (20) Heating: Indoor temp. 20°CDB; outdoor temp. -10°CWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 10 units
- (21) Select wire size based on the value of MCA

2 Specifications

2-3 Technical Specifications					BTSQ20P	RTSQ8PA	RTSQ10PA	RTSQ12PA	RTSQ14PA	RTSQ16PA	
Dimensions	Unit		Height	mm	1,570	1,680					
			Width	mm	460	930			1,240		
			Depth	mm	765						
Weight	Unit			kg	110	205	257		338	344	
Heat exchanger	Type				-	Cross fin coil					
Compressor	Quantity				1		2		3		
	Type				Hermetically sealed scroll compressor						
	Piston displacement		m³/h	16.9		13.72					
	Speed		rpm	7,980		6,300					
	Output		W	4,700		2,200	3,500	1,900	3,200		
	Starting method				Soft start						
Compressor 2	Type				-		Hermetically sealed scroll compressor				
	Piston displacement		m³/h	-		10.53					
	Speed		rpm	-		2,900					
	Output		W	-		4,500					
	Starting method				-		Soft start				
Compressor 3	Type				-				Hermetically sealed scroll compressor		
	Piston displacement		m³/h	-				10.53			
	Speed		rpm	-				2,900			
	Output		W	-				4,500			
	Starting method				-				Soft start		
Fan	Type				-	Propeller fan					
	Quantity				-	1			2		
	Air flow rate	Cooling	Nom.	m³/min	-	185		200	233	239	
	External static pressure	Max.		Pa	-	78					
Fan motor	Drive				-	Direct drive					
	Output			W	-	750			350	750	
Fan motor 2	Drive				-				Direct drive		
	Output			W	-				350	750	
Operation range	Cooling	Min.~Max.		°CDB	-5~43						
	Heating	Min.~Max.		°CWB	-25~15.5						
Refrigerant	Type				R-410A						
	Charge			kg	-	9.4	10.5	10.9	11.7		
	Control				-	Electronic expansion valve					
Safety devices	Item	01				-	High pressure switch				
		02				-	Fan driver overload protector				
		03				-	Overcurrent relay				
		04				-	Inverter overload protector				

2-4 Electrical Specifications					BTSQ20P	RTSQ8PA	RTSQ10PA	RTSQ12PA	RTSQ14PA	RTSQ16PA
Power supply	Name				Y1					
	Phase				3~					
	Frequency			Hz	50					
	Voltage			V	380-415					
Voltage range	Min.			%	-10					
	Max.			%	10					
Current	Nominal running current (RLA) - 50Hz	Com-pressor 1	Cooling	A	8.2		4.5	6.2	3.4	6.1
		Com-pressor 2	Cooling	A	-		6.8	6.7	7.5	7.6
		Com-pressor 3	Cooling	A	-				7.5	7.6
Current - 50Hz	Starting current (MSC)			A	-		74	75	84	85
	Minimum circuit amps (MCA)			A	15.2	18.5	21.6	22.7	31.5	32.5
	Maximum fuse amps (MFA)			A	20	25			35	40
	Total overcurrent amps (TOCA)			A	14.7	16.5	31.5		46.4	48.3
	Full load amps (FLA)	Fan motor	A	-	0.7	0.9		0.6	0.7	
		Fan motor 2	A	-				0.6	0.7	
Notes					MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).					

3 Electrical data

3 - 1 Electrical Data

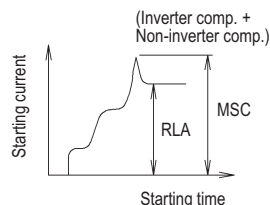
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RTSQ-PA BTSQ-P

Model Name	Units				Power supply Comp.			Comp.		OFM	
	Hz	Volts	Min.	Max	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RTSQ8PA	50	380	342	456	18.5	16.5	25	-	8.6	0.75	0.7
		400						-	8.2		
		415						-	7.9		
RTSQ10PA	50	380	342	456	21.6	31.5	25	78	4.7 + 7.2	0.75	0.9
		400						74	4.5 + 6.8		
		415						72	4.3 + 6.6		
RTSQ12PA	50	380	342	456	22.7	31.5	25	79	6.5 + 7.0	0.75	0.9
		400						75	6.2 + 6.7		
		415						72	6.0 + 6.4		
RTSQ14PA	50	380	342	456	31.5	46.4	35	89	3.6 + 7.9 x 2	0.35 + 0.35	0.6 + 0.6
		400						84	3.4 + 7.5 x 2		
		415						81	3.3 + 7.3 x 2		
RTSQ16PA	50	380	342	456	32.5	48.3	40	90	6.4 + 8.0 x 2	0.75 + 0.75	0.7 + 0.7
		400						85	6.1 + 7.6 x 2		
		415						82	5.9 + 7.3 x 2		
BTSQ20P	50	380	342	456	15.2	14.7	20	-	8.6	-	-
		400						-	8.2		
		415						-	7.9		

SYMBOLS

MCA : Min. Circuit Amps. (A)
 TOCA : Total Over-current Amps. (A)
 MFA : Max. Fuse Amps. (A)
 MSC : Max. Starting current
 RLA : Rated Load Amps. (A)
 OFM : Outdoor Fan Motor
 FLA : Full Load Amps. (A)
 kW : Rated Motor Output (kW)



The relationship between the starting time and the starting current.

NOTES

1. RLA is based on the following conditions:
Indoor temperature, 27°C DB/19.0 °C WB
Outdoor temperature, 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

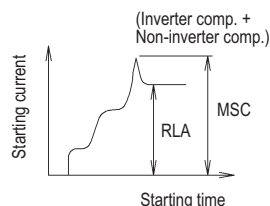
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RTSYQ-PA

Model Name			Units				Power supply			Comp.		OFM	
Combination unit	Independent unit		Hz	Volts	Min.	Max	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RTSYQ10PA	RTSQ10PA	BTSQ20P	50	380	342	456	21.6	31.5	25	78	4.7 + 7.2	0.75	0.9
				400						74	4.5 + 6.8		
				415						72	4.3 + 6.6		
RTSYQ14PA	RTSQ14PA	BTSQ20P	50	380	342	456	31.5	46.4	35	89	3.6 + 7.9 x 2	0.35 + 0.35	0.6 + 0.6
				400						84	3.4 + 7.5 x 2		
				415						81	3.3 + 7.3 x 2		
RTSYQ16PA	RTSQ16PA	BTSQ20P	50	380	342	456	32.5	48.3	40	90	6.4 + 8.0 x 2	0.75 + 0.75	0.7 + 0.7
				400						85	6.1 + 7.6 x 2		
				415						82	5.9 + 7.3 x 2		
RTSYQ20PA	RTSQ8PA	RTSQ12PA	50	380	342	456	41.2	48.0	50	83	8.6 + 6.5 + 7.0	0.75 + 0.75	0.7 + 0.9
				400						79	8.2 + 6.2 + 6.7		
				415						76	7.9 + 6.0 + 6.4		

SYMBOLS

MCA : Min. Circuit Amps. (A)
 TOCA : Total Over-current Amps. (A)
 MFA : Max. Fuse Amps. (A)
 MSC : Max. Starting current
 RLA : Rated Load Amps. (A)
 OFM : Outdoor Fan Motor
 FLA : Full Load Amps. (A)
 kW : Rated Motor Output (kW)



The relationship between the starting time and the starting current.

NOTES

1. RLA is based on the following conditions:
Indoor temperature, 27°C DB/19.0 °C WB
Outdoor temperature, 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

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4 Options

4 - 1 Options

RTSYQ-PA

Optional Accessories		RTSYQ10PA	RTSYQ14PA	RTSYQ20PA
			RTSYQ16PA	
Distributive piping	Refnet header	KHRP26M22H (MAX. 4 branch)	KHRP26M22H (MAX. 4 branch)	
		KHRP26M33H (MAX. 8 branch)	KHRP26M33H (MAX. 8 branch)	
		-	KHRP26M72H (MAX. 8 branch)	
	Refnet joint	KHRP26A22T	KHRP26A22T	KHRP26A22T
		KHRP26A33T	KHRP26A33T	KHRP26A33T
		-	KHRP26A72T	KHRP26A72T
		-	-	KHRP26A73T
	Snowbreak hood	Kit (inlet + outlet)	KPS26C280	KPS26C504
-			-	-
Air outlet		KPS26C280T	KPS26C504T	KPS26C280T*2
		-	-	-
Left side air inlet		KPS26C504L	KPS26C504L	KPS26C504L*2
		-	-	-
Right side air inlet		KPS26C504R	KPS26C504R	KPS26C504R*2
		-	-	-
Back side air inlet		KPS26C280B	KPS26C504B	KPSC280B*2
		-	-	-
Outdoor unit multi connection piping		-	-	BHFP30A56

NOTE

1. For production to order.

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5 Capacity tables

5 - 1 Cooling Capacity Tables

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RTSYQ10PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	36.40	10	24.6	3.64	29.3	4.45	34.0	5.30	35.3	5.41	35.7	5.30	36.6	5.07	37.5	4.85
		12	24.6	3.70	29.3	4.54	34.0	5.40	34.8	5.38	35.3	5.27	36.1	5.04	37.0	4.96
		14	24.6	3.77	29.3	4.62	33.9	5.46	34.4	5.35	34.8	5.24	35.7	5.20	36.6	5.24
		16	24.6	3.85	29.3	4.71	33.5	5.44	33.9	5.40	34.3	5.42	35.2	5.48	36.1	5.53
		18	24.6	3.92	29.3	4.81	33.0	5.65	33.4	5.67	33.9	5.70	34.8	5.76	35.7	5.81
		20	24.6	4.00	29.3	5.12	32.5	5.92	33.0	5.95	33.4	5.98	34.3	6.04	35.2	6.10
		21	24.6	4.11	29.3	5.30	32.3	6.06	32.8	6.09	33.2	6.12	34.1	6.18	35.0	6.24
		23	24.6	4.40	29.3	5.69	31.9	6.34	32.3	6.37	32.7	6.40	33.6	6.46	34.5	6.53
		25	24.6	4.71	29.3	6.09	31.4	6.61	31.8	6.65	32.3	6.68	33.2	6.75	34.1	6.82
		27	24.6	5.03	29.3	6.51	31.0	6.89	31.4	6.93	31.8	6.96	32.7	7.04	33.6	7.11
		29	24.6	5.37	29.3	6.96	30.5	7.17	30.9	7.21	31.4	7.25	32.3	7.32	33.2	7.40
		31	24.6	5.73	29.2	7.37	30.0	7.45	30.5	7.49	30.9	7.53	31.8	7.61	32.7	7.69
		33	24.6	6.10	28.7	7.65	29.6	7.73	30.0	7.78	30.5	7.82	31.4	7.90	32.2	7.99
		35	24.6	6.50	28.2	7.92	29.1	8.02	29.6	8.06	30.0	8.11	30.9	8.20	31.8	8.29
		37	24.6	6.92	27.8	8.20	28.7	8.30	29.1	8.35	29.6	8.40	30.4	8.49	31.3	8.59
		39	24.6	7.37	27.3	8.49	28.2	8.59	28.7	8.64	29.1	8.69	30.0	8.79	30.9	8.89
120	33.60	10	22.7	3.32	27.0	4.06	31.4	4.83	33.6	5.22	35.2	5.44	36.0	5.23	36.8	5.03
		12	22.7	3.38	27.0	4.14	31.4	4.92	33.6	5.32	34.7	5.41	35.5	5.20	36.3	4.99
		14	22.7	3.45	27.0	4.21	31.4	5.01	33.6	5.42	34.2	5.38	35.1	5.17	35.9	5.21
		16	22.7	3.51	27.0	4.30	31.4	5.11	33.4	5.46	33.8	5.39	34.6	5.44	35.4	5.49
		18	22.7	3.58	27.0	4.38	31.4	5.29	32.9	5.64	33.3	5.67	34.1	5.72	35.0	5.77
		20	22.7	3.65	27.0	4.56	31.4	5.68	32.5	5.92	32.9	5.94	33.7	6.00	34.5	6.05
		21	22.7	3.69	27.0	4.72	31.4	5.89	32.2	6.05	32.6	6.08	33.5	6.14	34.3	6.19
		23	22.7	3.94	27.0	5.05	31.4	6.30	31.8	6.33	32.2	6.36	33.0	6.42	33.8	6.48
		25	22.7	4.21	27.0	5.41	30.9	6.57	31.3	6.61	31.7	6.64	32.6	6.70	33.4	6.76
		27	22.7	4.49	27.0	5.78	30.5	6.85	30.9	6.88	31.3	6.92	32.1	6.98	32.9	7.05
		29	22.7	4.79	27.0	6.18	30.0	7.13	30.4	7.16	30.8	7.20	31.6	7.27	32.5	7.34
		31	22.7	5.11	27.0	6.59	29.5	7.41	30.0	7.44	30.4	7.48	31.2	7.56	32.0	7.63
		33	22.7	5.44	27.0	7.03	29.1	7.68	29.5	7.72	29.9	7.76	30.7	7.84	31.5	7.92
		35	22.7	5.79	27.0	7.50	28.6	7.97	29.0	8.01	29.5	8.05	30.3	8.13	31.1	8.22
		37	22.7	6.16	27.0	7.99	28.2	8.25	28.6	8.29	29.0	8.34	29.8	8.42	30.6	8.51
		39	22.7	6.56	26.9	8.44	27.7	8.53	28.1	8.58	28.5	8.62	29.4	8.72	30.2	8.81
110	30.80	10	20.8	3.02	24.8	3.68	28.8	4.36	30.8	4.72	32.8	5.08	35.3	5.39	36.1	5.20
		12	20.8	3.07	24.8	3.74	28.8	4.45	30.8	4.81	32.8	5.17	34.9	5.36	35.6	5.17
		14	20.8	3.13	24.8	3.81	28.8	4.53	30.8	4.90	32.8	5.27	34.4	5.33	35.2	5.17
		16	20.8	3.19	24.8	3.89	28.8	4.62	30.8	4.99	32.8	5.37	34.0	5.40	34.7	5.45
		18	20.8	3.25	24.8	3.96	28.8	4.71	30.8	5.13	32.8	5.63	33.5	5.68	34.3	5.73
		20	20.8	3.31	24.8	4.04	28.8	4.99	30.8	5.52	32.3	5.91	33.1	5.96	33.8	6.01
		21	20.8	3.34	24.8	4.17	28.8	5.17	30.8	5.71	32.1	6.04	32.8	6.09	33.6	6.15
		23	20.8	3.50	24.8	4.46	28.8	5.54	30.8	6.13	31.6	6.32	32.4	6.37	33.1	6.43
		25	20.8	3.74	24.8	4.77	28.8	5.93	30.8	6.57	31.2	6.59	31.9	6.65	32.7	6.71
		27	20.8	3.99	24.8	5.10	28.8	6.35	30.3	6.84	30.7	6.87	31.5	6.93	32.2	6.99
		29	20.8	4.25	24.8	5.44	28.8	6.78	29.9	7.12	30.3	7.15	31.0	7.22	31.8	7.28
		31	20.8	4.52	24.8	5.80	28.8	7.24	29.4	7.40	29.8	7.43	30.6	7.50	31.3	7.57
		33	20.8	4.82	24.8	6.18	28.6	7.64	29.0	7.67	29.4	7.71	30.1	7.78	30.9	7.86
		35	20.8	5.12	24.8	6.59	28.1	7.92	28.5	7.95	28.9	7.99	29.6	8.07	30.4	8.15
		37	20.8	5.45	24.8	7.02	27.7	8.19	28.1	8.23	28.4	8.28	29.2	8.36	29.9	8.44
		39	20.8	5.79	24.8	7.47	27.2	8.47	27.6	8.52	28.0	8.56	28.7	8.65	29.5	8.73
100	28.00	10	18.9	2.72	22.5	3.30	26.2	3.91	28.0	4.23	29.8	4.54	33.5	5.19	35.4	5.37
		12	18.9	2.77	22.5	3.36	26.2	3.98	28.0	4.30	29.8	4.63	33.5	5.29	34.9	5.35
		14	18.9	2.82	22.5	3.42	26.2	4.06	28.0	4.39	29.8	4.72	33.5	5.39	34.5	5.32
		16	18.9	2.87	22.5	3.49	26.2	4.14	28.0	4.47	29.8	4.81	33.3	5.46	34.0	5.41
		18	18.9	2.92	22.5	3.56	26.2	4.22	28.0	4.56	29.8	4.91	32.9	5.64	33.6	5.68
		20	18.9	2.98	22.5	3.63	26.2	4.35	28.0	4.79	29.8	5.26	32.4	5.91	33.1	5.96
		21	18.9	3.01	22.5	3.66	26.2	4.50	28.0	4.96	29.8	5.45	32.2	6.05	32.9	6.10
		23	18.9	3.09	22.5	3.91	26.2	4.82	28.0	5.32	29.8	5.84	31.8	6.33	32.4	6.38
		25	18.9	3.29	22.5	4.17	26.2	5.16	28.0	5.69	29.8	6.25	31.3	6.60	32.0	6.66
		27	18.9	3.51	22.5	4.45	26.2	5.51	28.0	6.09	29.8	6.69	30.8	6.88	31.5	6.94
		29	18.9	3.74	22.5	4.75	26.2	5.89	28.0	6.50	29.7	7.10	30.4	7.16	31.1	7.22
		31	18.9	3.98	22.5	5.06	26.2	6.28	28.0	6.94	29.3	7.38	29.9	7.44	30.6	7.50
		33	18.9	4.23	22.5	5.39	26.2	6.70	28.0	7.41	28.8	7.66	29.5	7.72	30.2	7.79
		35	18.9	4.50	22.5	5.74	26.2	7.14	28.0	7.90	28.3	7.93	29.0	8.00	29.7	8.07
		37	18.9	4.78	22.5	6.11	26.2	7.61	27.5	8.18	27.9	8.22	28.6	8.29	29.2	8.36
		39	18.9	5.07	22.5	6.50	26.2	8.10	27.1	8.46	27.4	8.50	28.1	8.57	28.8	8.65
90	25.20	10	17.0	2.44	20.3	2.94	23.6	3.47	25.2	3.74	26.8	4.02	30.1	4.60	33.4	5.18
		12	17.0	2.48	20.3	2.99	23.6	3.53	25.2	3.81	26.8	4.10	30.1	4.68	33.4	5.28
		14	17.0	2.52	20.3	3.05	23.6	3.60	25.2	3.89	26.8	4.18	30.1	4.77	33.4	5.38
		16	17.0	2.57	20.3	3.10	23.6	3.67	25.2	3.96	26.8	4.26	30.1	4.87	33.3	5.47
		18	17.0	2.61	20.3	3.16	23.6	3.74	25.2	4.04	26.8	4.34	30.1	4.96	32.9	5.64
		20	17.0	2.66	20.3	3.22	23.6	3.81	25.2	4.12	26.8	4.51	30.1	5.33	32.4	5.91
		21	17.0	2.68	20.3	3.25	23.6	3.88	25.2	4.26	26.8	4.67	30.1	5.53	32.2	6.05
		23	17.0	2.74	20.3	3.39	23.6	4.15	25.2	4.57	26.8	5.00	30.1	5.93	31.7	6.33
		25	17.0	2.88	20.3	3.62	23.6	4.44	25.2	4.88	26.8	5.35	30.1	6.35	31.3	6.60
		27	17.0	3.07	20.3	3.86	23.6	4.74	25.2	5.22	26.8	5.72	30.1	6.79	30.8	6.88
		29	17.0	3.26	20.3	4.11	23.6	5.06	25.2	5.57	26.8	6.11	29.8	7.11	30.4	7.16
		31	17.0	3.47	20.3	4.38	23.6	5.39	25.2	5.94	26.8	6.52	29.3	7.38	29.9	7.44
		33	17.0	3.69	20.3	4.66	23.6	5.75	25.2	6.33	26.8	6.95	28.9	7.66	29.5	7.72
		35	17.0	3.91	20.3	4.95	23.6	6.12	25.2	6.75	26.8	7.41	28.4	7.94	29.0	8.00
		37	17.0	4.15	20.3	5.26	23.6	6.51	25.2	7.19	26.8	7.90	27.9	8.22	28.6	8.29
		39	17.0	4.41	20.3	5.60	23.6	6.93	25.2	7.65	26.8	8.41	27.5	8.50	28.1	8.57

5 Capacity tables

5 - 1 Cooling Capacity Tables

RTSYQ10PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80	22.40	10	15.1	2.16	18.0	2.59	20.9	3.04	22.4	3.28	23.9	3.52	26.8	4.01	29.7	4.52
		12	15.1	2.20	18.0	2.63	20.9	3.10	22.4	3.34	23.9	3.58	26.8	4.09	29.7	4.61
		14	15.1	2.23	18.0	2.68	20.9	3.15	22.4	3.40	23.9	3.65	26.8	4.17	29.7	4.69
		16	15.1	2.27	18.0	2.73	20.9	3.21	22.4	3.46	23.9	3.72	26.8	4.25	29.7	4.79
		18	15.1	2.31	18.0	2.78	20.9	3.27	22.4	3.53	23.9	3.79	26.8	4.33	29.7	4.88
		20	15.1	2.35	18.0	2.83	20.9	3.34	22.4	3.60	23.9	3.87	26.8	4.49	29.7	5.22
		21	15.1	2.37	18.0	2.86	20.9	3.37	22.4	3.64	23.9	3.95	26.8	4.65	29.7	5.41
		23	15.1	2.42	18.0	2.91	20.9	3.53	22.4	3.87	23.9	4.23	26.8	4.98	29.7	5.80
		25	15.1	2.50	18.0	3.10	20.9	3.78	22.4	4.14	23.9	4.52	26.8	5.33	29.7	6.21
		27	15.1	2.65	18.0	3.30	20.9	4.03	22.4	4.42	23.9	4.82	26.8	5.70	29.7	6.64
		29	15.1	2.82	18.0	3.52	20.9	4.29	22.4	4.71	23.9	5.15	26.8	6.08	29.7	7.10
		31	15.1	3.00	18.0	3.74	20.9	4.57	22.4	5.02	23.9	5.49	26.8	6.49	29.2	7.38
		33	15.1	3.18	18.0	3.98	20.9	4.87	22.4	5.35	23.9	5.85	26.8	6.93	28.8	7.65
		35	15.1	3.37	18.0	4.22	20.9	5.18	22.4	5.69	23.9	6.23	26.8	7.38	28.3	7.93
		37	15.1	3.57	18.0	4.49	20.9	5.50	22.4	6.06	23.9	6.63	26.8	7.87	27.9	8.21
		39	15.1	3.79	18.0	4.76	20.9	5.85	22.4	6.44	23.9	7.06	26.8	8.38	27.4	8.49
70	19.60	10	13.2	1.90	15.8	2.26	18.3	2.63	19.6	2.83	20.9	3.03	23.4	3.45	26.0	3.88
		12	13.2	1.93	15.8	2.29	18.3	2.68	19.6	2.88	20.9	3.09	23.4	3.51	26.0	3.95
		14	13.2	1.96	15.8	2.33	18.3	2.73	19.6	2.93	20.9	3.14	23.4	3.58	26.0	4.02
		16	13.2	1.99	15.8	2.37	18.3	2.78	19.6	2.99	20.9	3.20	23.4	3.64	26.0	4.10
		18	13.2	2.03	15.8	2.41	18.3	2.83	19.6	3.04	20.9	3.26	23.4	3.71	26.0	4.18
		20	13.2	2.06	15.8	2.46	18.3	2.88	19.6	3.10	20.9	3.33	23.4	3.79	26.0	4.30
		21	13.2	2.08	15.8	2.48	18.3	2.91	19.6	3.13	20.9	3.36	23.4	3.85	26.0	4.45
		23	13.2	2.11	15.8	2.53	18.3	2.97	19.6	3.24	20.9	3.52	23.4	4.12	26.0	4.77
		25	13.2	2.15	15.8	2.63	18.3	3.17	19.6	3.46	20.9	3.76	23.4	4.40	26.0	5.10
		27	13.2	2.27	15.8	2.80	18.3	3.37	19.6	3.68	20.9	4.01	23.4	4.70	26.0	5.45
		29	13.2	2.41	15.8	2.97	18.3	3.59	19.6	3.92	20.9	4.27	23.4	5.02	26.0	5.82
		31	13.2	2.56	15.8	3.16	18.3	3.82	19.6	4.18	20.9	4.55	23.4	5.35	26.0	6.21
		33	13.2	2.71	15.8	3.35	18.3	4.06	19.6	4.44	20.9	4.84	23.4	5.70	26.0	6.62
		35	13.2	2.87	15.8	3.56	18.3	4.32	19.6	4.72	20.9	5.15	23.4	6.07	26.0	7.06
		37	13.2	3.04	15.8	3.77	18.3	4.58	19.6	5.02	20.9	5.48	23.4	6.46	26.0	7.52
		39	13.2	3.22	15.8	4.00	18.3	4.87	19.6	5.33	20.9	5.83	23.4	6.87	26.0	8.01
60	16.80	10	11.3	1.65	13.5	1.94	15.7	2.25	16.8	2.41	17.9	2.57	20.1	2.91	22.3	3.26
		12	11.3	1.68	13.5	1.97	15.7	2.28	16.8	2.45	17.9	2.61	20.1	2.96	22.3	3.32
		14	11.3	1.70	13.5	2.00	15.7	2.32	16.8	2.49	17.9	2.66	20.1	3.01	22.3	3.38
		16	11.3	1.73	13.5	2.04	15.7	2.36	16.8	2.53	17.9	2.71	20.1	3.07	22.3	3.44
		18	11.3	1.75	13.5	2.07	15.7	2.40	16.8	2.58	17.9	2.76	20.1	3.12	22.3	3.51
		20	11.3	1.78	13.5	2.10	15.7	2.45	16.8	2.63	17.9	2.81	20.1	3.18	22.3	3.58
		21	11.3	1.80	13.5	2.12	15.7	2.47	16.8	2.65	17.9	2.83	20.1	3.22	22.3	3.61
		23	11.3	1.83	13.5	2.16	15.7	2.51	16.8	2.70	17.9	2.89	20.1	3.34	22.3	3.84
		25	11.3	1.86	13.5	2.20	15.7	2.61	16.8	2.84	17.9	3.07	20.1	3.57	22.3	4.10
		27	11.3	1.92	13.5	2.33	15.7	2.78	16.8	3.02	17.9	3.27	20.1	3.80	22.3	4.38
		29	11.3	2.04	13.5	2.47	15.7	2.96	16.8	3.21	17.9	3.48	20.1	4.05	22.3	4.67
		31	11.3	2.16	13.5	2.62	15.7	3.14	16.8	3.42	17.9	3.70	20.1	4.32	22.3	4.98
		33	11.3	2.28	13.5	2.78	15.7	3.33	16.8	3.63	17.9	3.94	20.1	4.59	22.3	5.30
		35	11.3	2.41	13.5	2.95	15.7	3.54	16.8	3.85	17.9	4.18	20.1	4.88	22.3	5.64
		37	11.3	2.55	13.5	3.12	15.7	3.75	16.8	4.09	17.9	4.44	20.1	5.19	22.3	6.00
		39	11.3	2.69	13.5	3.30	15.7	3.97	16.8	4.34	17.9	4.71	20.1	5.52	22.3	6.38
50	14.00	10	9.45	1.42	11.3	1.65	13.1	1.88	14.0	2.01	14.9	2.13	16.7	2.40	18.6	2.67
		12	9.45	1.44	11.3	1.67	13.1	1.91	14.0	2.04	14.9	2.17	16.7	2.44	18.6	2.72
		14	9.45	1.46	11.3	1.69	13.1	1.94	14.0	2.07	14.9	2.20	16.7	2.48	18.6	2.76
		16	9.45	1.48	11.3	1.72	13.1	1.97	14.0	2.11	14.9	2.24	16.7	2.52	18.6	2.81
		18	9.45	1.50	11.3	1.74	13.1	2.00	14.0	2.14	14.9	2.28	16.7	2.57	18.6	2.87
		20	9.45	1.52	11.3	1.77	13.1	2.04	14.0	2.18	14.9	2.32	16.7	2.61	18.6	2.92
		21	9.45	1.53	11.3	1.79	13.1	2.06	14.0	2.20	14.9	2.34	16.7	2.64	18.6	2.95
		23	9.45	1.56	11.3	1.82	13.1	2.09	14.0	2.24	14.9	2.38	16.7	2.69	18.6	3.02
		25	9.45	1.58	11.3	1.85	13.1	2.13	14.0	2.28	14.9	2.46	16.7	2.82	18.6	3.22
		27	9.45	1.60	11.3	1.91	13.1	2.25	14.0	2.43	14.9	2.61	16.7	3.01	18.6	3.43
		29	9.45	1.70	11.3	2.02	13.1	2.38	14.0	2.58	14.9	2.77	16.7	3.20	18.6	3.65
		31	9.45	1.79	11.3	2.14	13.1	2.53	14.0	2.73	14.9	2.95	16.7	3.40	18.6	3.88
		33	9.45	1.89	11.3	2.27	13.1	2.68	14.0	2.90	14.9	3.13	16.7	3.61	18.6	4.13
		35	9.45	2.00	11.3	2.40	13.1	2.84	14.0	3.07	14.9	3.31	16.7	3.83	18.6	4.39
		37	9.45	2.11	11.3	2.53	13.1	3.00	14.0	3.25	14.9	3.51	16.7	4.07	18.6	4.66
		39	9.45	2.22	11.3	2.68	13.1	3.18	14.0	3.44	14.9	3.72	16.7	4.31	18.6	4.95

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

1. The above table shows the average value of conditions which may occur.

Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.

Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.

La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.

Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.

La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.

De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.

Таблица расположенная выше показывает среднее значение условий, которые могут наступить.

Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 1 Cooling Capacity Tables

RTSYQ14PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	52.00	10	35.1	5.80	41.9	7.10	48.6	8.45	50.4	8.62	51.0	8.45	52.3	8.09	53.5	7.73
		12	35.1	5.91	41.9	7.24	48.6	8.61	49.7	8.58	50.4	8.40	51.6	8.04	52.9	7.91
		14	35.1	6.02	41.9	7.37	48.4	8.72	49.1	8.54	49.7	8.35	51.0	8.29	52.2	8.36
		16	35.1	6.14	41.9	7.52	47.8	8.67	48.4	8.61	49.1	8.65	50.3	8.73	51.6	8.82
		18	35.1	6.26	41.9	7.67	47.1	9.01	47.8	9.05	48.4	9.09	49.7	9.18	50.9	9.27
		20	35.1	6.38	41.9	8.17	46.5	9.44	47.1	9.49	47.8	9.54	49.0	9.63	50.3	9.73
		21	35.1	6.56	41.9	8.46	46.2	9.66	46.8	9.71	47.4	9.76	48.7	9.86	50.0	9.95
		23	35.1	7.02	41.9	9.07	45.5	10.1	46.1	10.2	46.8	10.2	48.0	10.3	49.3	10.4
		25	35.1	7.51	41.9	9.7	44.9	10.5	45.5	10.6	46.1	10.7	47.4	10.8	48.7	10.9
		27	35.1	8.02	41.9	10.4	44.2	11.0	44.8	11.0	45.5	11.1	46.7	11.2	48.0	11.3
		29	35.1	8.56	41.9	11.1	43.6	11.4	44.2	11.5	44.8	11.6	46.1	11.7	47.4	11.8
		31	35.1	9.13	41.6	11.8	42.9	11.9	43.5	11.9	44.2	12.0	45.4	12.1	46.7	12.3
		33	35.1	9.73	41.0	12.2	42.3	12.3	42.9	12.4	43.5	12.5	44.8	12.6	46.1	12.7
		35	35.1	10.4	40.3	12.6	41.6	12.8	42.2	12.9	42.9	12.9	44.1	13.1	45.4	13.2
		37	35.1	11.0	39.7	13.1	41.0	13.2	41.6	13.3	42.2	13.4	43.5	13.5	44.8	13.7
		39	35.1	11.8	39.0	13.5	40.3	13.7	40.9	13.8	41.6	13.9	42.8	14.0	44.1	14.2
120	48.00	10	32.4	5.30	38.6	6.48	44.9	7.70	48.0	8.32	50.2	8.67	51.4	8.35	52.6	8.02
		12	32.4	5.40	38.6	6.60	44.9	7.84	48.0	8.48	49.6	8.63	50.7	8.30	51.9	7.96
		14	32.4	5.50	38.6	6.72	44.9	8.00	48.0	8.64	48.9	8.58	50.1	8.25	51.2	8.30
		16	32.4	5.60	38.6	6.85	44.9	8.15	47.7	8.71	48.3	8.60	49.4	8.68	50.6	8.75
		18	32.4	5.71	38.6	6.99	44.9	8.43	47.0	9.00	47.6	9.04	48.8	9.12	49.9	9.20
		20	32.4	5.82	38.6	7.27	44.9	9.06	46.4	9.44	47.0	9.48	48.1	9.57	49.3	9.65
		21	32.4	5.88	38.6	7.52	44.9	9.39	46.1	9.65	46.6	9.70	47.8	9.79	49.0	9.88
		23	32.4	6.28	38.6	8.06	44.8	10.0	45.4	10.1	46.0	10.1	47.2	10.2	48.3	10.3
		25	32.4	6.71	38.6	8.63	44.2	10.5	44.8	10.5	45.3	10.6	46.5	10.7	47.7	10.8
		27	32.4	7.17	38.6	9.22	43.5	10.9	44.1	11.0	44.7	11.0	45.9	11.1	47.0	11.2
		29	32.4	7.64	38.6	9.85	42.9	11.4	43.4	11.4	44.0	11.5	45.2	11.6	46.4	11.7
		31	32.4	8.15	38.6	10.5	42.2	11.8	42.8	11.9	43.4	11.9	44.6	12.1	45.7	12.2
		33	32.4	8.68	38.6	11.2	41.6	12.3	42.1	12.3	42.7	12.4	43.9	12.5	45.1	12.6
		35	32.4	9.24	38.6	12.0	40.9	12.7	41.5	12.8	42.1	12.8	43.2	13.0	44.4	13.1
		37	32.4	9.83	38.6	12.7	40.3	13.2	40.8	13.2	41.4	13.3	42.6	13.4	43.8	13.6
		39	32.4	10.5	38.4	13.5	39.6	13.6	40.2	13.7	40.8	13.8	41.9	13.9	43.1	14.1
110	44.00	10	29.7	4.81	35.4	5.86	41.1	6.96	44.0	7.52	46.9	8.09	50.5	8.59	51.6	8.30
		12	29.7	4.90	35.4	5.97	41.1	7.09	44.0	7.67	46.9	8.25	49.8	8.55	50.9	8.25
		14	29.7	4.99	35.4	6.08	41.1	7.23	44.0	7.81	46.9	8.41	49.2	8.50	50.3	8.24
		16	29.7	5.08	35.4	6.20	41.1	7.37	44.0	7.97	46.9	8.57	48.5	8.62	49.6	8.69
		18	29.7	5.18	35.4	6.32	41.1	7.52	44.0	8.19	46.8	8.98	47.9	9.06	49.0	9.13
		20	29.7	5.28	35.4	6.45	41.1	7.96	44.0	8.80	46.2	9.42	47.2	9.50	48.3	9.58
		21	29.7	5.33	35.4	6.65	41.1	8.25	44.0	9.11	45.8	9.64	46.9	9.72	48.0	9.80
		23	29.7	5.58	35.4	7.11	41.1	8.84	44.0	9.78	45.2	10.1	46.3	10.2	47.3	10.3
		25	29.7	5.96	35.4	7.61	41.1	9.47	44.0	10.5	44.5	10.5	45.6	10.6	46.7	10.7
		27	29.7	6.36	35.4	8.13	41.1	10.1	43.4	10.9	43.9	11.0	45.0	11.1	46.0	11.2
		29	29.7	6.78	35.4	8.68	41.1	10.8	42.7	11.4	43.2	11.4	44.3	11.5	45.4	11.6
		31	29.7	7.22	35.4	9.25	41.1	11.6	42.0	11.8	42.6	11.8	43.7	12.0	44.7	12.1
		33	29.7	7.68	35.4	9.86	40.9	12.2	41.4	12.2	41.9	12.3	43.0	12.4	44.1	12.5
		35	29.7	8.17	35.4	10.5	40.2	12.6	40.7	12.7	41.3	12.7	42.4	12.9	43.4	13.0
		37	29.7	8.69	35.4	11.2	39.6	13.1	40.1	13.1	40.6	13.2	41.7	13.3	42.8	13.5
		39	29.7	9.24	35.4	11.9	38.9	13.5	39.4	13.6	40.0	13.7	41.1	13.8	42.1	13.9
100	40.00	10	27.0	4.34	32.2	5.26	37.4	6.24	40.0	6.74	42.6	7.25	47.8	8.28	50.6	8.57
		12	27.0	4.42	32.2	5.36	37.4	6.35	40.0	6.87	42.6	7.39	47.8	8.44	49.9	8.53
		14	27.0	4.50	32.2	5.46	37.4	6.48	40.0	7.00	42.6	7.53	47.8	8.60	49.3	8.48
		16	27.0	4.58	32.2	5.56	37.4	6.60	40.0	7.13	42.6	7.67	47.6	8.72	48.6	8.62
		18	27.0	4.66	32.2	5.67	37.4	6.73	40.0	7.28	42.6	7.83	47.0	9.00	48.0	9.06
		20	27.0	4.75	32.2	5.78	37.4	6.93	40.0	7.64	42.6	8.38	46.3	9.43	47.3	9.50
		21	27.0	4.80	32.2	5.84	37.4	7.18	40.0	7.91	42.6	8.69	46.0	9.65	47.0	9.73
		23	27.0	4.92	32.2	6.23	37.4	7.69	40.0	8.48	42.6	9.31	45.4	10.1	46.3	10.2
		25	27.0	5.25	32.2	6.66	37.4	8.23	40.0	9.08	42.6	9.97	44.7	10.5	45.7	10.6
		27	27.0	5.60	32.2	7.10	37.4	8.79	40.0	9.71	42.6	10.7	44.1	11.0	45.0	11.1
		29	27.0	5.96	32.2	7.58	37.4	9.39	40.0	10.4	42.4	11.3	43.4	11.4	44.4	11.5
		31	27.0	6.35	32.2	8.08	37.4	10.02	40.0	11.1	41.8	11.8	42.8	11.9	43.7	12.0
		33	27.0	6.75	32.2	8.60	37.4	10.7	40.0	11.8	41.1	12.2	42.1	12.3	43.1	12.4
		35	27.0	7.17	32.2	9.16	37.4	11.4	40.0	12.6	40.5	12.7	41.5	12.8	42.4	12.9
		37	27.0	7.62	32.2	9.74	37.4	12.1	39.3	13.0	39.8	13.1	40.8	13.2	41.8	13.3
		39	27.0	8.09	32.2	10.4	37.4	12.9	38.7	13.5	39.2	13.6	40.2	13.7	41.1	13.8
90	36.00	10	24.3	3.89	29.0	4.69	33.7	5.53	36.0	5.97	38.3	6.42	43.0	7.33	47.7	8.26
		12	24.3	3.95	29.0	4.77	33.7	5.64	36.0	6.08	38.3	6.54	43.0	7.47	47.7	8.42
		14	24.3	4.02	29.0	4.86	33.7	5.74	36.0	6.20	38.3	6.66	43.0	7.61	47.7	8.58
		16	24.3	4.09	29.0	4.95	33.7	5.85	36.0	6.32	38.3	6.79	43.0	7.76	47.6	8.72
		18	24.3	4.16	29.0	5.04	33.7	5.96	36.0	6.44	38.3	6.93	43.0	7.92	47.0	8.99
		20	24.3	4.24	29.0	5.14	33.7	6.08	36.0	6.57	38.3	7.19	43.0	8.51	46.3	9.43
		21	24.3	4.28	29.0	5.19	33.7	6.19	36.0	6.80	38.3	7.44	43.0	8.81	46.0	9.65
		23	24.3	4.36	29.0	5.40	33.7	6.62	36.0	7.28	38.3	7.97	43.0	9.45	45.3	10.1
		25	24.3	4.59	29.0	5.77	33.7	7.08	36.0	7.79	38.3	8.53	43.0	10.1	44.7	10.5
		27	24.3	4.89	29.0	6.15	33.7	7.56	36.0	8.32	38.3	9.12	43.0	10.8	44.0	11

5 Capacity tables

5 - 1 Cooling Capacity Tables

RTSYQ14PA																
TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)																
Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	32.00	10	21.6	3.45	25.8	4.13	29.9	4.85	32.0	5.23	34.1	5.61	38.2	6.40	42.4	7.21
		12	21.6	3.51	25.8	4.20	29.9	4.94	32.0	5.32	34.1	5.72	38.2	6.52	42.4	7.35
		14	21.6	3.56	25.8	4.28	29.9	5.03	32.0	5.42	34.1	5.82	38.2	6.64	42.4	7.49
		16	21.6	3.62	25.8	4.35	29.9	5.13	32.0	5.53	34.1	5.93	38.2	6.77	42.4	7.63
		18	21.6	3.69	25.8	4.43	29.9	5.22	32.0	5.63	34.1	6.05	38.2	6.91	42.4	7.78
		20	21.6	3.75	25.8	4.52	29.9	5.32	32.0	5.74	34.1	6.17	38.2	7.16	42.4	8.33
		21	21.6	3.79	25.8	4.56	29.9	5.38	32.0	5.80	34.1	6.30	38.2	7.41	42.4	8.63
		23	21.6	3.85	25.8	4.65	29.9	5.64	32.0	6.18	34.1	6.74	38.2	7.94	42.4	9.25
		25	21.6	3.98	25.8	4.95	29.9	6.02	32.0	6.60	34.1	7.21	38.2	8.50	42.4	9.90
		27	21.6	4.23	25.8	5.27	29.9	6.42	32.0	7.04	34.1	7.70	38.2	9.09	42.4	10.6
		29	21.6	4.50	25.8	5.61	29.9	6.85	32.0	7.51	34.1	8.21	38.2	9.70	42.4	11.3
		31	21.6	4.78	25.8	5.97	29.9	7.29	32.0	8.01	34.1	8.76	38.2	10.4	41.8	11.8
		33	21.6	5.07	25.8	6.34	29.9	7.76	32.0	8.53	34.1	9.33	38.2	11.0	41.1	12.2
		35	21.6	5.38	25.8	6.74	29.9	8.26	32.0	9.08	34.1	9.94	38.2	11.8	40.4	12.7
		37	21.6	5.70	25.8	7.15	29.9	8.78	32.0	9.66	34.1	10.6	38.2	12.5	39.8	13.1
		39	21.6	6.04	25.8	7.59	29.9	9.33	32.0	10.27	34.1	11.3	38.2	13.4	39.1	13.5
70	28.00	10	18.9	3.03	22.5	3.60	26.2	4.20	28.0	4.52	29.8	4.84	33.5	5.50	37.1	6.18
		12	18.9	3.08	22.5	3.66	26.2	4.27	28.0	4.60	29.8	4.92	33.5	5.60	37.1	6.30
		14	18.9	3.13	22.5	3.72	26.2	4.35	28.0	4.68	29.8	5.01	33.5	5.70	37.1	6.42
		16	18.9	3.18	22.5	3.78	26.2	4.43	28.0	4.76	29.8	5.11	33.5	5.81	37.1	6.54
		18	18.9	3.23	22.5	3.85	26.2	4.51	28.0	4.85	29.8	5.20	33.5	5.93	37.1	6.67
		20	18.9	3.28	22.5	3.92	26.2	4.60	28.0	4.95	29.8	5.30	33.5	6.04	37.1	6.86
		21	18.9	3.31	22.5	3.96	26.2	4.64	28.0	4.99	29.8	5.36	33.5	6.14	37.1	7.10
		23	18.9	3.37	22.5	4.03	26.2	4.73	28.0	5.16	29.8	5.61	33.5	6.57	37.1	7.60
		25	18.9	3.43	22.5	4.19	26.2	5.05	28.0	5.51	29.8	5.99	33.5	7.02	37.1	8.13
		27	18.9	3.63	22.5	4.46	26.2	5.38	28.0	5.88	29.8	6.39	33.5	7.50	37.1	8.69
		29	18.9	3.85	22.5	4.74	26.2	5.73	28.0	6.26	29.8	6.82	33.5	8.00	37.1	9.28
		31	18.9	4.08	22.5	5.03	26.2	6.09	28.0	6.66	29.8	7.26	33.5	8.53	37.1	9.90
		33	18.9	4.32	22.5	5.34	26.2	6.48	28.0	7.09	29.8	7.73	33.5	9.09	37.1	10.6
		35	18.9	4.58	22.5	5.67	26.2	6.88	28.0	7.54	29.8	8.22	33.5	9.68	37.1	11.3
		37	18.9	4.85	22.5	6.01	26.2	7.31	28.0	8.01	29.8	8.74	33.5	10.3	37.1	12.0
		39	18.9	5.13	22.5	6.38	26.2	7.76	28.0	8.51	29.8	9.29	33.5	11.0	37.1	12.8
60	24.00	10	16.2	2.64	19.3	3.10	22.4	3.58	24.0	3.84	25.6	4.10	28.7	4.63	31.8	5.19
		12	16.2	2.68	19.3	3.14	22.4	3.64	24.0	3.90	25.6	4.17	28.7	4.72	31.8	5.29
		14	16.2	2.72	19.3	3.19	22.4	3.70	24.0	3.97	25.6	4.24	28.7	4.80	31.8	5.39
		16	16.2	2.76	19.3	3.25	22.4	3.77	24.0	4.04	25.6	4.32	28.7	4.89	31.8	5.49
		18	16.2	2.80	19.3	3.30	22.4	3.83	24.0	4.11	25.6	4.40	28.7	4.98	31.8	5.59
		20	16.2	2.84	19.3	3.36	22.4	3.90	24.0	4.19	25.6	4.48	28.7	5.08	31.8	5.70
		21	16.2	2.86	19.3	3.38	22.4	3.94	24.0	4.23	25.6	4.52	28.7	5.13	31.8	5.76
		23	16.2	2.91	19.3	3.44	22.4	4.01	24.0	4.31	25.6	4.61	28.7	5.33	31.8	6.12
		25	16.2	2.96	19.3	3.51	22.4	4.17	24.0	4.53	25.6	4.90	28.7	5.69	31.8	6.54
		27	16.2	3.07	19.3	3.72	22.4	4.43	24.0	4.82	25.6	5.22	28.7	6.07	31.8	6.98
		29	16.2	3.25	19.3	3.95	22.4	4.71	24.0	5.12	25.6	5.55	28.7	6.47	31.8	7.45
		31	16.2	3.44	19.3	4.19	22.4	5.01	24.0	5.45	25.6	5.91	28.7	6.88	31.8	7.94
		33	16.2	3.64	19.3	4.44	22.4	5.32	24.0	5.79	25.6	6.28	28.7	7.32	31.8	8.45
		35	16.2	3.85	19.3	4.70	22.4	5.64	24.0	6.14	25.6	6.67	28.7	7.79	31.8	9.00
		37	16.2	4.07	19.3	4.98	22.4	5.98	24.0	6.52	25.6	7.08	28.7	8.28	31.8	9.57
		39	16.2	4.30	19.3	5.27	22.4	6.34	24.0	6.91	25.6	7.52	28.7	8.80	31.8	10.2
50	20.00	10	13.5	2.27	16.1	2.62	18.7	3.00	20.0	3.20	21.3	3.40	23.9	3.82	26.5	4.26
		12	13.5	2.30	16.1	2.66	18.7	3.05	20.0	3.25	21.3	3.46	23.9	3.89	26.5	4.33
		14	13.5	2.33	16.1	2.70	18.7	3.10	20.0	3.30	21.3	3.51	23.9	3.95	26.5	4.41
		16	13.5	2.36	16.1	2.74	18.7	3.15	20.0	3.36	21.3	3.57	23.9	4.02	26.5	4.49
		18	13.5	2.39	16.1	2.78	18.7	3.20	20.0	3.41	21.3	3.64	23.9	4.09	26.5	4.57
		20	13.5	2.43	16.1	2.83	18.7	3.25	20.0	3.47	21.3	3.70	23.9	4.17	26.5	4.66
		21	13.5	2.44	16.1	2.85	18.7	3.28	20.0	3.50	21.3	3.73	23.9	4.21	26.5	4.70
		23	13.5	2.48	16.1	2.90	18.7	3.34	20.0	3.57	21.3	3.80	23.9	4.29	26.5	4.81
		25	13.5	2.52	16.1	2.94	18.7	3.40	20.0	3.64	21.3	3.92	23.9	4.50	26.5	5.13
		27	13.5	2.56	16.1	3.05	18.7	3.58	20.0	3.87	21.3	4.17	23.9	4.79	26.5	5.47
		29	13.5	2.71	16.1	3.23	18.7	3.80	20.0	4.11	21.3	4.43	23.9	5.10	26.5	5.82
		31	13.5	2.86	16.1	3.42	18.7	4.03	20.0	4.36	21.3	4.70	23.9	5.42	26.5	6.19
		33	13.5	3.02	16.1	3.62	18.7	4.27	20.0	4.62	21.3	4.99	23.9	5.76	26.5	6.58
		35	13.5	3.19	16.1	3.82	18.7	4.52	20.0	4.90	21.3	5.29	23.9	6.11	26.5	7.00
		37	13.5	3.36	16.1	4.04	18.7	4.79	20.0	5.19	21.3	5.60	23.9	6.48	26.5	7.43
		39	13.5	3.54	16.1	4.27	18.7	5.07	20.0	5.49	21.3	5.94	23.9	6.88	26.5	7.89

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
 Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
 Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
 La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
 De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
 Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
 Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 1 Cooling Capacity Tables

RTSYQ16PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	58.50	10	39.5	6.86	47.1	8.40	54.7	10.0	56.7	10.2	57.4	10.0	58.8	9.57	60.2	9.14
		12	39.5	6.99	47.1	8.56	54.7	10.2	55.9	10.1	56.7	9.9	58.1	9.51	59.5	9.36
		14	39.5	7.12	47.1	8.72	54.5	10.3	55.2	10.1	55.9	9.88	57.3	9.80	58.8	9.9
		16	39.5	7.26	47.1	8.89	53.8	10.3	54.5	10.2	55.2	10.2	56.6	10.3	58.0	10.4
		18	39.5	7.40	47.1	9.07	53.0	10.6	53.7	10.7	54.5	10.8	55.9	10.9	57.3	11.0
		20	39.5	7.55	47.1	9.66	52.3	11.2	53.0	11.2	53.7	11.3	55.2	11.4	56.6	11.5
		21	39.5	7.76	47.1	10.0	51.9	11.4	52.7	11.5	53.4	11.5	54.8	11.7	56.2	11.8
		23	39.5	8.31	47.1	10.7	51.2	11.9	51.9	12.0	52.6	12.1	54.1	12.2	55.5	12.3
		25	39.5	8.88	47.1	11.5	50.5	12.5	51.2	12.5	51.9	12.6	53.3	12.7	54.7	12.9
		27	39.5	9.49	47.1	12.3	49.7	13.0	50.5	13.1	51.2	13.1	52.6	13.3	54.0	13.4
		29	39.5	10.1	47.1	13.1	49.0	13.5	49.7	13.6	50.4	13.7	51.9	13.8	53.3	14.0
		31	39.5	10.8	46.9	13.9	48.3	14.1	49.0	14.1	49.7	14.2	51.1	14.4	52.5	14.5
		33	39.5	11.5	46.1	14.4	47.5	14.6	48.3	14.7	49.0	14.7	50.4	14.9	51.8	15.1
		35	39.5	12.3	45.4	14.9	46.8	15.1	47.5	15.2	48.2	15.3	49.7	15.5	51.1	15.6
		37	39.5	13.1	44.7	15.5	46.1	15.7	46.8	15.7	47.5	15.8	48.9	16.0	50.4	16.2
		39	39.5	13.9	43.9	16.0	45.4	16.2	46.1	16.3	46.8	16.4	48.2	16.6	49.6	16.8
120	54.00	10	36.4	6.27	43.5	7.66	50.5	9.10	54.0	9.84	56.5	10.3	57.8	9.87	59.1	9.48
		12	36.4	6.38	43.5	7.80	50.5	9.28	54.0	10.0	55.8	10.2	57.1	9.81	58.4	9.41
		14	36.4	6.50	43.5	7.95	50.5	9.45	54.0	10.2	55.0	10.1	56.3	9.75	57.7	9.82
		16	36.4	6.63	43.5	8.10	50.5	9.64	53.6	10.3	54.3	10.2	55.6	10.3	56.9	10.3
		18	36.4	6.75	43.5	8.26	50.5	10.0	52.9	10.6	53.6	10.7	54.9	10.8	56.2	10.9
		20	36.4	6.89	43.5	8.59	50.5	10.7	52.2	11.2	52.8	11.2	54.1	11.3	55.5	11.4
		21	36.4	6.96	43.5	8.90	50.5	11.1	51.8	11.4	52.5	11.5	53.8	11.6	55.1	11.7
		23	36.4	7.43	43.5	9.53	50.4	11.9	51.1	11.9	51.7	12.0	53.0	12.1	54.4	12.2
		25	36.4	7.94	43.5	10.2	49.7	12.4	50.3	12.5	51.0	12.5	52.3	12.6	53.6	12.8
		27	36.4	8.47	43.5	10.9	49.0	12.9	49.6	13.0	50.3	13.0	51.6	13.2	52.9	13.3
		29	36.4	9.04	43.5	11.7	48.2	13.4	48.9	13.5	49.5	13.6	50.9	13.7	52.2	13.8
		31	36.4	9.63	43.5	12.4	47.5	14.0	48.1	14.0	48.8	14.1	50.1	14.3	51.4	14.4
		33	36.4	10.3	43.5	13.3	46.8	14.5	47.4	14.6	48.1	14.6	49.4	14.8	50.7	14.9
		35	36.4	10.9	43.5	14.1	46.0	15.0	46.7	15.1	47.3	15.2	48.7	15.3	50.0	15.5
		37	36.4	11.6	43.5	15.1	45.3	15.6	46.0	15.6	46.6	15.7	47.9	15.9	49.2	16.1
		39	36.4	12.4	43.2	15.9	44.6	16.1	45.2	16.2	45.9	16.3	47.2	16.4	48.5	16.6
110	49.50	10	33.4	5.69	39.8	6.93	46.3	8.23	49.5	8.90	52.7	9.57	56.8	10.2	58.0	9.81
		12	33.4	5.79	39.8	7.06	46.3	8.39	49.5	9.07	52.7	9.75	56.1	10.1	57.3	9.75
		14	33.4	5.90	39.8	7.19	46.3	8.55	49.5	9.24	52.7	9.9	55.3	10.1	56.5	9.75
		16	33.4	6.01	39.8	7.33	46.3	8.71	49.5	9.42	52.7	10.1	54.6	10.2	55.8	10.3
		18	33.4	6.12	39.8	7.48	46.3	8.89	49.5	9.68	52.7	10.6	53.9	10.7	55.1	10.8
		20	33.4	6.24	39.8	7.63	46.3	9.42	49.5	10.4	51.9	11.1	53.1	11.2	54.3	11.3
		21	33.4	6.30	39.8	7.86	46.3	9.75	49.5	10.8	51.6	11.4	52.8	11.5	54.0	11.6
		23	33.4	6.60	39.8	8.41	46.3	10.5	49.5	11.6	50.8	11.9	52.0	12.0	53.2	12.1
		25	33.4	7.05	39.8	9.00	46.3	11.2	49.5	12.4	50.1	12.4	51.3	12.5	52.5	12.7
		27	33.4	7.52	39.8	9.61	46.3	12.0	48.8	12.9	49.4	13.0	50.6	13.1	51.8	13.2
		29	33.4	8.01	39.8	10.3	46.3	12.8	48.0	13.4	48.6	13.5	49.8	13.6	51.0	13.7
		31	33.4	8.53	39.8	10.9	46.3	13.7	47.3	13.9	47.9	14.0	49.1	14.1	50.3	14.3
		33	33.4	9.08	39.8	11.7	46.0	14.4	46.6	14.5	47.2	14.5	48.4	14.7	49.6	14.8
		35	33.4	9.66	39.8	12.4	45.2	14.9	45.8	15.0	46.4	15.1	47.6	15.2	48.9	15.4
		37	33.4	10.3	39.8	13.2	44.5	15.5	45.1	15.5	45.7	15.6	46.9	15.8	48.1	15.9
		39	33.4	10.9	39.8	14.1	43.8	16.0	44.4	16.1	45.0	16.1	46.2	16.3	47.4	16.5
100	45.00	10	30.4	5.13	36.2	6.23	42.1	7.38	45.0	7.97	47.9	8.57	53.8	9.80	56.9	10.1
		12	30.4	5.22	36.2	6.34	42.1	7.51	45.0	8.12	47.9	8.73	53.8	10.0	56.2	10.1
		14	30.4	5.32	36.2	6.46	42.1	7.66	45.0	8.27	47.9	8.90	53.8	10.2	55.4	10.0
		16	30.4	5.41	36.2	6.58	42.1	7.81	45.0	8.44	47.9	9.07	53.6	10.3	54.7	10.2
		18	30.4	5.51	36.2	6.71	42.1	7.96	45.0	8.60	47.9	9.25	52.9	10.6	54.0	10.7
		20	30.4	5.62	36.2	6.84	42.1	8.20	45.0	9.04	47.9	9.9	52.1	11.2	53.2	11.2
		21	30.4	5.67	36.2	6.91	42.1	8.49	45.0	9.36	47.9	10.3	51.8	11.4	52.9	11.5
		23	30.4	5.82	36.2	7.37	42.1	9.09	45.0	10.0	47.9	11.0	51.0	11.9	52.1	12.0
		25	30.4	6.21	36.2	7.87	42.1	9.73	45.0	10.7	47.9	11.8	50.3	12.5	51.4	12.6
		27	30.4	6.62	36.2	8.40	42.1	10.4	45.0	11.5	47.9	12.6	49.6	13.0	50.7	13.1
		29	30.4	7.05	36.2	8.96	42.1	11.1	45.0	12.3	47.7	13.4	48.8	13.5	49.9	13.6
		31	30.4	7.50	36.2	9.55	42.1	11.8	45.0	13.1	47.0	13.9	48.1	14.0	49.2	14.2
		33	30.4	7.98	36.2	10.2	42.1	12.6	45.0	14.0	46.3	14.4	47.4	14.6	48.5	14.7
		35	30.4	8.48	36.2	10.8	42.1	13.5	45.0	14.9	45.5	15.0	46.6	15.1	47.7	15.2
		37	30.4	9.01	36.2	11.5	42.1	14.4	44.3	15.4	44.8	15.5	45.9	15.6	47.0	15.8
		39	30.4	9.6	36.2	12.3	42.1	15.3	43.5	16.0	44.1	16.0	45.2	16.2	46.3	16.3
90	40.50	10	27.3	4.60	32.6	5.54	37.9	6.54	40.5	7.06	43.1	7.59	48.4	8.67	53.7	9.77
		12	27.3	4.67	32.6	5.64	37.9	6.66	40.5	7.19	43.1	7.73	48.4	8.83	53.7	10.0
		14	27.3	4.75	32.6	5.74	37.9	6.79	40.5	7.33	43.1	7.88	48.4	9.00	53.7	10.1
		16	27.3	4.84	32.6	5.85	37.9	6.92	40.5	7.47	43.1	8.03	48.4	9.18	53.6	10.3
		18	27.3	4.93	32.6	5.96	37.9	7.05	40.5	7.62	43.1	8.19	48.4	9.36	52.8	10.6
		20	27.3	5.02	32.6	6.08	37.9	7.19	40.5	7.77	43.1	8.50	48.4	10.1	52.1	11.2
		21	27.3	5.06	32.6	6.14	37.9	7.32	40.5	8.04	43.1	8.80	48.4	10.4	51.7	11.4
		23	27.3	5.16	32.6	6.39	37.9	7.83	40.5	8.61	43.1	9.43	48.4	11.2	51.0	11.9
		25	27.3	5.43	32.6	6.82	37.9	8.37	40.5	9.21	43.1	10.1	48.4	12.0	50.3	12.5
		27	27.3	5.79	32.6	7.27	37.9	8.94	40.5	9.84	43.1	10.8	48.4	12.8	49.5	13.0

5 Capacity tables

5 - 1 Cooling Capacity Tables

RTSYQ16PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80	36.00	10	24.3	4.08	29.0	4.89	33.7	5.74	36.0	6.18	38.3	6.64	43.0	7.57	47.7	8.53
		12	24.3	4.15	29.0	4.97	33.7	5.84	36.0	6.30	38.3	6.76	43.0	7.71	47.7	8.69
		14	24.3	4.21	29.0	5.06	33.7	5.95	36.0	6.41	38.3	6.89	43.0	7.86	47.7	8.85
		16	24.3	4.29	29.0	5.15	33.7	6.06	36.0	6.53	38.3	7.02	43.0	8.01	47.7	9.03
		18	24.3	4.36	29.0	5.24	33.7	6.18	36.0	6.66	38.3	7.15	43.0	8.17	47.7	9.21
		20	24.3	4.44	29.0	5.34	33.7	6.30	36.0	6.79	38.3	7.30	43.0	8.47	47.7	9.85
		21	24.3	4.48	29.0	5.39	33.7	6.36	36.0	6.86	38.3	7.45	43.0	8.77	47.7	10.2
		23	24.3	4.56	29.0	5.49	33.7	6.67	36.0	7.30	38.3	7.97	43.0	9.39	47.7	10.9
		25	24.3	4.71	29.0	5.85	33.7	7.12	36.0	7.80	38.3	8.52	43.0	10.1	47.7	11.7
		27	24.3	5.01	29.0	6.23	33.7	7.60	36.0	8.33	38.3	9.10	43.0	10.7	47.7	12.5
		29	24.3	5.32	29.0	6.63	33.7	8.10	36.0	8.88	38.3	9.71	43.0	11.5	47.7	13.4
		31	24.3	5.65	29.0	7.05	33.7	8.62	36.0	9.47	38.3	10.4	43.0	12.2	47.0	13.9
		33	24.3	6.00	29.0	7.50	33.7	9.18	36.0	10.1	38.3	11.0	43.0	13.1	46.2	14.4
		35	24.3	6.36	29.0	7.97	33.7	9.76	36.0	10.7	38.3	11.7	43.0	13.9	45.5	15.0
		37	24.3	6.74	29.0	8.46	33.7	10.4	36.0	11.4	38.3	12.5	43.0	14.8	44.8	15.5
		39	24.3	7.14	29.0	8.98	33.7	11.0	36.0	12.1	38.3	13.3	43.0	15.8	44.0	16.0
70	31.50	10	21.3	3.59	25.4	4.26	29.5	4.97	31.5	5.34	33.5	5.72	37.6	6.50	41.7	7.31
		12	21.3	3.64	25.4	4.33	29.5	5.06	31.5	5.43	33.5	5.82	37.6	6.62	41.7	7.45
		14	21.3	3.70	25.4	4.40	29.5	5.14	31.5	5.53	33.5	5.93	37.6	6.74	41.7	7.59
		16	21.3	3.76	25.4	4.48	29.5	5.24	31.5	5.63	33.5	6.04	37.6	6.87	41.7	7.73
		18	21.3	3.82	25.4	4.55	29.5	5.33	31.5	5.74	33.5	6.15	37.6	7.01	41.7	7.89
		20	21.3	3.88	25.4	4.64	29.5	5.43	31.5	5.85	33.5	6.27	37.6	7.15	41.7	8.11
		21	21.3	3.92	25.4	4.68	29.5	5.49	31.5	5.91	33.5	6.33	37.6	7.26	41.7	8.39
		23	21.3	3.99	25.4	4.77	29.5	5.60	31.5	6.11	33.5	6.64	37.6	7.77	41.7	8.99
		25	21.3	4.06	25.4	4.95	29.5	5.97	31.5	6.52	33.5	7.09	37.6	8.30	41.7	9.62
		27	21.3	4.29	25.4	5.27	29.5	6.36	31.5	6.95	33.5	7.56	37.6	8.87	41.7	10.3
		29	21.3	4.55	25.4	5.60	29.5	6.77	31.5	7.40	33.5	8.06	37.6	9.46	41.7	11.0
		31	21.3	4.83	25.4	5.95	29.5	7.21	31.5	7.88	33.5	8.58	37.6	10.1	41.7	11.7
		33	21.3	5.11	25.4	6.32	29.5	7.66	31.5	8.38	33.5	9.14	37.6	10.7	41.7	12.5
		35	21.3	5.42	25.4	6.71	29.5	8.14	31.5	8.91	33.5	9.72	37.6	11.4	41.7	13.3
		37	21.3	5.73	25.4	7.11	29.5	8.65	31.5	9.47	33.5	10.3	37.6	12.2	41.7	14.2
		39	21.3	6.07	25.4	7.54	29.5	9.18	31.5	10.1	33.5	11.0	37.6	13.0	41.7	15.1
60	27.00	10	18.2	3.12	21.7	3.66	25.2	4.24	27.0	4.54	28.8	4.85	32.3	5.48	35.8	6.14
		12	18.2	3.16	21.7	3.72	25.2	4.31	27.0	4.61	28.8	4.93	32.3	5.58	35.8	6.25
		14	18.2	3.21	21.7	3.78	25.2	4.38	27.0	4.69	28.8	5.02	32.3	5.68	35.8	6.37
		16	18.2	3.26	21.7	3.84	25.2	4.46	27.0	4.78	28.8	5.10	32.3	5.78	35.8	6.49
		18	18.2	3.31	21.7	3.90	25.2	4.53	27.0	4.86	28.8	5.20	32.3	5.89	35.8	6.61
		20	18.2	3.36	21.7	3.97	25.2	4.61	27.0	4.95	28.8	5.30	32.3	6.01	35.8	6.74
		21	18.2	3.39	21.7	4.00	25.2	4.66	27.0	5.00	28.8	5.35	32.3	6.07	35.8	6.81
		23	18.2	3.44	21.7	4.07	25.2	4.74	27.0	5.09	28.8	5.45	32.3	6.30	35.8	7.24
		25	18.2	3.50	21.7	4.15	25.2	4.93	27.0	5.35	28.8	5.79	32.3	6.73	35.8	7.74
		27	18.2	3.63	21.7	4.40	25.2	5.24	27.0	5.70	28.8	6.17	32.3	7.18	35.8	8.26
		29	18.2	3.84	21.7	4.67	25.2	5.57	27.0	6.06	28.8	6.57	32.3	7.65	35.8	8.81
		31	18.2	4.07	21.7	4.95	25.2	5.92	27.0	6.44	28.8	6.98	32.3	8.14	35.8	9.4
		33	18.2	4.31	21.7	5.25	25.2	6.29	27.0	6.84	28.8	7.42	32.3	8.66	35.8	10.0
		35	18.2	4.55	21.7	5.56	25.2	6.67	27.0	7.26	28.8	7.89	32.3	9.21	35.8	10.6
		37	18.2	4.81	21.7	5.88	25.2	7.07	27.0	7.71	28.8	8.37	32.3	9.79	35.8	11.3
		39	18.2	5.08	21.7	6.23	25.2	7.50	27.0	8.18	28.8	8.89	32.3	10.4	35.8	12.0
50	22.50	10	15.2	2.68	18.1	3.10	21.0	3.55	22.5	3.79	24.0	4.02	26.9	4.52	29.8	5.03
		12	15.2	2.72	18.1	3.15	21.0	3.61	22.5	3.84	24.0	4.09	26.9	4.59	29.8	5.12
		14	15.2	2.75	18.1	3.19	21.0	3.66	22.5	3.91	24.0	4.16	26.9	4.67	29.8	5.21
		16	15.2	2.79	18.1	3.24	21.0	3.72	22.5	3.97	24.0	4.23	26.9	4.76	29.8	5.31
		18	15.2	2.83	18.1	3.29	21.0	3.78	22.5	4.04	24.0	4.30	26.9	4.84	29.8	5.41
		20	15.2	2.87	18.1	3.34	21.0	3.84	22.5	4.11	24.0	4.37	26.9	4.93	29.8	5.51
		21	15.2	2.89	18.1	3.37	21.0	3.88	22.5	4.14	24.0	4.41	26.9	4.98	29.8	5.56
		23	15.2	2.93	18.1	3.42	21.0	3.94	22.5	4.22	24.0	4.49	26.9	5.07	29.8	5.69
		25	15.2	2.98	18.1	3.48	21.0	4.02	22.5	4.30	24.0	4.63	26.9	5.32	29.8	6.07
		27	15.2	3.03	18.1	3.60	21.0	4.24	22.5	4.57	24.0	4.93	26.9	5.67	29.8	6.47
		29	15.2	3.20	18.1	3.82	21.0	4.50	22.5	4.86	24.0	5.23	26.9	6.03	29.8	6.88
		31	15.2	3.38	18.1	4.04	21.0	4.77	22.5	5.15	24.0	5.56	26.9	6.41	29.8	7.32
		33	15.2	3.57	18.1	4.28	21.0	5.05	22.5	5.46	24.0	5.90	26.9	6.81	29.8	7.79
		35	15.2	3.77	18.1	4.52	21.0	5.35	22.5	5.79	24.0	6.25	26.9	7.23	29.8	8.27
		37	15.2	3.98	18.1	4.78	21.0	5.66	22.5	6.13	24.0	6.63	26.9	7.67	29.8	8.79
		39	15.2	4.19	18.1	5.05	21.0	5.99	22.5	6.49	24.0	7.02	26.9	8.13	29.8	9.33

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

1. The above table shows the average value of conditions which may occur.

Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.

Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.

La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.

Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.

La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.

De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.

Таблица расположенная выше показывает среднее значение условий, которые могут наступить.

Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 1 Cooling Capacity Tables

RTSYQ20PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	58.50	10	49.0	7.09	58.5	8.68	67.9	10.3	70.4	10.5	71.3	10.3	73.1	9.9	74.8	9.4
		12	49.0	7.22	58.5	8.84	67.9	10.5	69.5	10.5	70.4	10.3	72.1	9.8	73.9	9.7
		14	49.0	7.36	58.5	9.0	67.7	10.7	68.6	10.4	69.5	10.2	71.2	10.1	73.0	10.2
		16	49.0	7.50	58.5	9.2	66.8	10.6	67.7	10.5	68.6	10.6	70.3	10.7	72.1	10.8
		18	49.0	7.65	58.5	9.4	65.9	11.0	66.8	11.1	67.7	11.1	69.4	11.2	71.2	11.3
		20	49.0	7.80	58.5	10.0	65.0	11.5	65.9	11.6	66.7	11.7	68.5	11.8	70.3	11.9
		21	49.0	8.02	58.5	10.3	64.5	11.8	65.4	11.9	66.3	11.9	68.1	12.0	69.8	12.2
		23	49.0	8.58	58.5	11.1	63.6	12.3	64.5	12.4	65.4	12.5	67.1	12.6	68.9	12.7
		25	49.0	9.2	58.5	11.9	62.7	12.9	63.6	13.0	64.5	13.0	66.2	13.2	68.0	13.3
		27	49.0	9.8	58.5	12.7	61.8	13.4	62.7	13.5	63.6	13.6	65.3	13.7	67.1	13.9
		29	49.0	10.5	58.5	13.6	60.9	14.0	61.8	14.1	62.7	14.1	64.4	14.3	66.2	14.4
		31	49.0	11.2	58.2	14.4	60.0	14.5	60.9	14.6	61.7	14.7	63.5	14.8	65.3	15.0
		33	49.0	11.9	57.3	14.9	59.1	15.1	59.9	15.2	60.8	15.2	62.6	15.4	64.4	15.6
		35	49.0	12.7	56.4	15.4	58.2	15.6	59.0	15.7	59.9	15.8	61.7	16.0	63.5	16.2
		37	49.0	13.5	55.5	16.0	57.2	16.2	58.1	16.3	59.0	16.4	60.8	16.6	62.5	16.7
		39	49.0	14.4	54.6	16.5	56.3	16.7	57.2	16.8	58.1	16.9	59.9	17.1	61.6	17.3
120	54.00	10	45.3	6.48	54.0	7.91	62.7	9.4	67.1	10.2	70.2	10.6	71.8	10.2	73.4	9.8
		12	45.3	6.60	54.0	8.06	62.7	9.6	67.1	10.4	69.3	10.5	70.9	10.1	72.5	9.7
		14	45.3	6.72	54.0	8.22	62.7	9.8	67.1	10.6	68.4	10.5	70.0	10.1	71.6	10.1
		16	45.3	6.85	54.0	8.38	62.7	10.0	66.6	10.6	67.4	10.5	69.1	10.6	70.7	10.7
		18	45.3	6.98	54.0	8.54	62.7	10.3	65.7	11.0	66.5	11.0	68.2	11.1	69.8	11.2
		20	45.3	7.12	54.0	8.88	62.7	11.1	64.8	11.5	65.6	11.6	67.3	11.7	68.9	11.8
		21	45.3	7.19	54.0	9.2	62.7	11.5	64.4	11.8	65.2	11.9	66.8	12.0	68.4	12.1
		23	45.3	7.68	54.0	9.9	62.6	12.3	63.4	12.3	64.3	12.4	65.9	12.5	67.5	12.6
		25	45.3	8.20	54.0	10.5	61.7	12.8	62.5	12.9	63.4	12.9	65.0	13.1	66.6	13.2
		27	45.3	8.76	54.0	11.3	60.8	13.4	61.6	13.4	62.4	13.5	64.1	13.6	65.7	13.7
		29	45.3	9.3	54.0	12.0	59.9	13.9	60.7	14.0	61.5	14.0	63.2	14.2	64.8	14.3
		31	45.3	10.0	54.0	12.9	59.0	14.4	59.8	14.5	60.6	14.6	62.3	14.7	63.9	14.9
		33	45.3	10.6	54.0	13.7	58.1	15.0	58.9	15.1	59.7	15.1	61.3	15.3	63.0	15.4
		35	45.3	11.3	54.0	14.6	57.2	15.5	58.0	15.6	58.8	15.7	60.4	15.9	62.1	16.0
		37	45.3	12.0	54.0	15.6	56.3	16.1	57.1	16.2	57.9	16.2	59.5	16.4	61.2	16.6
		39	45.3	12.8	53.7	16.4	55.4	16.6	56.2	16.7	57.0	16.8	58.6	17.0	60.3	17.2
110	49.50	10	41.5	5.88	49.5	7.16	57.5	8.51	61.5	9.2	65.5	9.9	70.6	10.5	72.1	10.1
		12	41.5	5.99	49.5	7.30	57.5	8.67	61.5	9.4	65.5	10.1	69.6	10.5	71.1	10.1
		14	41.5	6.10	49.5	7.44	57.5	8.83	61.5	9.6	65.5	10.3	68.7	10.4	70.2	10.1
		16	41.5	6.21	49.5	7.58	57.5	9.0	61.5	9.7	65.5	10.5	67.8	10.5	69.3	10.6
		18	41.5	6.33	49.5	7.73	57.5	9.2	61.5	10.0	65.4	11.0	66.9	11.1	68.4	11.2
		20	41.5	6.45	49.5	7.88	57.5	9.7	61.5	10.8	64.5	11.5	66.0	11.6	67.5	11.7
		21	41.5	6.52	49.5	8.12	57.5	10.1	61.5	11.1	64.1	11.8	65.6	11.9	67.1	12.0
		23	41.5	6.82	49.5	8.70	57.5	10.8	61.5	11.9	63.2	12.3	64.6	12.4	66.1	12.5
		25	41.5	7.28	49.5	9.3	57.5	11.6	61.5	12.8	62.2	12.9	63.7	13.0	65.2	13.1
		27	41.5	7.77	49.5	9.9	57.5	12.4	60.6	13.3	61.3	13.4	62.8	13.5	64.3	13.6
		29	41.5	8.28	49.5	10.6	57.5	13.2	59.7	13.9	60.4	13.9	61.9	14.1	63.4	14.2
		31	41.5	8.82	49.5	11.3	57.5	14.1	58.8	14.4	59.5	14.5	61.0	14.6	62.5	14.8
		33	41.5	9.4	49.5	12.1	57.1	14.9	57.9	15.0	58.6	15.0	60.1	15.2	61.6	15.3
		35	41.5	10.0	49.5	12.8	56.2	15.4	56.9	15.5	57.7	15.6	59.2	15.7	60.7	15.9
		37	41.5	10.6	49.5	13.7	55.3	16.0	56.0	16.1	56.8	16.1	58.3	16.3	59.8	16.4
		39	41.5	11.3	49.5	14.6	54.4	16.5	55.1	16.6	55.9	16.7	57.4	16.9	58.9	17.0
100	45.00	10	37.7	5.31	45.0	6.43	52.3	7.62	56.0	8.24	59.5	8.86	66.8	10.1	70.7	10.5
		12	37.7	5.40	45.0	6.55	52.3	7.77	56.0	8.39	59.5	9.0	66.8	10.3	69.8	10.4
		14	37.7	5.50	45.0	6.67	52.3	7.91	56.0	8.55	59.5	9.2	66.8	10.5	68.8	10.4
		16	37.7	5.60	45.0	6.80	52.3	8.07	56.0	8.72	59.5	9.4	66.6	10.7	67.9	10.5
		18	37.7	5.70	45.0	6.93	52.3	8.23	56.0	8.89	59.5	9.6	65.7	11.0	67.0	11.1
		20	37.7	5.81	45.0	7.07	52.3	8.47	56.0	9.3	59.5	10.2	64.8	11.5	66.1	11.6
		21	37.7	5.86	45.0	7.14	52.3	8.78	56.0	9.7	59.5	10.6	64.3	11.8	65.7	11.9
		23	37.7	6.02	45.0	7.61	52.3	9.4	56.0	10.4	59.5	11.4	63.4	12.3	64.8	12.4
		25	37.7	6.42	45.0	8.13	52.3	10.1	56.0	11.1	59.5	12.2	62.5	12.9	63.8	13.0
		27	37.7	6.84	45.0	8.68	52.3	10.7	56.0	11.9	59.5	13.0	61.6	13.4	62.9	13.5
		29	37.7	7.29	45.0	9.3	52.3	11.5	56.0	12.7	59.3	13.8	60.7	14.0	62.0	14.1
		31	37.7	7.76	45.0	9.9	52.3	12.2	56.0	13.5	58.4	14.4	59.8	14.5	61.1	14.6
		33	37.7	8.25	45.0	10.5	52.3	13.1	56.0	14.4	57.5	14.9	58.8	15.1	60.2	15.2
		35	37.7	8.77	45.0	11.2	52.3	13.9	56.0	15.4	56.6	15.5	57.9	15.6	59.3	15.7
		37	37.7	9.3	45.0	11.9	52.3	14.8	55.0	15.9	55.7	16.0	57.0	16.2	58.4	16.3
		39	37.7	9.9	45.0	12.7	52.3	15.8	54.1	16.5	54.8	16.6	56.1	16.7	57.5	16.9
90	40.50	10	34.0	4.75	40.5	5.73	47.0	6.76	50.3	7.30	53.6	7.84	60.1	8.96	66.7	10.1
		12	34.0	4.83	40.5	5.83	47.0	6.89	50.3	7.43	53.6	7.99	60.1	9.1	66.7	10.3
		14	34.0	4.91	40.5	5.94	47.0	7.02	50.3	7.58	53.6	8.14	60.1	9.3	66.7	10.5
		16	34.0	5.00	40.5	6.05	47.0	7.15	50.3	7.72	53.6	8.30	60.1	9.5	66.6	10.7
		18	34.0	5.09	40.5	6.16	47.0	7.29	50.3	7.87	53.6	8.47	60.1	9.7	65.6	11.0
		20	34.0	5.18	40.5	6.28	47.0	7.44	50.3	8.03	53.6	8.78	60.1	10.4	64.7	11.5
		21	34.0	5.23	40.5	6.34	47.0	7.56	50.3	8.31	53.6	9.1	60.1	10.8	64.3	11.8
		23	34.0	5.33	40.5	6.60	47.0	8.10	50.3	8.90	53.6	9.7	60.1	11.6	63.4	12.3
		25	34.0	5.62	40.5	7.05	47.0	8.65	50.3	9.5	53.6	10.4	60.1	12.4	62.5	12.9
		27	34.0	5.98	40.5	7.52	47.0	9.2	50.3	10.2	53.6	11.1	60.1	13.2	61.6	13.4
		29	34.0	6.36	40.5	8.01	47.0	9.9	50.3	10.9	53.6	11.9	59.4	13.9	60.6	14.0
		31	34.0	6.76	40.5	8.53	47.0	10.5	50.3	11.6	53.6	12.7	58.5	14.4	59.7	14.5
		33	34.0	7.18	40.5	9.1	47.0	11.2	50.3	12.3	53.6	13.6	57.6	14.9	58.8	15.1
		35	34.0	7.63	40.5	9.7	47.0	11.9	50.3	13.2	53.6	14.4	56.7	15.5	57.9	15.6
		37	34.0	8.10	40.5	10.3	47.0	12.7	50.3	14.0	53.6	15.4	55.8	16.0	57.0	16.2
		39	34.0	8.59	40.5	10.9	47.0	13.5	50.3	14.9	53.6	16.4	54.9	16.6	56.1	16.7

5 Capacity tables

5 - 1 Cooling Capacity Tables

RTSYQ20PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	36.00	10	30.2	4.22	36.0	5.05	41.8	5.93	44.7	6.39	47.6	6.86	53.4	7.82	59.3	8.81
		12	30.2	4.28	36.0	5.14	41.8	6.04	44.7	6.51	47.6	6.99	53.4	7.97	59.3	8.98
		14	30.2	4.36	36.0	5.23	41.8	6.15	44.7	6.63	47.6	7.12	53.4	8.12	59.3	9.2
		16	30.2	4.43	36.0	5.32	41.8	6.26	44.7	6.75	47.6	7.25	53.4	8.28	59.3	9.3
		18	30.2	4.51	36.0	5.42	41.8	6.38	44.7	6.88	47.6	7.39	53.4	8.44	59.3	9.5
		20	30.2	4.59	36.0	5.52	41.8	6.51	44.7	7.02	47.6	7.54	53.4	8.75	59.3	10.2
		21	30.2	4.63	36.0	5.57	41.8	6.57	44.7	7.09	47.6	7.70	53.4	9.1	59.3	10.5
		23	30.2	4.71	36.0	5.68	41.8	6.89	44.7	7.55	47.6	8.24	53.4	9.7	59.3	11.3
		25	30.2	4.87	36.0	6.05	41.8	7.36	44.7	8.07	47.6	8.81	53.4	10.4	59.3	12.1
		27	30.2	5.18	36.0	6.44	41.8	7.85	44.7	8.61	47.6	9.4	53.4	11.1	59.3	12.9
		29	30.2	5.50	36.0	6.86	41.8	8.37	44.7	9.2	47.6	10.0	53.4	11.9	59.3	13.8
		31	30.2	5.84	36.0	7.29	41.8	8.91	44.7	9.8	47.6	10.7	53.4	12.7	58.3	14.4
		33	30.2	6.20	36.0	7.75	41.8	9.5	44.7	10.4	47.6	11.4	53.4	13.5	57.4	14.9
		35	30.2	6.57	36.0	8.23	41.8	10.1	44.7	11.1	47.6	12.1	53.4	14.4	56.5	15.5
		37	30.2	6.97	36.0	8.74	41.8	10.7	44.7	11.8	47.6	12.9	53.4	15.3	55.6	16.0
		39	30.2	7.38	36.0	9.3	41.8	11.4	44.7	12.6	47.6	13.8	53.4	16.3	54.7	16.6
70	31.50	10	26.4	3.71	31.5	4.40	36.6	5.14	39.1	5.52	41.7	5.91	46.8	6.72	51.9	7.56
		12	26.4	3.76	31.5	4.47	36.6	5.22	39.1	5.62	41.7	6.02	46.8	6.84	51.9	7.70
		14	26.4	3.82	31.5	4.55	36.6	5.32	39.1	5.72	41.7	6.13	46.8	6.97	51.9	7.84
		16	26.4	3.88	31.5	4.63	36.6	5.41	39.1	5.82	41.7	6.24	46.8	7.10	51.9	7.99
		18	26.4	3.95	31.5	4.71	36.6	5.51	39.1	5.93	41.7	6.36	46.8	7.24	51.9	8.15
		20	26.4	4.01	31.5	4.79	36.6	5.62	39.1	6.05	41.7	6.48	46.8	7.39	51.9	8.38
		21	26.4	4.05	31.5	4.83	36.6	5.67	39.1	6.10	41.7	6.55	46.8	7.50	51.9	8.68
		23	26.4	4.12	31.5	4.93	36.6	5.79	39.1	6.31	41.7	6.86	46.8	8.03	51.9	9.3
		25	26.4	4.19	31.5	5.12	36.6	6.17	39.1	6.74	41.7	7.33	46.8	8.58	51.9	9.9
		27	26.4	4.43	31.5	5.45	36.6	6.58	39.1	7.18	41.7	7.82	46.8	9.2	51.9	10.6
		29	26.4	4.70	31.5	5.79	36.6	7.00	39.1	7.65	41.7	8.33	46.8	9.8	51.9	11.3
		31	26.4	4.99	31.5	6.15	36.6	7.45	39.1	8.14	41.7	8.87	46.8	10.4	51.9	12.1
		33	26.4	5.29	31.5	6.53	36.6	7.92	39.1	8.66	41.7	9.4	46.8	11.1	51.9	12.9
		35	26.4	5.60	31.5	6.93	36.6	8.41	39.1	9.2	41.7	10.0	46.8	11.8	51.9	13.8
		37	26.4	5.93	31.5	7.35	36.6	8.94	39.1	9.8	41.7	10.7	46.8	12.6	51.9	14.7
		39	26.4	6.27	31.5	7.79	36.6	9.5	39.1	10.4	41.7	11.4	46.8	13.4	51.9	15.6
60	27.00	10	22.6	3.23	27.0	3.79	31.4	4.38	33.5	4.69	35.7	5.01	40.1	5.66	44.4	6.35
		12	22.6	3.27	27.0	3.84	31.4	4.45	33.5	4.77	35.7	5.09	40.1	5.77	44.4	6.46
		14	22.6	3.32	27.0	3.90	31.4	4.53	33.5	4.85	35.7	5.18	40.1	5.87	44.4	6.58
		16	22.6	3.37	27.0	3.97	31.4	4.60	33.5	4.94	35.7	5.28	40.1	5.98	44.4	6.71
		18	22.6	3.42	27.0	4.03	31.4	4.69	33.5	5.03	35.7	5.37	40.1	6.09	44.4	6.84
		20	22.6	3.47	27.0	4.10	31.4	4.77	33.5	5.12	35.7	5.47	40.1	6.21	44.4	6.97
		21	22.6	3.50	27.0	4.14	31.4	4.81	33.5	5.16	35.7	5.53	40.1	6.27	44.4	7.04
		23	22.6	3.56	27.0	4.21	31.4	4.90	33.5	5.26	35.7	5.63	40.1	6.51	44.4	7.48
		25	22.6	3.62	27.0	4.29	31.4	5.09	33.5	5.53	35.7	5.99	40.1	6.95	44.4	8.00
		27	22.6	3.75	27.0	4.54	31.4	5.42	33.5	5.89	35.7	6.38	40.1	7.42	44.4	8.54
		29	22.6	3.97	27.0	4.82	31.4	5.76	33.5	6.26	35.7	6.79	40.1	7.90	44.4	9.1
		31	22.6	4.21	27.0	5.12	31.4	6.12	33.5	6.66	35.7	7.22	40.1	8.41	44.4	9.7
		33	22.6	4.45	27.0	5.42	31.4	6.50	33.5	7.07	35.7	7.67	40.1	8.95	44.4	10.3
		35	22.6	4.71	27.0	5.74	31.4	6.89	33.5	7.51	35.7	8.15	40.1	9.5	44.4	11.0
		37	22.6	4.97	27.0	6.08	31.4	7.31	33.5	7.97	35.7	8.65	40.1	10.1	44.4	11.7
		39	22.6	5.25	27.0	6.44	31.4	7.75	33.5	8.45	35.7	9.2	40.1	10.8	44.4	12.4
50	22.50	10	18.9	2.77	22.5	3.21	26.1	3.67	28.0	3.91	29.8	4.16	33.4	4.67	37.0	5.20
		12	18.9	2.81	22.5	3.25	26.1	3.73	28.0	3.97	29.8	4.23	33.4	4.75	37.0	5.29
		14	18.9	2.84	22.5	3.30	26.1	3.79	28.0	4.04	29.8	4.30	33.4	4.83	37.0	5.39
		16	18.9	2.88	22.5	3.35	26.1	3.85	28.0	4.10	29.8	4.37	33.4	4.92	37.0	5.48
		18	18.9	2.92	22.5	3.40	26.1	3.91	28.0	4.17	29.8	4.44	33.4	5.00	37.0	5.59
		20	18.9	2.97	22.5	3.45	26.1	3.97	28.0	4.24	29.8	4.52	33.4	5.10	37.0	5.69
		21	18.9	2.99	22.5	3.48	26.1	4.01	28.0	4.28	29.8	4.56	33.4	5.14	37.0	5.75
		23	18.9	3.03	22.5	3.54	26.1	4.08	28.0	4.36	29.8	4.65	33.4	5.24	37.0	5.88
		25	18.9	3.08	22.5	3.60	26.1	4.15	28.0	4.45	29.8	4.79	33.4	5.50	37.0	6.27
		27	18.9	3.13	22.5	3.73	26.1	4.38	28.0	4.73	29.8	5.09	33.4	5.86	37.0	6.68
		29	18.9	3.31	22.5	3.95	26.1	4.65	28.0	5.02	29.8	5.41	33.4	6.23	37.0	7.11
		31	18.9	3.50	22.5	4.18	26.1	4.93	28.0	5.33	29.8	5.74	33.4	6.62	37.0	7.57
		33	18.9	3.69	22.5	4.42	26.1	5.22	28.0	5.65	29.8	6.09	33.4	7.03	37.0	8.05
		35	18.9	3.90	22.5	4.67	26.1	5.53	28.0	5.99	29.8	6.46	33.4	7.47	37.0	8.55
		37	18.9	4.11	22.5	4.94	26.1	5.85	28.0	6.34	29.8	6.85	33.4	7.92	37.0	9.1
		39	18.9	4.33	22.5	5.22	26.1	6.19	28.0	6.71	29.8	7.26	33.4	8.41	37.0	9.6

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

1. The above table shows the average value of conditions which may occur.

Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.

Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.

La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.

Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.

La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.

De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.

Таблица расположенная выше показывает среднее значение условий, которые могут наступить.

Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ10PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	36.40	-24.9	-25.0	24.2	7.13	24.1	7.50	24.1	7.86	24.0	8.05	24.0	8.23	23.9	8.60
		-22.8	-23.0	24.5	6.98	24.4	7.33	24.4	7.68	24.3	7.86	24.3	8.03	24.2	8.38
		-21.8	-22.0	24.7	6.92	24.6	7.27	24.5	7.61	24.5	7.78	24.5	7.95	24.4	8.29
		-20.8	-21.0	24.9	6.87	24.8	7.21	24.7	7.54	24.7	7.71	24.6	7.88	24.6	8.21
		-19.8	-20.0	25.0	6.82	25.0	7.15	24.9	7.48	24.9	7.64	24.8	7.81	24.8	8.14
		-18.8	-19.0	25.3	6.78	25.2	7.11	25.1	7.43	25.1	7.59	25.0	7.75	25.0	8.07
		-16.7	-17.0	25.8	6.72	25.7	7.03	25.6	7.33	25.6	7.49	25.5	7.64	25.5	7.95
		-13.7	-15.0	26.4	6.69	26.3	6.98	26.2	7.27	26.2	7.41	26.1	7.56	26.1	7.85
		-11.8	-13.0	27.1	6.68	27.0	6.96	27.0	7.23	26.9	7.37	26.9	7.51	26.8	7.79
		-9.8	-11.0	28.0	6.71	27.9	6.98	27.8	7.24	27.8	7.37	27.8	7.50	27.7	7.76
		-9.5	-10.0	28.5	6.75	28.4	7.01	28.4	7.26	28.3	7.39	28.3	7.52	28.2	7.78
		-8.5	-9.1	29.0	6.80	28.9	7.05	28.9	7.30	28.8	7.43	28.8	7.55	28.7	7.80
		-7.0	-7.6	29.9	6.92	29.9	7.16	29.8	7.40	29.8	7.52	29.7	7.65	29.7	7.89
		-4.4	-5.0	31.9	7.28	31.8	7.51	31.7	7.74	31.7	7.85	31.6	7.97	31.6	8.20
		-3.0	-3.7	33.0	7.59	32.9	7.81	32.8	8.02	32.8	8.15	32.8	8.27	32.7	8.49
		0.0	-0.7	36.0	8.52	35.9	8.75	35.9	8.97	35.8	9.08	35.8	9.19	35.7	9.40
		3.0	2.2	39.6	9.71	39.5	9.93	39.4	10.2	39.4	10.3	39.3	9.96	35.7	9.16
		5.0	4.0	42.1	10.6	42.1	10.8	41.0	10.6	39.6	10.2	38.3	9.82	35.7	9.04
		7.0	6.0	37.4	8.82	37.3	9.03	37.3	9.23	37.2	9.34	37.2	9.44	35.7	9.05
		9.0	7.9	39.3	9.01	39.2	9.20	39.2	9.40	39.1	9.50	38.3	9.29	35.7	8.51
120	33.60	-24.9	-25.0	24.1	7.63	24.0	7.96	24.0	8.30	23.9	8.47	23.9	8.64	23.8	8.98
		-22.8	-23.0	24.4	7.46	24.3	7.78	24.3	8.10	24.2	8.27	24.2	8.43	24.1	8.75
		-21.8	-22.0	24.6	7.39	24.5	7.70	24.4	8.02	24.4	8.18	24.4	8.34	24.3	8.65
		-20.8	-21.0	24.8	7.32	24.7	7.63	24.6	7.94	24.6	8.10	24.6	8.25	24.5	8.56
		-19.8	-20.0	24.9	7.27	24.9	7.57	24.8	7.87	24.8	8.02	24.7	8.18	24.7	8.48
		-18.8	-19.0	25.2	7.22	25.1	7.51	25.0	7.81	25.0	7.96	25.0	8.11	24.9	8.40
		-16.7	-17.0	25.7	7.14	25.6	7.42	25.5	7.70	25.5	7.84	25.5	7.98	25.4	8.27
		-13.7	-15.0	26.3	7.08	26.2	7.35	26.1	7.62	26.1	7.75	26.1	7.89	26.0	8.16
		-11.8	-13.0	27.0	7.05	26.9	7.31	26.9	7.56	26.8	7.69	26.8	7.82	26.7	8.08
		-9.8	-11.0	27.9	7.07	27.8	7.31	27.8	7.55	27.7	7.68	27.7	7.80	27.6	8.04
		-9.5	-10.0	28.4	7.10	28.3	7.33	28.3	7.57	28.2	7.69	28.2	7.81	28.1	8.04
		-8.5	-9.1	28.9	7.14	28.8	7.37	28.8	7.60	28.7	7.72	28.7	7.83	28.6	8.06
		-7.0	-7.6	29.8	7.25	29.8	7.47	29.7	7.69	29.7	7.80	29.6	7.92	29.6	8.14
		-4.4	-5.0	31.8	7.59	31.7	7.80	31.6	8.01	31.6	8.12	31.6	8.22	31.5	8.43
		-3.0	-3.7	32.9	7.89	32.8	8.10	32.8	8.29	32.7	8.41	32.7	8.52	32.6	8.73
		0.0	-0.7	35.9	8.82	35.8	9.03	35.8	9.23	35.7	9.33	35.4	9.30	32.9	8.55
		3.0	2.2	39.5	10.01	39.4	10.2	37.8	9.80	36.6	9.43	35.4	9.06	32.9	8.35
		5.0	4.0	42.0	10.9	40.2	10.4	37.8	9.66	36.6	9.31	35.4	8.95	32.9	8.26
		7.0	6.0	37.3	9.10	37.3	9.29	37.2	9.48	36.6	9.33	35.4	8.95	32.9	8.21
		9.0	7.9	39.2	9.27	39.1	9.46	37.8	9.13	36.6	8.77	35.4	8.42	32.9	7.73
110	30.80	-24.9	-25.0	24.0	8.12	23.9	8.43	23.9	8.74	23.9	8.90	23.8	9.05	23.8	9.36
		-22.8	-23.0	24.3	7.93	24.2	8.23	24.2	8.52	24.2	8.67	24.1	8.82	24.1	9.12
		-21.8	-22.0	24.5	7.85	24.4	8.14	24.4	8.43	24.3	8.57	24.3	8.72	24.2	9.01
		-20.8	-21.0	24.7	7.78	24.6	8.06	24.5	8.34	24.5	8.49	24.5	8.63	24.4	8.91
		-19.8	-20.0	24.9	7.71	24.8	7.99	24.7	8.27	24.7	8.40	24.7	8.54	24.6	8.82
		-18.8	-19.0	25.1	7.65	25.0	7.92	24.9	8.19	24.9	8.33	24.9	8.47	24.8	8.74
		-16.7	-17.0	25.6	7.55	25.5	7.81	25.4	8.07	25.4	8.20	25.4	8.33	25.3	8.59
		-13.7	-15.0	26.2	7.47	26.1	7.72	26.0	7.97	26.0	8.09	26.0	8.21	25.9	8.46
		-11.8	-13.0	26.9	7.43	26.8	7.66	26.8	7.90	26.7	8.01	26.7	8.13	26.7	8.36
		-9.8	-11.0	27.8	7.42	27.7	7.65	27.7	7.87	27.6	7.98	27.6	8.09	27.6	8.31
		-9.5	-10.0	28.3	7.44	28.3	7.66	28.2	7.88	28.2	7.99	28.1	8.09	28.1	8.31
		-8.5	-9.1	28.8	7.48	28.8	7.69	28.7	7.90	28.7	8.01	28.6	8.11	28.6	8.32
		-7.0	-7.6	29.8	7.57	29.7	7.78	29.6	7.98	29.6	8.08	29.6	8.19	29.5	8.39
		-4.4	-5.0	31.7	7.90	31.6	8.09	31.5	8.29	31.5	8.38	31.5	8.48	30.2	8.16
		-3.0	-3.7	32.8	8.20	32.7	8.39	32.7	8.55	32.6	8.68	32.4	8.70	30.2	8.00
		0.0	-0.7	35.8	9.12	35.7	9.31	34.7	9.08	33.5	8.74	32.4	8.40	30.2	7.73
		3.0	2.2	39.1	10.2	36.9	9.52	34.7	8.85	33.5	8.52	32.4	8.20	30.2	7.57
		5.0	4.0	39.1	10.1	36.9	9.39	34.7	8.74	33.5	8.43	32.4	8.11	30.2	7.50
		7.0	6.0	37.2	9.38	36.9	9.43	34.7	8.73	33.5	8.39	32.4	8.05	30.2	7.40
		9.0	7.9	39.1	9.52	36.9	8.86	34.7	8.21	33.5	7.89	32.4	7.58	30.2	6.97
		11.0	9.8	39.1	8.95	36.9	8.33	34.7	7.73	33.5	7.44	32.4	7.15	30.2	6.58
		13.0	11.8	39.1	8.39	36.9	7.82	34.7	7.26	33.5	6.99	32.4	6.72	30.2	6.20
		15.0	13.7	39.1	7.91	36.9	7.38	34.7	6.86	33.5	6.60	32.4	6.35	30.2	5.86

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5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ10PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	28.00	-24.9	-25.0	23.9	8.62	23.9	8.90	23.8	9.18	23.8	9.32	23.7	9.46	23.7	9.74
		-22.8	-23.0	24.2	8.40	24.2	8.67	24.1	8.94	24.1	9.08	24.0	9.21	24.0	9.48
		-21.8	-22.0	24.4	8.31	24.3	8.58	24.3	8.84	24.2	8.97	24.2	9.10	24.2	9.37
		-20.8	-21.0	24.6	8.23	24.5	8.49	24.4	8.75	24.4	8.87	24.4	9.00	24.3	9.26
		-19.8	-20.0	24.8	8.15	24.7	8.41	24.6	8.66	24.6	8.78	24.6	8.91	24.5	9.16
		-18.8	-19.0	25.0	8.08	24.9	8.33	24.9	8.58	24.8	8.70	24.8	8.82	24.7	9.07
		-16.7	-17.0	25.5	7.96	25.4	8.20	25.4	8.43	25.3	8.55	25.3	8.67	25.2	8.91
		-13.7	-15.0	26.1	7.87	26.0	8.09	25.9	8.32	25.9	8.43	25.9	8.54	25.8	8.76
		-11.8	-13.0	26.8	7.80	26.7	8.01	26.7	8.23	26.7	8.33	26.6	8.44	26.6	8.65
		-9.8	-11.0	27.7	7.78	27.6	7.98	27.6	8.18	27.6	8.28	27.5	8.38	27.5	8.58
		-9.5	-10.0	28.2	7.79	28.2	7.99	28.1	8.18	28.1	8.28	28.0	8.38	27.5	8.32
		-8.5	-9.1	28.7	7.82	28.7	8.01	28.6	8.20	28.6	8.30	28.6	8.39	27.5	8.11
		-7.0	-7.6	29.7	7.90	29.6	8.08	29.5	8.27	29.5	8.36	29.5	8.45	27.5	7.77
		-4.4	-5.0	31.6	8.21	31.5	8.38	31.5	8.56	30.5	8.25	29.5	7.93	27.5	7.30
		-3.0	-3.7	32.7	8.50	32.6	8.68	31.5	8.38	30.5	8.09	29.5	7.77	27.5	7.16
		0.0	-0.7	35.5	9.36	33.5	8.73	31.5	8.12	30.5	7.82	29.5	7.52	27.5	6.94
		3.0	2.2	35.5	9.12	33.5	8.52	31.5	7.94	30.5	7.65	29.5	7.37	27.5	6.81
		5.0	4.0	35.5	9.00	33.5	8.42	31.5	7.86	30.5	7.58	29.5	7.30	27.5	6.76
		7.0	6.0	35.5	9.01	33.5	8.39	31.5	7.78	30.5	7.48	29.5	7.19	27.5	6.62
		9.0	7.9	35.5	8.47	33.5	7.89	31.5	7.33	30.5	7.05	29.5	6.78	27.5	6.25
		11.0	9.8	35.5	7.97	33.5	7.43	31.5	6.91	30.5	6.65	29.5	6.40	27.5	5.90
		13.0	11.8	35.5	7.49	33.5	6.99	31.5	6.50	30.5	6.26	29.5	6.03	27.5	5.57
		15.0	13.7	35.5	7.06	33.5	6.60	31.5	6.15	30.5	5.92	29.5	5.70	27.5	5.27
90	25.20	-24.9	-25.0	23.8	9.11	23.8	9.37	23.7	9.62	23.7	9.75	23.7	9.87	23.6	10.1
		-22.8	-23.0	24.1	8.88	24.1	9.12	24.0	9.36	24.0	9.48	24.0	9.60	23.9	9.85
		-21.8	-22.0	24.3	8.78	24.2	9.01	24.2	9.25	24.2	9.37	24.1	9.49	24.1	9.72
		-20.8	-21.0	24.5	8.68	24.4	8.91	24.4	9.15	24.3	9.26	24.3	9.38	24.3	9.61
		-19.8	-20.0	24.7	8.60	24.6	8.82	24.6	9.05	24.5	9.16	24.5	9.28	24.5	9.50
		-18.8	-19.0	24.9	8.52	24.8	8.74	24.8	8.96	24.7	9.07	24.7	9.18	24.7	9.41
		-16.7	-17.0	25.4	8.38	25.3	8.59	25.3	8.80	25.2	8.91	25.2	9.01	24.7	8.97
		-13.7	-15.0	26.0	8.26	25.9	8.46	25.9	8.66	25.8	8.77	25.8	8.87	24.7	8.50
		-11.8	-13.0	26.7	8.18	26.7	8.37	26.6	8.56	26.6	8.65	26.5	8.74	24.7	8.03
		-9.8	-11.0	27.6	8.13	27.6	8.32	27.5	8.50	27.4	8.57	26.5	8.23	24.7	7.57
		-9.5	-10.0	28.1	8.14	28.1	8.31	28.0	8.49	27.4	8.32	26.5	7.99	24.7	7.36
		-8.5	-9.1	28.6	8.15	28.6	8.33	28.4	8.42	27.4	8.10	26.5	7.79	24.7	7.17
		-7.0	-7.6	29.6	8.22	29.5	8.39	28.4	8.07	27.4	7.77	26.5	7.47	24.7	6.88
		-4.4	-5.0	31.5	8.52	30.2	8.15	28.4	7.58	27.4	7.30	26.5	7.02	24.7	6.47
		-3.0	-3.7	32.0	8.56	30.2	7.99	28.4	7.41	27.4	7.16	26.5	6.89	24.7	6.36
		0.0	-0.7	32.0	8.27	30.2	7.73	28.4	7.20	27.4	6.94	26.5	6.68	24.7	6.18
		3.0	2.2	32.0	8.08	30.2	7.56	28.4	7.06	27.4	6.81	26.5	6.56	24.7	6.08
		5.0	4.0	32.0	7.99	30.2	7.49	28.4	7.00	27.4	6.76	26.5	6.52	24.7	6.05
		7.0	6.0	32.0	7.93	30.2	7.39	28.4	6.87	27.4	6.62	26.5	6.36	24.7	5.87
		9.0	7.9	32.0	7.46	30.2	6.97	28.4	6.48	27.4	6.24	26.5	6.01	24.7	5.55
		11.0	9.8	32.0	7.04	30.2	6.57	28.4	6.12	27.4	5.90	26.5	5.68	24.7	5.25
		13.0	11.8	32.0	6.62	30.2	6.19	28.4	5.77	27.4	5.56	26.5	5.36	24.7	4.96
		15.0	13.7	32.0	6.26	30.2	5.85	28.4	5.46	27.4	5.27	26.5	5.08	24.7	4.71
80	22.40	-24.9	-25.0	23.7	9.61	23.7	9.83	23.6	10.1	23.6	10.2	23.6	10.3	22.0	9.46
		-22.8	-23.0	24.0	9.35	24.0	9.57	23.9	9.78	23.9	9.89	23.6	9.80	22.0	9.01
		-21.8	-22.0	24.2	9.24	24.1	9.45	24.1	9.66	24.1	9.77	23.6	9.58	22.0	8.81
		-20.8	-21.0	24.4	9.14	24.3	9.34	24.3	9.55	24.3	9.65	23.6	9.36	22.0	8.60
		-19.8	-20.0	24.6	9.04	24.5	9.24	24.5	9.44	24.4	9.51	23.6	9.14	22.0	8.41
		-18.8	-19.0	24.8	8.95	24.7	9.15	24.7	9.35	24.4	9.29	23.6	8.92	22.0	8.21
		-16.7	-17.0	25.3	8.79	25.2	8.98	25.2	9.17	24.4	8.83	23.6	8.49	22.0	7.81
		-13.7	-15.0	25.9	8.65	25.8	8.83	25.2	8.70	24.4	8.37	23.6	8.05	22.0	7.41
		-11.8	-13.0	26.6	8.55	26.6	8.72	25.2	8.22	24.4	7.91	23.6	7.61	22.0	7.01
		-9.8	-11.0	27.5	8.49	26.8	8.34	25.2	7.75	24.4	7.46	23.6	7.18	22.0	6.62
		-9.5	-10.0	28.0	8.48	26.8	8.10	25.2	7.53	24.4	7.25	23.6	6.97	22.0	6.43
		-8.5	-9.1	28.4	8.45	26.8	7.89	25.2	7.33	24.4	7.06	23.6	6.79	22.0	6.27
		-7.0	-7.6	28.4	8.10	26.8	7.56	25.2	7.04	24.4	6.78	23.6	6.52	22.0	6.02
		-4.4	-5.0	28.4	7.60	26.8	7.11	25.2	6.62	24.4	6.38	23.6	6.14	22.0	5.68
		-3.0	-3.7	28.4	7.46	26.8	6.97	25.2	6.48	24.4	6.27	23.6	6.04	22.0	5.59
		0.0	-0.7	28.4	7.22	26.8	6.77	25.2	6.32	24.4	6.10	23.6	5.88	22.0	5.45
		3.0	2.2	28.4	7.08	26.8	6.64	25.2	6.21	24.4	6.00	23.6	5.79	22.0	5.38
		5.0	4.0	28.4	7.02	26.8	6.59	25.2	6.18	24.4	5.97	23.6	5.76	22.0	5.36
		7.0	6.0	28.4	6.90	26.8	6.44	25.2	6.00	24.4	5.79	23.6	5.57	22.0	5.15
		9.0	7.9	28.4	6.50	26.8	6.08	25.2	5.67	24.4	5.47	23.6	5.27	22.0	4.88
		11.0	9.8	28.4	6.14	26.8	5.75	25.2	5.37	24.4	5.18	23.6	4.99	22.0	4.63
		13.0	11.8	28.4	5.79	26.8	5.42	25.2	5.07	24.4	4.89	23.6	4.72	22.0	4.38
		15.0	13.7	28.4	5.48	26.8	5.14	25.2	4.81	24.4	4.64	23.6	4.48	22.0	4.16

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5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ10PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	19.60	-24.9	-25.0	23.6	10.1	23.5	10.2	22.1	9.50	21.3	9.15	20.6	8.79	19.2	8.11
		-22.8	-23.0	23.9	9.82	23.5	9.75	22.1	9.06	21.3	8.72	20.6	8.38	19.2	7.73
		-21.8	-22.0	24.1	9.70	23.5	9.52	22.1	8.85	21.3	8.52	20.6	8.19	19.2	7.55
		-20.8	-21.0	24.3	9.59	23.5	9.30	22.1	8.65	21.3	8.32	20.6	8.01	19.2	7.38
		-19.8	-20.0	24.5	9.48	23.5	9.09	22.1	8.45	21.3	8.13	20.6	7.82	19.2	7.22
		-18.8	-19.0	24.7	9.38	23.5	8.87	22.1	8.25	21.3	7.94	20.6	7.64	19.2	7.05
		-16.7	-17.0	24.9	9.05	23.5	8.44	22.1	7.85	21.3	7.56	20.6	7.27	19.2	6.71
		-13.7	-15.0	24.9	8.57	23.5	8.00	22.1	7.45	21.3	7.17	20.6	6.90	19.2	6.38
		-11.8	-13.0	24.9	8.10	23.5	7.56	22.1	7.04	21.3	6.79	20.6	6.53	19.2	6.04
		-9.8	-11.0	24.9	7.64	23.5	7.14	22.1	6.65	21.3	6.41	20.6	6.17	19.2	5.71
		-9.5	-10.0	24.9	7.42	23.5	6.93	22.1	6.46	21.3	6.23	20.6	6.00	19.2	5.55
		-8.5	-9.1	24.9	7.23	23.5	6.76	22.1	6.30	21.3	6.07	20.6	5.85	19.2	5.41
		-7.0	-7.6	24.9	6.93	23.5	6.49	22.1	6.05	21.3	5.84	20.6	5.62	19.2	5.21
		-4.4	-5.0	24.9	6.53	23.5	6.11	22.1	5.71	21.3	5.51	20.6	5.31	19.2	4.93
		-3.0	-3.7	24.9	6.41	23.5	6.01	22.1	5.60	21.3	5.42	20.6	5.23	19.2	4.85
		0.0	-0.7	24.9	6.23	23.5	5.85	22.1	5.47	21.3	5.29	20.6	5.11	19.2	4.75
		3.0	2.2	24.9	6.13	23.5	5.76	22.1	5.40	21.3	5.23	20.6	5.05	19.2	4.71
		5.0	4.0	24.9	6.09	23.5	5.74	22.1	5.38	21.3	5.21	20.6	5.04	19.2	4.70
		7.0	6.0	24.9	5.92	23.5	5.54	22.1	5.18	21.3	5.00	20.6	4.82	19.2	4.47
		9.0	7.9	24.9	5.59	23.5	5.24	22.1	4.90	21.3	4.73	20.6	4.57	19.2	4.24
60	16.80	-24.9	-25.0	21.3	9.14	20.1	8.54	18.9	7.96	18.3	7.67	17.7	7.39	16.5	6.83
		-22.8	-23.0	21.3	8.71	20.1	8.14	18.9	7.59	18.3	7.31	17.7	7.04	16.5	6.52
		-21.8	-22.0	21.3	8.51	20.1	7.96	18.9	7.41	18.3	7.15	17.7	6.89	16.5	6.37
		-20.8	-21.0	21.3	8.32	20.1	7.78	18.9	7.25	18.3	6.99	17.7	6.73	16.5	6.23
		-19.8	-20.0	21.3	8.13	20.1	7.60	18.9	7.08	18.3	6.83	17.7	6.58	16.5	6.09
		-18.8	-19.0	21.3	7.94	20.1	7.42	18.9	6.92	18.3	6.67	17.7	6.43	16.5	5.95
		-16.7	-17.0	21.3	7.55	20.1	7.07	18.9	6.59	18.3	6.36	17.7	6.13	16.5	5.67
		-13.7	-15.0	21.3	7.17	20.1	6.71	18.9	6.26	18.3	6.04	17.7	5.82	16.5	5.39
		-11.8	-13.0	21.3	6.78	20.1	6.35	18.9	5.93	18.3	5.72	17.7	5.52	16.5	5.11
		-9.8	-11.0	21.3	6.40	20.1	6.00	18.9	5.60	18.3	5.41	17.7	5.22	16.5	4.84
		-9.5	-10.0	21.3	6.22	20.1	5.83	18.9	5.45	18.3	5.26	17.7	5.08	16.5	4.71
		-8.5	-9.1	21.3	6.07	20.1	5.69	18.9	5.32	18.3	5.14	17.7	4.96	16.5	4.60
		-7.0	-7.6	21.3	5.83	20.1	5.47	18.9	5.12	18.3	4.94	17.7	4.77	16.5	4.43
		-4.4	-5.0	21.3	5.50	20.1	5.17	18.9	4.84	18.3	4.68	17.7	4.52	16.5	4.20
		-3.0	-3.7	21.3	5.42	20.1	5.09	18.9	4.75	18.3	4.61	17.7	4.45	16.5	4.15
		0.0	-0.7	21.3	5.29	20.1	4.97	18.9	4.67	18.3	4.52	17.7	4.37	16.5	4.07
		3.0	2.2	21.3	5.22	20.1	4.92	18.9	4.63	18.3	4.48	17.7	4.34	16.5	4.06
		5.0	4.0	21.3	5.21	20.1	4.91	18.9	4.63	18.3	4.48	17.7	4.34	16.5	4.06
		7.0	6.0	21.3	4.99	20.1	4.69	18.9	4.39	18.3	4.24	17.7	4.10	16.5	3.81
50	14.00	-24.9	-25.0	17.8	7.43	16.8	6.96	15.8	6.51	15.2	6.28	14.7	6.06	13.7	5.63
		-22.8	-23.0	17.8	7.08	16.8	6.64	15.8	6.21	15.2	6.00	14.7	5.78	13.7	5.37
		-21.8	-22.0	17.8	6.92	16.8	6.49	15.8	6.07	15.2	5.86	14.7	5.66	13.7	5.25
		-20.8	-21.0	17.8	6.77	16.8	6.35	15.8	5.94	15.2	5.73	14.7	5.53	13.7	5.14
		-19.8	-20.0	17.8	6.62	16.8	6.21	15.8	5.80	15.2	5.61	14.7	5.41	13.7	5.03
		-18.8	-19.0	17.8	6.46	16.8	6.06	15.8	5.67	15.2	5.48	14.7	5.29	13.7	4.91
		-16.7	-17.0	17.8	6.16	16.8	5.78	15.8	5.41	15.2	5.23	14.7	5.05	13.7	4.69
		-13.7	-15.0	17.8	5.85	16.8	5.49	15.8	5.14	15.2	4.97	14.7	4.80	13.7	4.46
		-11.8	-13.0	17.8	5.54	16.8	5.21	15.8	4.88	15.2	4.72	14.7	4.55	13.7	4.24
		-9.8	-11.0	17.8	5.25	16.8	4.93	15.8	4.62	15.2	4.47	14.7	4.32	13.7	4.02
		-9.5	-10.0	17.8	5.10	16.8	4.80	15.8	4.50	15.2	4.35	14.7	4.20	13.7	3.92
		-8.5	-9.1	17.8	4.98	16.8	4.68	15.8	4.39	15.2	4.25	14.7	4.11	13.7	3.83
		-7.0	-7.6	17.8	4.80	16.8	4.51	15.8	4.23	15.2	4.10	14.7	3.96	13.7	3.69
		-4.4	-5.0	17.8	4.54	16.8	4.28	15.8	4.02	15.2	3.89	14.7	3.76	13.7	3.52
		-3.0	-3.7	17.8	4.46	16.8	4.20	15.8	3.95	15.2	3.82	14.7	3.70	13.7	3.46
		0.0	-0.7	17.8	4.39	16.8	4.15	15.8	3.90	15.2	3.78	14.7	3.67	13.7	3.43
		3.0	2.2	17.8	4.54	16.8	4.29	15.8	4.05	15.2	3.92	14.7	3.81	13.7	3.57
		5.0	4.0	17.8	4.74	16.8	4.48	15.8	4.23	15.2	4.11	14.7	3.99	13.7	3.75
		7.0	6.0	17.8	4.12	16.8	3.88	15.8	3.65	15.2	3.53	14.7	3.41	13.7	3.19
		9.0	7.9	17.8	3.91	16.8	3.69	15.8	3.47	15.2	3.36	14.7	3.25	13.7	3.04
		11.0	9.8	17.8	3.72	16.8	3.51	15.8	3.30	15.2	3.20	14.7	3.10	13.7	2.90
		13.0	11.8	17.8	3.53	16.8	3.34	15.8	3.14	15.2	3.05	14.7	2.95	13.7	2.77
		15.0	13.7	17.8	3.37	16.8	3.18	15.8	3.00	15.2	2.91	14.7	2.82	13.7	2.65

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .

dient als Verweis. Vermeiden Sie bei der Auswahl der Gerätemodelle den als  markierten Temperaturbereich der Außenluft.

Η είναι ενδεικτική. κατά την επιλογή των μοντέλων των μονάδων, αποφύγετε το εύρος θερμοκρασίας εξωτερικού αέρα που υποδεικνύεται .

se muestra como referencia. Cuando seleccione los modelos de unidad, evite el intervalo de temperaturas del aire exterior indicado mediante .

est montré comme référence. Lors du choix des modèles d'unités, évitez la plage de températures de l'air extérieur illustré par .

valori riportati unicamente come riferimento. Nel selezionare i modelli delle unità, non considerare i valori di temperatura dell'aria esterna indicati con il colore .

is als referentie getoond. Wanneer modellen van eenheden worden gekozen, vermijd dan het bereik van buitenluchttemperaturen geïllustreerd door .

показан как. При выборе модели устройства избегайте внешнюю температуру воздуха, указанную в .

referans olarak gösterilmektedir. Ünite modellerini seçerken, belirtilen Dış hava sıcaklığı aralığından kaçının .
- The above table shows the average value of conditions which may occur.

Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.

Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.

La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.

Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.

La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.

De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.

Таблица расположенная выше показывает среднее значение условий, которые могут наступить.

Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ14PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	52.00	-24.9	-25.0	29.9	8.30	29.8	8.88	29.7	9.47	29.6	9.76	29.6	10.1	29.5	10.6
		-22.8	-23.0	31.4	8.78	31.3	9.33	31.2	9.88	31.1	10.2	31.1	10.4	31.0	11.0
		-21.8	-22.0	32.1	8.97	32.0	9.50	31.9	10.0	31.8	10.3	31.8	10.6	31.7	11.1
		-20.8	-21.0	32.8	9.13	32.7	9.65	32.6	10.2	32.5	10.4	32.4	10.7	32.3	11.2
		-19.8	-20.0	33.4	9.27	33.3	9.78	33.2	10.3	33.2	10.5	33.1	10.8	33.0	11.3
		-18.8	-19.0	34.1	9.40	34.0	9.90	33.9	10.4	33.9	10.6	33.8	10.9	33.7	11.4
		-16.7	-17.0	35.5	9.63	35.4	10.1	35.3	10.6	35.2	10.8	35.2	11.0	35.0	11.5
		-13.7	-15.0	36.8	9.85	36.7	10.3	36.6	10.7	36.6	11.0	36.5	11.2	36.4	11.6
		-11.8	-13.0	38.3	10.1	38.2	10.5	38.1	10.9	38.0	11.2	38.0	11.4	37.9	11.8
		-9.8	-11.0	39.9	10.4	39.8	10.8	39.6	11.2	39.6	11.4	39.5	11.6	39.4	12.0
		-9.5	-10.0	40.7	10.5	40.6	10.9	40.5	11.3	40.4	11.5	40.4	11.7	40.3	12.1
		-8.5	-9.1	41.5	10.7	41.4	11.1	41.3	11.5	41.2	11.7	41.2	11.9	41.1	12.3
		-7.0	-7.6	42.9	11.0	42.8	11.4	42.6	11.7	42.6	11.9	42.5	12.1	42.4	12.5
		-4.4	-5.0	45.5	11.6	45.4	11.9	45.3	12.3	45.3	12.5	45.2	12.6	45.1	13.0
		-3.0	-3.7	47.0	12.1	46.9	12.4	46.8	12.7	46.8	13.0	46.7	13.1	46.6	13.5
		0.0	-0.7	51.0	13.3	50.9	13.6	50.8	14.0	50.7	14.1	50.7	14.3	50.6	14.7
		3.0	2.2	55.5	14.5	55.4	14.9	55.3	15.2	55.2	15.4	54.7	15.3	51.0	14.1
		5.0	4.0	58.7	15.3	58.6	15.7	58.5	16.0	56.6	15.4	54.7	14.8	51.0	13.6
		7.0	6.0	51.4	12.1	51.3	12.4	51.2	12.7	51.2	12.8	51.1	13.0	51.0	13.3
		9.0	7.9	53.9	12.3	53.8	12.6	53.7	12.9	53.7	13.0	53.6	13.2	51.0	12.5
		11.0	9.8	56.6	12.6	56.5	12.8	56.4	13.1	56.3	13.3	54.7	12.8	51.0	11.8
		13.0	11.8	59.5	12.8	59.4	13.1	58.5	13.1	56.6	12.6	54.7	12.0	51.0	11.1
		15.0	13.7	62.3	13.0	62.2	13.3	58.5	12.3	56.6	11.8	54.7	11.4	51.0	10.4
120	48.00	-24.9	-25.0	29.8	9.09	29.7	9.63	29.6	10.2	29.5	10.4	29.5	10.7	29.4	11.2
		-22.8	-23.0	31.2	9.52	31.1	10.0	31.0	10.5	31.0	10.8	30.9	11.1	30.8	11.6
		-21.8	-22.0	31.9	9.69	31.8	10.2	31.7	10.7	31.7	10.9	31.6	11.2	31.5	11.7
		-20.8	-21.0	32.6	9.84	32.5	10.3	32.4	10.8	32.4	11.0	32.3	11.3	32.2	11.8
		-19.8	-20.0	33.3	9.96	33.2	10.4	33.1	10.9	33.1	11.1	33.0	11.4	32.9	11.8
		-18.8	-19.0	34.0	10.1	33.9	10.5	33.8	11.0	33.7	11.2	33.7	11.4	33.6	11.9
		-16.7	-17.0	35.3	10.3	35.2	10.7	35.1	11.1	35.1	11.4	35.0	11.6	34.9	12.0
		-13.7	-15.0	36.7	10.5	36.6	10.9	36.5	11.3	36.5	11.5	36.4	11.7	36.3	12.1
		-11.8	-13.0	38.2	10.7	38.1	11.1	38.0	11.5	37.9	11.7	37.9	11.9	37.8	12.2
		-9.8	-11.0	39.7	10.9	39.6	11.3	39.5	11.7	39.5	11.9	39.4	12.1	39.3	12.4
		-9.5	-10.0	40.5	11.1	40.5	11.4	40.4	11.8	40.3	12.0	40.3	12.2	40.2	12.6
		-8.5	-9.1	41.3	11.2	41.2	11.6	41.1	11.9	41.1	12.1	41.0	12.3	40.9	12.7
		-7.0	-7.6	42.7	11.5	42.6	11.8	42.5	12.2	42.5	12.4	42.4	12.6	42.3	12.9
		-4.4	-5.0	45.4	12.0	45.3	12.4	45.2	12.7	45.2	12.9	45.1	13.1	45.0	13.4
		-3.0	-3.7	46.9	12.5	46.8	12.9	46.7	13.2	46.7	13.4	46.6	13.5	46.5	13.9
		0.0	-0.7	50.8	13.7	50.7	14.1	50.6	14.4	50.6	14.5	50.5	14.7	47.1	13.5
		3.0	2.2	55.3	15.0	55.2	15.3	54.0	15.1	52.3	14.5	50.5	14.0	47.1	12.9
		5.0	4.0	58.5	15.8	57.5	15.7	54.0	14.6	52.3	14.0	50.5	13.5	47.1	12.4
		7.0	6.0	51.3	12.5	51.2	12.7	51.1	13.0	51.0	13.2	50.5	13.1	47.1	12.0
		9.0	7.9	53.8	12.7	53.7	13.0	53.6	13.2	52.3	12.9	50.5	12.3	47.1	11.3
		11.0	9.8	56.4	12.9	56.3	13.2	54.0	12.6	52.3	12.1	50.5	11.6	47.1	10.7
		13.0	11.8	59.3	13.2	57.5	12.8	54.0	11.9	52.3	11.4	50.5	10.9	47.1	10.1
		15.0	13.7	60.9	12.9	57.5	12.1	54.0	11.2	52.3	10.8	50.5	10.3	47.1	9.52
110	44.00	-24.9	-25.0	29.6	9.88	29.5	10.4	29.4	10.9	29.4	11.1	29.4	11.4	29.3	11.9
		-22.8	-23.0	31.1	10.3	31.0	10.7	30.9	11.2	30.9	11.4	30.8	11.7	30.7	12.2
		-21.8	-22.0	31.8	10.4	31.7	10.9	31.6	11.3	31.6	11.6	31.5	11.8	31.4	12.2
		-20.8	-21.0	32.5	10.5	32.4	11.0	32.3	11.4	32.3	11.7	32.2	11.9	32.1	12.3
		-19.8	-20.0	33.2	10.7	33.1	11.1	33.0	11.5	32.9	11.7	32.9	11.9	32.8	12.4
		-18.8	-19.0	33.8	10.7	33.7	11.2	33.7	11.6	33.6	11.8	33.6	12.0	33.5	12.4
		-16.7	-17.0	35.2	10.9	35.1	11.3	35.0	11.7	35.0	11.9	34.9	12.1	34.8	12.5
		-13.7	-15.0	36.6	11.1	36.5	11.4	36.4	11.8	36.3	12.0	36.3	12.2	36.2	12.6
		-11.8	-13.0	38.0	11.2	37.9	11.6	37.8	12.0	37.8	12.2	37.8	12.3	37.7	12.7
		-9.8	-11.0	39.6	11.5	39.5	11.8	39.4	12.2	39.4	12.3	39.3	12.5	39.2	12.9
		-9.5	-10.0	40.4	11.6	40.3	12.0	40.2	12.3	40.2	12.5	40.1	12.6	40.1	13.0
		-8.5	-9.1	41.2	11.8	41.1	12.1	41.0	12.4	41.0	12.6	40.9	12.8	40.8	13.1
		-7.0	-7.6	42.6	12.0	42.5	12.3	42.4	12.7	42.4	12.8	42.3	13.0	42.2	13.3
		-4.4	-5.0	45.3	12.5	45.2	12.8	45.1	13.2	45.0	13.3	45.0	13.5	43.1	12.9
		-3.0	-3.7	46.8	13.0	46.7	13.3	46.6	13.6	46.5	13.8	46.3	13.9	43.1	12.7
		0.0	-0.7	50.7	14.2	50.6	14.5	49.5	14.4	47.9	13.8	46.3	13.3	43.1	12.2
		3.0	2.2	55.2	15.4	52.7	14.7	49.5	13.6	47.9	13.1	46.3	12.6	43.1	11.7
		5.0	4.0	55.9	15.2	52.7	14.1	49.5	13.2	47.9	12.7	46.3	12.2	43.1	11.3
		7.0	6.0	51.1	12.9	51.0	13.1	49.5	12.8	47.9	12.3	46.3	11.8	43.1	10.8
		9.0	7.9	53.7	13.1	52.7	13.0	49.5	12.0	47.9	11.6	46.3	11.1	43.1	10.2
		11.0	9.8	55.9	13.1	52.7	12.2	49.5	11.4	47.9	10.9	46.3	10.5	43.1	9.66
		13.0	11.8	55.9	12.3	52.7	11.5	49.5	10.7	47.9	10.3	46.3	9.89	43.1	9.11
		15.0	13.7	55.9	11.6	52.7	10.9	49.5	10.1	47.9	9.72	46.3	9.35	43.1	8.63

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5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ14PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	40.00	-24.9	-25.0	29.5	10.7	29.4	11.1	29.3	11.6	29.3	11.8	29.2	12.0	29.2	12.5
		-22.8	-23.0	30.9	11.0	30.9	11.4	30.8	11.9	30.7	12.1	30.7	12.3	30.6	12.7
		-21.8	-22.0	31.7	11.2	31.6	11.6	31.5	12.0	31.5	12.2	31.4	12.4	31.3	12.8
		-20.8	-21.0	32.3	11.3	32.3	11.7	32.2	12.1	32.1	12.3	32.1	12.5	32.0	12.9
		-19.8	-20.0	33.0	11.3	32.9	11.7	32.9	12.1	32.8	12.3	32.8	12.5	32.7	12.9
		-18.8	-19.0	33.7	11.4	33.6	11.8	33.5	12.2	33.5	12.4	33.5	12.6	33.4	12.9
		-16.7	-17.0	35.0	11.5	35.0	11.9	34.9	12.3	34.8	12.4	34.8	12.6	34.7	13.0
		-13.7	-15.0	36.4	11.7	36.3	12.0	36.2	12.4	36.2	12.5	36.2	12.7	36.1	13.0
		-11.8	-13.0	37.9	11.8	37.8	12.2	37.7	12.5	37.7	12.6	37.6	12.8	37.6	13.1
		-9.8	-11.0	39.4	12.0	39.4	12.3	39.3	12.7	39.2	12.8	39.2	13.0	39.1	13.3
		-9.5	-10.0	40.3	12.2	40.2	12.5	40.0	12.8	40.1	12.9	40.0	13.1	39.2	13.0
		-8.5	-9.1	41.1	12.3	41.0	12.6	40.9	12.9	40.9	13.0	40.8	13.2	39.2	12.7
		-7.0	-7.6	42.4	12.5	42.4	12.8	42.3	13.1	42.2	13.3	42.1	13.4	39.2	12.3
		-4.4	-5.0	45.1	13.0	45.0	13.3	45.0	13.6	43.6	13.1	42.1	12.6	39.2	11.6
		-3.0	-3.7	46.6	13.5	46.5	13.8	45.0	13.4	43.6	12.9	42.1	12.4	39.2	11.4
		0.0	-0.7	50.6	14.7	47.9	13.8	45.0	12.8	43.6	12.4	42.1	11.9	39.2	11.0
		3.0	2.2	50.8	14.0	47.9	13.1	45.0	12.2	43.6	11.8	42.1	11.3	39.2	10.5
		5.0	4.0	50.8	13.6	47.9	12.7	45.0	11.8	43.6	11.4	42.1	11.0	39.2	10.2
		7.0	6.0	50.8	13.2	47.9	12.3	45.0	11.4	43.6	11.0	42.1	10.5	39.2	9.70
		9.0	7.9	50.8	12.4	47.9	11.6	45.0	10.7	43.6	10.3	42.1	9.95	39.2	9.16
		11.0	9.8	50.8	11.7	47.9	10.9	45.0	10.1	43.6	9.77	42.1	9.40	39.2	8.67
		13.0	11.8	50.8	11.0	47.9	10.3	45.0	9.56	43.6	9.21	42.1	8.86	39.2	8.18
		15.0	13.7	50.8	10.4	47.9	9.72	45.0	9.05	43.6	8.72	42.1	8.39	39.2	7.76
90	36.00	-24.9	-25.0	29.3	11.5	29.3	11.9	29.2	12.3	29.2	12.5	29.1	12.7	29.1	13.1
		-22.8	-23.0	30.8	11.8	30.7	12.2	30.7	12.5	30.6	12.7	30.6	12.9	30.5	13.3
		-21.8	-22.0	31.5	11.9	31.4	12.3	31.4	12.6	31.3	12.8	31.3	13.0	31.2	13.4
		-20.8	-21.0	32.2	12.0	32.1	12.3	32.1	12.7	32.0	12.9	32.0	13.1	31.9	13.4
		-19.8	-20.0	32.9	12.0	32.8	12.4	32.7	12.7	32.7	12.9	32.7	13.1	32.6	13.4
		-18.8	-19.0	33.6	12.1	33.5	12.4	33.4	12.8	33.4	12.9	33.3	13.1	33.3	13.5
		-16.7	-17.0	34.9	12.2	34.8	12.5	34.8	12.8	34.7	13.0	34.7	13.2	34.6	13.5
		-13.7	-15.0	36.3	12.3	36.2	12.6	36.1	12.9	36.1	13.0	36.1	13.2	35.3	13.1
		-11.8	-13.0	37.7	12.4	37.7	12.7	37.6	13.0	37.6	13.1	37.5	13.3	35.3	12.4
		-9.8	-11.0	39.3	12.6	39.2	12.9	39.2	13.1	39.1	13.3	37.9	12.8	35.3	11.8
		-9.5	-10.0	40.1	12.7	40.1	13.0	40.0	13.3	39.2	13.0	37.9	12.5	35.3	11.5
		-8.5	-9.1	40.9	12.8	40.8	13.1	40.5	13.2	39.2	12.7	37.9	12.2	35.3	11.3
		-7.0	-7.6	42.3	13.0	42.2	13.3	40.5	12.8	39.2	12.3	37.9	11.8	35.3	10.9
		-4.4	-5.0	45.0	13.5	43.1	12.9	40.5	12.0	39.2	11.6	37.9	11.1	35.3	10.3
		-3.0	-3.7	45.7	13.6	43.1	12.7	40.5	11.8	39.2	11.4	37.9	11.0	35.3	10.1
		0.0	-0.7	45.7	13.1	43.1	12.2	40.5	11.4	39.2	11.0	37.9	10.6	35.3	9.76
		3.0	2.2	45.7	12.4	43.1	11.6	40.5	10.9	39.2	10.5	37.9	10.1	35.3	9.36
		5.0	4.0	45.7	12.0	43.1	11.3	40.5	10.5	39.2	10.2	37.9	9.79	35.3	9.08
		7.0	6.0	45.7	11.6	43.1	10.8	40.5	10.1	39.2	9.69	37.9	9.32	35.3	8.60
		9.0	7.9	45.7	10.9	43.1	10.2	40.5	9.51	39.2	9.16	37.9	8.81	35.3	8.14
		11.0	9.8	45.7	10.3	43.1	9.65	40.5	8.99	39.2	8.66	37.9	8.34	35.3	7.71
		13.0	11.8	45.7	9.73	43.1	9.10	40.5	8.48	39.2	8.18	37.9	7.88	35.3	7.29
		15.0	13.7	45.7	9.21	43.1	8.62	40.5	8.04	39.2	7.76	37.9	7.47	35.3	6.92
80	32.00	-24.9	-25.0	29.2	12.3	29.1	12.6	29.1	13.0	29.0	13.2	29.0	13.3	28.9	13.7
		-22.8	-23.0	30.7	12.5	30.6	12.9	30.5	13.2	30.5	13.4	30.5	13.5	30.4	13.9
		-21.8	-22.0	31.4	12.6	31.3	12.9	31.2	13.3	31.2	13.4	31.2	13.6	31.1	13.9
		-20.8	-21.0	32.1	12.7	32.0	13.0	31.9	13.3	31.9	13.5	31.9	13.6	31.4	13.7
		-19.8	-20.0	32.7	12.7	32.7	13.0	32.6	13.3	32.6	13.5	32.6	13.7	31.4	13.2
		-18.8	-19.0	33.4	12.8	33.4	13.1	33.3	13.4	33.3	13.5	33.2	13.7	31.4	12.8
		-16.7	-17.0	34.8	12.8	34.7	13.1	34.6	13.4	34.6	13.5	33.7	13.1	31.4	12.1
		-13.7	-15.0	36.1	12.9	36.1	13.2	36.0	13.4	34.8	12.9	33.7	12.4	31.4	11.4
		-11.8	-13.0	37.6	13.0	37.5	13.2	36.0	12.7	34.8	12.2	33.7	11.7	31.4	10.8
		-9.8	-11.0	39.2	13.1	38.3	13.0	36.0	12.1	34.8	11.6	33.7	11.2	31.4	10.3
		-9.5	-10.0	40.0	13.2	38.3	12.7	36.0	11.8	34.8	11.3	33.7	10.9	31.4	10.1
		-8.5	-9.1	40.6	13.3	38.3	12.4	36.0	11.5	34.8	11.1	33.7	10.7	31.4	9.85
		-7.0	-7.6	40.6	12.8	38.3	12.0	36.0	11.1	34.8	10.7	33.7	10.3	31.4	9.53
		-4.4	-5.0	40.6	12.1	38.3	11.3	36.0	10.5	34.8	10.1	33.7	9.75	31.4	9.01
		-3.0	-3.7	40.6	11.9	38.3	11.1	36.0	10.3	34.8	9.99	33.7	9.62	31.4	8.90
		0.0	-0.7	40.6	11.4	38.3	10.7	36.0	9.98	34.8	9.63	33.7	9.28	31.4	8.60
		3.0	2.2	40.6	10.9	38.3	10.2	36.0	9.55	34.8	9.23	33.7	8.91	31.4	8.27
		5.0	4.0	40.6	10.6	38.3	9.91	36.0	9.27	34.8	8.96	33.7	8.65	31.4	8.04
		7.0	6.0	40.6	10.1	38.3	9.44	36.0	8.80	34.8	8.48	33.7	8.17	31.4	7.55
		9.0	7.9	40.6	9.54	38.3	8.92	36.0	8.32	34.8	8.02	33.7	7.73	31.4	7.16
		11.0	9.8	40.6	9.02	38.3	8.44	36.0	7.88	34.8	7.60	33.7	7.33	31.4	6.79
		13.0	11.8	40.6	8.51	38.3	7.98	36.0	7.45	34.8	7.19	33.7	6.94	31.4	6.43
		15.0	13.7	40.6	8.07	38.3	7.56	36.0	7.07	34.8	6.83	33.7	6.59	31.4	6.12

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5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ14PA

TC: Total Capacity: kW; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	28.00	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
		-24.9	-25.0	29.1	13.0	29.0	13.4	28.9	13.7	28.9	13.8	28.9	14.0	27.5	13.3
		-22.8	-23.0	30.5	13.3	30.5	13.6	30.4	13.9	30.4	14.0	29.5	13.5	27.5	12.5
		-21.8	-22.0	31.2	13.3	31.2	13.6	31.1	13.9	30.5	13.6	29.5	13.1	27.5	12.1
		-20.8	-21.0	31.9	13.4	31.9	13.7	31.5	13.7	30.5	13.2	29.5	12.7	27.5	11.7
		-19.8	-20.0	32.6	13.4	32.5	13.7	31.5	13.3	30.5	12.8	29.5	12.3	27.5	11.3
		-18.8	-19.0	33.3	13.4	33.2	13.7	31.5	12.9	30.5	12.4	29.5	11.9	27.5	11.0
		-16.7	-17.0	34.6	13.4	33.5	13.1	31.5	12.1	30.5	11.7	29.5	11.2	27.5	10.4
		-13.7	-15.0	35.5	13.2	33.5	12.3	31.5	11.5	30.5	11.0	29.5	10.6	27.5	9.81
		-11.8	-13.0	35.5	12.5	33.5	11.7	31.5	10.9	30.5	10.5	29.5	10.1	27.5	9.32
		-9.8	-11.0	35.5	11.9	33.5	11.1	31.5	10.3	30.5	9.97	29.5	9.60	27.5	8.88
		-9.5	-10.0	35.5	11.6	33.5	10.8	31.5	10.1	30.5	9.74	29.5	9.38	27.5	8.67
		-8.5	-9.1	35.5	11.3	33.5	10.6	31.5	9.89	30.5	9.54	29.5	9.19	27.5	8.50
		-7.0	-7.6	35.5	11.0	33.5	10.3	31.5	9.57	30.5	9.23	29.5	8.89	27.5	8.24
		-4.4	-5.0	35.5	10.3	33.5	9.69	31.5	9.05	30.5	8.74	29.5	8.42	27.5	7.81
		-3.0	-3.7	35.5	10.2	33.5	9.57	31.5	8.92	30.5	8.63	29.5	8.33	27.5	7.73
		0.0	-0.7	35.5	9.84	33.5	9.23	31.5	8.64	30.5	8.35	29.5	8.06	27.5	7.49
		3.0	2.2	35.5	9.43	33.5	8.86	31.5	8.30	30.5	8.03	29.5	7.76	27.5	7.23
		5.0	4.0	35.5	9.15	33.5	8.61	31.5	8.08	30.5	7.82	29.5	7.56	27.5	7.04
		7.0	6.0	35.5	8.67	33.5	8.12	31.5	7.58	30.5	7.32	29.5	7.06	27.5	6.55
		9.0	7.9	35.5	8.20	33.5	7.69	31.5	7.19	30.5	6.94	29.5	6.70	27.5	6.22
		11.0	9.8	35.5	7.77	33.5	7.29	31.5	6.82	30.5	6.59	29.5	6.36	27.5	5.91
		13.0	11.8	35.5	7.35	33.5	6.90	31.5	6.46	30.5	6.25	29.5	6.03	27.5	5.61
		15.0	13.7	35.5	6.98	33.5	6.56	31.5	6.14	30.5	5.94	29.5	5.74	27.5	5.35
60	24.00	-24.9	-25.0	28.9	13.8	28.7	14.0	27.0	13.0	26.1	12.5	25.3	12.0	23.5	11.1
		-22.8	-23.0	30.4	14.0	28.7	13.1	27.0	12.2	26.1	11.8	25.3	11.3	23.5	10.4
		-21.8	-22.0	30.5	13.6	28.7	12.7	27.0	11.8	26.1	11.4	25.3	11.0	23.5	10.13
		-20.8	-21.0	30.5	13.2	28.7	12.3	27.0	11.5	26.1	11.1	25.3	10.6	23.5	9.83
		-19.8	-20.0	30.5	12.8	28.7	12.0	27.0	11.1	26.1	10.7	25.3	10.3	23.5	9.54
		-18.8	-19.0	30.5	12.4	28.7	11.6	27.0	10.8	26.1	10.4	25.3	10.02	23.5	9.26
		-16.7	-17.0	30.5	11.7	28.7	10.9	27.0	10.2	26.1	9.82	25.3	9.46	23.5	8.75
		-13.7	-15.0	30.5	11.0	28.7	10.3	27.0	9.63	26.1	9.29	25.3	8.95	23.5	8.29
		-11.8	-13.0	30.5	10.5	28.7	9.80	27.0	9.15	26.1	8.83	25.3	8.51	23.5	7.89
		-9.8	-11.0	30.5	9.96	28.7	9.33	27.0	8.72	26.1	8.41	25.3	8.11	23.5	7.53
		-9.5	-10.0	30.5	9.73	28.7	9.12	27.0	8.52	26.1	8.23	25.3	7.94	23.5	7.36
		-8.5	-9.1	30.5	9.53	28.7	8.94	27.0	8.35	26.1	8.07	25.3	7.78	23.5	7.23
		-7.0	-7.6	30.5	9.22	28.7	8.65	27.0	8.09	26.1	7.82	25.3	7.54	23.5	7.01
		-4.4	-5.0	30.5	8.73	28.7	8.20	27.0	7.68	26.1	7.42	25.3	7.17	23.5	6.67
		-3.0	-3.7	30.5	8.63	28.7	8.11	27.0	7.57	26.1	7.34	25.3	7.10	23.5	6.61
		0.0	-0.7	30.5	8.34	28.7	7.85	27.0	7.37	26.1	7.13	25.3	6.89	23.5	6.43
		3.0	2.2	30.5	8.03	28.7	7.56	27.0	7.11	26.1	6.88	25.3	6.66	23.5	6.22
		5.0	4.0	30.5	7.81	28.7	7.37	27.0	6.93	26.1	6.72	25.3	6.50	23.5	6.08
		7.0	6.0	30.5	7.32	28.7	6.87	27.0	6.43	26.1	6.22	25.3	6.00	23.5	5.59
		9.0	7.9	30.5	6.94	28.7	6.52	27.0	6.11	26.1	5.91	25.3	5.71	23.5	5.32
		11.0	9.8	30.5	6.59	28.7	6.19	27.0	5.81	26.1	5.62	25.3	5.43	23.5	5.07
		13.0	11.8	30.5	6.24	28.7	5.88	27.0	5.52	26.1	5.34	25.3	5.17	23.5	4.82
		15.0	13.7	30.5	5.94	28.7	5.60	27.0	5.26	26.1	5.09	25.3	4.93	23.5	4.60
50	20.00	-24.9	-25.0	25.4	12.1	23.9	11.3	22.5	10.6	21.8	10.2	21.1	9.80	19.6	9.07
		-22.8	-23.0	25.4	11.4	23.9	10.6	22.5	9.93	21.8	9.58	21.1	9.23	19.6	8.55
		-21.8	-22.0	25.4	11.0	23.9	10.33	22.5	9.64	21.8	9.30	21.1	9.0	19.6	8.3
		-20.8	-21.0	25.4	10.7	23.9	10.02	22.5	9.35	21.8	9.03	21.1	8.7	19.6	8.1
		-19.8	-20.0	25.4	10.4	23.9	9.72	22.5	9.08	21.8	8.77	21.1	8.5	19.6	7.8
		-18.8	-19.0	25.4	10.1	23.9	9.44	22.5	8.82	21.8	8.52	21.1	8.2	19.6	7.6
		-16.7	-17.0	25.4	9.51	23.9	8.92	22.5	8.34	21.8	8.05	21.1	7.8	19.6	7.22
		-13.7	-15.0	25.4	9.00	23.9	8.45	22.5	7.91	21.8	7.64	21.1	7.4	19.6	6.85
		-11.8	-13.0	25.4	8.55	23.9	8.03	22.5	7.52	21.8	7.27	21.1	7.02	19.6	6.53
		-9.8	-11.0	25.4	8.16	23.9	7.67	22.5	7.18	21.8	6.95	21.1	6.71	19.6	6.25
		-9.5	-10.0	25.4	7.98	23.9	7.50	22.5	7.03	21.8	6.80	21.1	6.57	19.6	6.12
		-8.5	-9.1	25.4	7.82	23.9	7.36	22.5	6.90	21.8	6.67	21.1	6.45	19.6	6.01
		-7.0	-7.6	25.4	7.58	23.9	7.14	22.5	6.70	21.8	6.48	21.1	6.27	19.6	5.84
		-4.4	-5.0	25.4	7.20	23.9	6.79	22.5	6.37	21.8	6.17	21.1	5.97	19.6	5.58
		-3.0	-3.7	25.4	7.02	23.9	6.62	22.5	6.22	21.8	6.03	21.1	5.83	19.6	5.45
		0.0	-0.7	25.4	6.61	23.9	6.24	22.5	5.87	21.8	5.69	21.1	5.51	19.6	5.16
		3.0	2.2	25.4	6.18	23.9	5.84	22.5	5.51	21.8	5.34	21.1	5.18	19.6	4.86
		5.0	4.0	25.4	5.88	23.9	5.57	22.5	5.25	21.8	5.10	21.1	4.95	19.6	4.64
		7.0	6.0	25.4	5.64	23.9	5.69	22.5	5.34	21.8	5.17	21.1	5.00	19.6	4.67
		9.0	7.9	25.4	5.74	23.9	5.41	22.5	5.09	21.8	4.93	21.1	4.77	19.6	4.46
		11.0	9.8	25.4	5.46	23.9	5.15	22.5	4.85	21.8	4.70	21.1	4.55	19.6	4.26
		13.0	11.8	25.4	5.19	23.9	4.90	22.5	4.62	21.8	4.48	21.1	4.34	19.6	4.06
		15.0	13.7	25.4	4.95	23.9	4.68	22.5	4.41	21.8	4.28	21.1	4.15	19.6	3.89

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .

dient als Verweis. Vermeiden Sie bei der Auswahl der Gerätemodelle den als  markierten Temperaturbereich der Außenluft

Η είναι ενδεικτική. κατά την επιλογή των μοντέλων των μονάδων, αποφύγετε το εύρος θερμοκρασίας εξωτερικού αέρα που υποδεικνύεται

se muestra como referencia. Cuando seleccione los modelos de unidad, evite el intervalo de temperaturas del aire exterior indicado mediante 

est montré comme référence. Lors du choix des modèles d'unités, évitez la plage de températures de l'air extérieur illustré par 

valori riportati unicamente come riferimento. Nel selezionare i modelli delle unità, non considerare i valori di temperatura dell'aria esterna indicati con il colore 

is als referentie getoond. Wanneer modellen van eenheden worden gekozen, vermijd dan het bereik van buitenluchttemperaturen geïllustreerd door 
-  показан как. При выборе модели устройства избегайте внешнюю температуру воздуха, указанную в 

referans olarak gösterilmektedir. Ünite modellerini seçerken, belirtilen Dış hava sıcaklığı aralığından kaçınınız

The above table shows the average value of conditions which may occur.

Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.

Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.

La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.

Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.

La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.

De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.

Таблица расположенная выше показывает среднее значение условий, которые могут наступить.

Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ16PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	58.50	-24.9	-25.0	33.9	9.9	33.7	10.5	33.6	11.2	33.6	11.5	33.5	11.9	33.4	12.5
		-22.8	-23.0	35.2	10.2	35.1	10.8	35.0	11.4	34.9	11.7	34.9	12.0	34.8	12.7
		-21.8	-22.0	35.9	10.3	35.8	10.9	35.7	11.5	35.6	11.8	35.6	12.1	35.4	12.7
		-20.8	-21.0	36.6	10.4	36.5	11.0	36.4	11.6	36.3	11.9	36.3	12.2	36.2	12.8
		-19.8	-20.0	37.3	10.6	37.2	11.2	37.1	11.7	37.1	12.0	37.0	12.3	36.9	12.9
		-18.8	-19.0	38.1	10.7	38.0	11.3	37.9	11.9	37.8	12.2	37.7	12.4	37.6	13.0
		-16.7	-17.0	39.6	11.1	39.5	11.6	39.4	12.1	39.3	12.4	39.3	12.7	39.2	13.2
		-13.7	-15.0	41.2	11.4	41.1	11.9	41.0	12.4	40.9	12.7	40.9	12.9	40.8	13.4
		-11.8	-13.0	42.9	11.8	42.8	12.3	42.7	12.8	42.6	13.0	42.6	13.2	42.5	13.7
		-9.8	-11.0	44.7	12.2	44.6	12.6	44.5	13.1	44.4	13.4	44.4	13.6	44.2	14.1
		-9.5	-10.0	45.6	12.4	45.5	12.9	45.4	13.3	45.3	13.6	45.3	13.8	45.2	14.2
		-8.5	-9.1	46.5	12.6	46.4	13.0	46.2	13.5	46.2	13.7	46.1	14.0	46.0	14.4
		-7.0	-7.6	47.9	12.9	47.8	13.4	47.7	13.8	47.6	14.1	47.6	14.3	47.5	14.7
		-4.4	-5.0	50.6	13.6	50.5	14.0	50.4	14.5	50.3	14.7	50.3	14.9	50.2	15.3
		-3.0	-3.7	52.0	14.1	51.9	14.5	51.8	14.9	51.7	15.2	51.7	15.4	51.6	15.8
		0.0	-0.7	55.5	15.1	55.4	15.6	55.2	16.0	55.2	16.2	55.1	16.4	55.0	16.8
		3.0	2.2	59.1	15.9	59.0	16.3	58.8	16.7	58.8	16.9	58.7	17.1	58.6	16.6
		5.0	4.0	61.5	16.3	61.3	16.7	61.2	17.1	61.2	17.3	60.8	17.4	56.6	16.0
		7.0	6.0	56.0	13.3	55.9	13.6	55.8	14.0	55.7	14.1	55.6	14.3	55.5	14.7
		9.0	7.9	58.7	13.6	58.6	13.9	58.5	14.2	58.5	14.4	58.4	14.6	56.6	14.2
		11.0	9.8	61.6	13.8	61.5	14.2	61.4	14.5	61.3	14.6	60.8	14.6	56.6	13.4
		13.0	11.8	64.8	14.1	64.6	14.4	64.5	14.7	62.9	14.3	60.8	13.7	56.6	12.6
		15.0	13.7	67.9	14.4	67.8	14.7	65.0	14.0	62.9	13.5	60.8	13.0	56.6	11.9
120	54.00	-24.9	-25.0	33.7	10.8	33.6	11.4	33.5	12.0	33.4	12.3	33.4	12.6	33.3	13.2
		-22.8	-23.0	35.1	11.0	35.0	11.6	34.8	12.2	34.8	12.5	34.7	12.7	34.6	13.3
		-21.8	-22.0	35.8	11.1	35.6	11.7	35.5	12.2	35.5	12.5	35.4	12.8	35.3	13.4
		-20.8	-21.0	36.5	11.2	36.4	11.8	36.3	12.3	36.2	12.6	36.1	12.9	36.0	13.4
		-19.8	-20.0	37.2	11.4	37.1	11.9	37.0	12.4	36.9	12.7	36.9	13.0	36.8	13.5
		-18.8	-19.0	37.9	11.5	37.8	12.0	37.7	12.5	37.7	12.8	37.6	13.1	37.5	13.6
		-16.7	-17.0	39.5	11.8	39.4	12.3	39.3	12.8	39.2	13.0	39.1	13.3	39.0	13.8
		-13.7	-15.0	41.1	12.1	41.0	12.6	40.9	13.0	40.8	13.3	40.8	13.5	40.7	14.0
		-11.8	-13.0	42.8	12.4	42.7	12.9	42.6	13.3	42.5	13.6	42.4	13.8	42.3	14.2
		-9.8	-11.0	44.5	12.8	44.4	13.3	44.3	13.7	44.3	13.9	44.2	14.1	44.1	14.6
		-9.5	-10.0	45.5	13.0	45.4	13.4	45.3	13.9	45.2	14.1	45.1	14.3	45.0	14.7
		-8.5	-9.1	46.3	13.2	46.2	13.6	46.1	14.1	46.1	14.3	46.0	14.5	45.9	14.9
		-7.0	-7.6	47.8	13.5	47.7	14.0	47.6	14.4	47.5	14.6	47.5	14.8	47.4	15.2
		-4.4	-5.0	50.5	14.2	50.4	14.6	50.2	15.0	50.2	15.2	50.1	15.4	50.0	15.8
		-3.0	-3.7	51.9	14.7	51.8	15.1	51.7	15.4	51.6	15.7	51.6	15.9	51.4	16.2
		0.0	-0.7	55.3	15.7	55.2	16.1	55.1	16.5	55.1	16.6	55.0	16.8	52.3	16.0
		3.0	2.2	58.9	16.5	58.8	16.8	58.7	17.2	58.1	17.1	56.1	16.4	52.3	15.1
		5.0	4.0	61.3	16.8	61.2	17.2	60.0	17.1	58.1	16.4	56.1	15.8	52.3	14.5
		7.0	6.0	55.8	13.7	55.7	14.1	55.6	14.4	55.6	14.5	55.5	14.7	52.3	13.7
		9.0	7.9	58.6	14.0	58.5	14.3	58.4	14.6	58.1	14.7	56.1	14.1	52.3	12.9
		11.0	9.8	61.5	14.3	61.3	14.6	60.0	14.4	58.1	13.8	56.1	13.3	52.3	12.2
		13.0	11.8	64.6	14.5	63.9	14.6	60.0	13.5	58.1	13.0	56.1	12.5	52.3	11.5
		15.0	13.7	67.7	14.8	63.9	13.7	60.0	12.8	58.1	12.3	56.1	11.8	52.3	10.9
110	49.50	-24.9	-25.0	33.5	11.7	33.5	12.2	33.4	12.8	33.3	13.1	33.3	13.4	33.2	13.9
		-22.8	-23.0	34.9	11.9	34.8	12.4	34.7	12.9	34.7	13.2	34.6	13.4	34.5	14.0
		-21.8	-22.0	35.6	11.9	35.5	12.5	35.4	13.0	35.4	13.2	35.3	13.5	35.2	14.0
		-20.8	-21.0	36.3	12.0	36.2	12.5	36.1	13.1	36.1	13.3	36.0	13.6	35.9	14.1
		-19.8	-20.0	37.0	12.2	36.9	12.6	36.8	13.1	36.8	13.4	36.7	13.6	36.6	14.1
		-18.8	-19.0	37.8	12.3	37.7	12.7	37.6	13.2	37.5	13.5	37.5	13.7	37.4	14.2
		-16.7	-17.0	39.3	12.5	39.2	13.0	39.1	13.4	39.1	13.6	39.0	13.9	38.9	14.3
		-13.7	-15.0	40.9	12.8	40.8	13.2	40.7	13.6	40.7	13.9	40.6	14.1	40.5	14.5
		-11.8	-13.0	42.6	13.1	42.5	13.5	42.4	13.9	42.4	14.1	42.3	14.3	42.2	14.8
		-9.8	-11.0	44.4	13.5	44.3	13.9	44.2	14.2	44.1	14.4	44.1	14.6	44.0	15.0
		-9.5	-10.0	45.3	13.6	45.2	14.0	45.1	14.4	45.1	14.6	45.0	14.8	44.9	15.2
		-8.5	-9.1	46.2	13.8	46.1	14.2	46.0	14.6	45.9	14.8	45.9	15.0	45.8	15.4
		-7.0	-7.6	47.6	14.1	47.5	14.5	47.4	14.9	47.4	15.1	47.3	15.3	47.2	15.7
		-4.4	-5.0	50.3	14.8	50.2	15.1	50.1	15.5	50.1	15.7	50.0	15.8	47.9	15.2
		-3.0	-3.7	51.7	15.3	51.6	15.6	51.5	15.9	51.5	16.2	51.4	16.3	47.9	15.0
		0.0	-0.7	55.2	16.3	55.1	16.6	55.0	16.9	53.2	16.3	51.5	15.7	47.9	14.4
		3.0	2.2	58.8	17.0	58.5	17.3	55.0	16.1	53.2	15.5	51.5	14.9	47.9	13.7
		5.0	4.0	61.1	17.4	58.5	16.6	55.0	15.4	53.2	14.8	51.5	14.3	47.9	13.2
		7.0	6.0	55.7	14.2	55.6	14.5	55.0	14.6	53.2	14.0	51.5	13.5	47.9	12.4
		9.0	7.9	58.4	14.5	58.3	14.7	55.0	13.7	53.2	13.2	51.5	12.7	47.9	11.7
		11.0	9.8	61.3	14.7	58.5	14.0	55.0	12.9	53.2	12.5	51.5	12.0	47.9	11.0
		13.0	11.8	62.1	14.1	58.5	13.1	55.0	12.2	53.2	11.7	51.5	11.3	47.9	10.4
		15.0	13.7	62.1	13.3	58.5	12.4	55.0	11.5	53.2	11.1	51.5	10.7	47.9	9.8

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5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ16PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	45.00	-24.9	-25.0	33.4	12.6	33.3	13.1	33.2	13.6	33.2	13.8	33.1	14.1	33.0	14.6
		-22.8	-23.0	34.7	12.7	34.7	13.2	34.6	13.7	34.5	13.9	34.5	14.1	34.4	14.6
		-21.8	-22.0	35.4	12.8	35.4	13.2	35.3	13.7	35.2	13.9	35.2	14.2	35.1	14.6
		-20.8	-21.0	36.2	12.8	36.1	13.3	36.0	13.8	35.9	14.0	35.9	14.2	35.8	14.7
		-19.8	-20.0	36.9	12.9	36.8	13.4	36.7	13.8	36.7	14.0	36.6	14.3	36.5	14.7
		-18.8	-19.0	37.6	13.0	37.5	13.5	37.4	13.9	37.4	14.1	37.4	14.3	37.3	14.8
		-16.7	-17.0	39.2	13.2	39.1	13.6	39.0	14.1	38.9	14.3	38.9	14.5	38.8	14.9
		-13.7	-15.0	40.8	13.5	40.7	13.9	40.6	14.3	40.5	14.5	40.5	14.7	40.4	15.0
		-11.8	-13.0	42.5	13.8	42.4	14.1	42.3	14.5	42.2	14.7	42.2	14.9	42.1	15.3
		-9.8	-11.0	44.2	14.1	44.1	14.5	44.1	14.8	44.0	15.0	44.0	15.2	43.6	15.4
		-9.5	-10.0	45.2	14.3	45.1	14.6	45.0	15.0	44.9	15.2	44.9	15.3	43.6	15.0
		-8.5	-9.1	46.0	14.4	45.9	14.8	45.8	15.1	45.8	15.3	45.7	15.5	43.6	14.8
		-7.0	-7.6	47.5	14.7	47.4	15.1	47.3	15.4	47.3	15.6	46.8	15.6	43.6	14.3
		-4.4	-5.0	50.2	15.3	50.1	15.7	50.0	16.0	48.4	15.4	46.8	14.8	43.6	13.6
		-3.0	-3.7	51.6	15.8	51.5	16.2	50.0	15.8	48.4	15.2	46.8	14.6	43.6	13.5
		0.0	-0.7	55.0	16.8	53.2	16.3	50.0	15.2	48.4	14.6	46.8	14.0	43.6	13.0
		3.0	2.2	56.4	16.5	53.2	15.4	50.0	14.4	48.4	13.8	46.8	13.3	43.6	12.3
		5.0	4.0	56.4	15.9	53.2	14.8	50.0	13.8	48.4	13.3	46.8	12.8	43.6	11.8
		7.0	6.0	55.5	14.7	53.2	14.0	50.0	13.0	48.4	12.5	46.8	12.0	43.6	11.1
		9.0	7.9	56.4	14.2	53.2	13.2	50.0	12.3	48.4	11.8	46.8	11.3	43.6	10.4
		11.0	9.8	56.4	13.4	53.2	12.4	50.0	11.6	48.4	11.1	46.8	10.7	43.6	9.9
		13.0	11.8	56.4	12.6	53.2	11.7	50.0	10.9	48.4	10.5	46.8	10.1	43.6	9.3
		15.0	13.7	56.4	11.9	53.2	11.1	50.0	10.3	48.4	9.9	46.8	9.6	43.6	8.8
90	40.50	-24.9	-25.0	33.2	13.5	33.2	13.9	33.1	14.4	33.0	14.6	33.0	14.8	32.9	15.3
		-22.8	-23.0	34.6	13.5	34.5	14.0	34.4	14.4	34.4	14.6	34.4	14.8	34.3	15.3
		-21.8	-22.0	35.3	13.6	35.2	14.0	35.1	14.4	35.1	14.6	35.1	14.9	35.0	15.3
		-20.8	-21.0	36.0	13.6	35.9	14.1	35.8	14.5	35.8	14.7	35.8	14.9	35.7	15.3
		-19.8	-20.0	36.7	13.7	36.6	14.1	36.6	14.5	36.5	14.7	36.5	14.9	36.4	15.3
		-18.8	-19.0	37.5	13.8	37.4	14.2	37.3	14.6	37.3	14.8	37.2	14.9	37.2	15.3
		-16.7	-17.0	39.0	14.0	38.9	14.3	38.8	14.7	38.8	14.9	38.8	15.1	38.7	15.4
		-13.7	-15.0	40.6	14.2	40.5	14.5	40.5	14.9	40.4	15.1	40.4	15.2	39.2	14.9
		-11.8	-13.0	42.3	14.4	42.2	14.8	42.1	15.1	42.1	15.3	42.1	15.4	39.2	14.2
		-9.8	-11.0	44.1	14.7	44.0	15.1	43.9	15.4	43.6	15.4	42.1	14.8	39.2	13.6
		-9.5	-10.0	45.0	14.9	44.9	15.2	44.8	15.5	43.6	15.0	42.1	14.4	39.2	13.3
		-8.5	-9.1	45.9	15.1	45.8	15.4	45.0	15.3	43.6	14.7	42.1	14.2	39.2	13.0
		-7.0	-7.6	47.3	15.3	47.2	15.7	45.0	14.9	43.6	14.3	42.1	13.7	39.2	12.7
		-4.4	-5.0	50.0	15.9	47.9	15.2	45.0	14.1	43.6	13.6	42.1	13.1	39.2	12.1
		-3.0	-3.7	50.8	16.1	47.9	15.0	45.0	13.9	43.6	13.5	42.1	12.9	39.2	11.9
		0.0	-0.7	50.8	15.4	47.9	14.4	45.0	13.4	43.6	12.9	42.1	12.5	39.2	11.5
		3.0	2.2	50.8	14.6	47.9	13.7	45.0	12.8	43.6	12.3	42.1	11.9	39.2	11.0
		5.0	4.0	50.8	14.1	47.9	13.2	45.0	12.3	43.6	11.8	42.1	11.4	39.2	10.6
		7.0	6.0	50.8	13.2	47.9	12.4	45.0	11.5	43.6	11.1	42.1	10.6	39.2	9.8
		9.0	7.9	50.8	12.5	47.9	11.7	45.0	10.8	43.6	10.4	42.1	10.1	39.2	9.3
		11.0	9.8	50.8	11.8	47.9	11.0	45.0	10.3	43.6	9.9	42.1	9.5	39.2	8.8
		13.0	11.8	50.8	11.1	47.9	10.4	45.0	9.7	43.6	9.3	42.1	9.0	39.2	8.32
		15.0	13.7	50.8	10.5	47.9	9.8	45.0	9.2	43.6	8.8	42.1	8.52	39.2	7.90
80	36.00	-24.9	-25.0	33.1	14.4	33.0	14.8	32.9	15.2	32.9	15.4	32.9	15.6	32.8	16.0
		-22.8	-23.0	34.4	14.4	34.4	14.8	34.3	15.2	34.3	15.4	34.2	15.5	34.2	15.9
		-21.8	-22.0	35.1	14.4	35.1	14.8	35.0	15.2	35.0	15.4	34.9	15.5	34.9	15.9
		-20.8	-21.0	35.8	14.4	35.8	14.8	35.7	15.2	35.7	15.4	35.6	15.5	34.9	15.4
		-19.8	-20.0	36.6	14.5	36.5	14.8	36.4	15.2	36.4	15.4	36.4	15.6	34.9	15.0
		-18.8	-19.0	37.3	14.5	37.2	14.9	37.2	15.2	37.1	15.4	37.1	15.6	34.9	14.5
		-16.7	-17.0	38.8	14.7	38.8	15.0	38.7	15.3	38.7	15.5	37.4	14.9	34.9	13.7
		-13.7	-15.0	40.5	14.9	40.4	15.2	40.0	15.3	38.7	14.7	37.4	14.1	34.9	13.0
		-11.8	-13.0	42.1	15.1	42.1	15.4	40.0	14.6	38.7	14.0	37.4	13.5	34.9	12.4
		-9.8	-11.0	43.9	15.4	42.6	15.0	40.0	13.9	38.7	13.4	37.4	12.9	34.9	11.9
		-9.5	-10.0	44.8	15.5	42.6	14.6	40.0	13.6	38.7	13.1	37.4	12.6	34.9	11.6
		-8.5	-9.1	45.1	15.4	42.6	14.4	40.0	13.3	38.7	12.9	37.4	12.4	34.9	11.4
		-7.0	-7.6	45.1	14.9	42.6	13.9	40.0	13.0	38.7	12.5	37.4	12.0	34.9	11.1
		-4.4	-5.0	45.1	14.2	42.6	13.3	40.0	12.4	38.7	11.9	37.4	11.5	34.9	10.6
		-3.0	-3.7	45.1	14.0	42.6	13.1	40.0	12.2	38.7	11.8	37.4	11.3	34.9	10.5
		0.0	-0.7	45.1	13.5	42.6	12.6	40.0	11.8	38.7	11.4	37.4	10.9	34.9	10.1
		3.0	2.2	45.1	12.8	42.6	12.0	40.0	11.2	38.7	10.8	37.4	10.4	34.9	9.7
		5.0	4.0	45.1	12.3	42.6	11.6	40.0	10.8	38.7	10.4	37.4	10.1	34.9	9.3
		7.0	6.0	45.1	11.5	42.6	10.8	40.0	10.0	38.7	9.7	37.4	9.3	34.9	8.6
		9.0	7.9	45.1	10.9	42.6	10.2	40.0	9.5	38.7	9.2	37.4	8.8	34.9	8.16
		11.0	9.8	45.1	10.3	42.6	9.6	40.0	9.0	38.7	8.7	37.4	8.36	34.9	7.74
		13.0	11.8	45.1	9.7	42.6	9.1	40.0	8.50	38.7	8.20	37.4	7.91	34.9	7.34
		15.0	13.7	45.1	9.2	42.6	8.63	40.0	8.06	38.7	7.79	37.4	7.52	34.9	6.98

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5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ16PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	31.50	-24.9	-25.0	32.9	15.3	32.9	15.6	32.8	16.0	32.8	16.2	32.7	16.3	30.5	15.0
		-22.8	-23.0	34.3	15.2	34.2	15.6	34.2	15.9	33.9	15.9	32.8	15.3	30.5	14.1
		-21.8	-22.0	35.0	15.2	34.9	15.6	34.9	15.9	33.9	15.4	32.8	14.8	30.5	13.6
		-20.8	-21.0	35.7	15.2	35.6	15.6	35.0	15.5	33.9	14.9	32.8	14.3	30.5	13.2
		-19.8	-20.0	36.4	15.3	36.4	15.6	35.0	15.0	33.9	14.5	32.8	13.9	30.5	12.8
		-18.8	-19.0	37.2	15.3	37.1	15.6	35.0	14.6	33.9	14.0	32.8	13.5	30.5	12.4
		-16.7	-17.0	38.7	15.4	37.2	14.8	35.0	13.8	33.9	13.3	32.8	12.8	30.5	11.8
		-13.7	-15.0	39.5	15.1	37.2	14.1	35.0	13.1	33.9	12.6	32.8	12.1	30.5	11.2
		-11.8	-13.0	39.5	14.3	37.2	13.4	35.0	12.5	33.9	12.0	32.8	11.6	30.5	10.7
		-9.8	-11.0	39.5	13.7	37.2	12.8	35.0	11.9	33.9	11.5	32.8	11.1	30.5	10.2
		-9.5	-10.0	39.5	13.4	37.2	12.5	35.0	11.7	33.9	11.3	32.8	10.8	30.5	10.0
		-8.5	-9.1	39.5	13.2	37.2	12.3	35.0	11.5	33.9	11.1	32.8	10.7	30.5	9.9
		-7.0	-7.6	39.5	12.8	37.2	11.9	35.0	11.1	33.9	10.8	32.8	10.4	30.5	9.6
		-4.4	-5.0	39.5	12.2	37.2	11.4	35.0	10.6	33.9	10.3	32.8	9.9	30.5	9.2
		-3.0	-3.7	39.5	12.0	37.2	11.3	35.0	10.5	33.9	10.2	32.8	9.8	30.5	9.1
		0.0	-0.7	39.5	11.6	37.2	10.9	35.0	10.2	33.9	9.8	32.8	9.5	30.5	8.8
		3.0	2.2	39.5	11.1	37.2	10.4	35.0	9.7	33.9	9.4	32.8	9.1	30.5	8.4
		5.0	4.0	39.5	10.7	37.2	10.0	35.0	9.4	33.9	9.1	32.8	8.8	30.5	8.2
		7.0	6.0	39.5	9.9	37.2	9.3	35.0	8.6	33.9	8.35	32.8	8.05	30.5	7.46
		9.0	7.9	39.5	9.4	37.2	8.8	35.0	8.20	33.9	7.92	32.8	7.64	30.5	7.09
		11.0	9.8	39.5	8.9	37.2	8.31	35.0	7.78	33.9	7.51	32.8	7.25	30.5	6.74
60	27.00	13.0	11.8	39.5	8.38	37.2	7.87	35.0	7.37	33.9	7.12	32.8	6.88	30.5	6.40
		15.0	13.7	39.5	7.96	37.2	7.48	35.0	7.01	33.9	6.78	32.8	6.55	30.5	6.10
		-24.9	-25.0	32.8	16.2	31.9	15.9	30.0	14.7	29.0	14.2	28.1	13.6	26.1	12.6
		-22.8	-23.0	33.9	15.9	31.9	14.8	30.0	13.8	29.0	13.3	28.1	12.8	26.1	11.8
		-21.8	-22.0	33.9	15.4	31.9	14.4	30.0	13.4	29.0	12.9	28.1	12.4	26.1	11.4
		-20.8	-21.0	33.9	14.9	31.9	13.9	30.0	12.9	29.0	12.5	28.1	12.0	26.1	11.1
		-19.8	-20.0	33.9	14.5	31.9	13.5	30.0	12.6	29.0	12.1	28.1	11.7	26.1	10.8
		-18.8	-19.0	33.9	14.0	31.9	13.1	30.0	12.2	29.0	11.8	28.1	11.3	26.1	10.5
		-16.7	-17.0	33.9	13.3	31.9	12.4	30.0	11.6	29.0	11.1	28.1	10.7	26.1	9.9
		-13.7	-15.0	33.9	12.6	31.9	11.8	30.0	11.0	29.0	10.6	28.1	10.2	26.1	9.5
		-11.8	-13.0	33.9	12.0	31.9	11.2	30.0	10.5	29.0	10.1	28.1	9.8	26.1	9.0
		-9.8	-11.0	33.9	11.5	31.9	10.8	30.0	10.1	29.0	9.7	28.1	9.4	26.1	8.7
		-9.5	-10.0	33.9	11.3	31.9	10.5	30.0	9.9	29.0	9.5	28.1	9.2	26.1	8.5
		-8.5	-9.1	33.9	11.1	31.9	10.4	30.0	9.7	29.0	9.4	28.1	9.0	26.1	8.4
		-7.0	-7.6	33.9	10.7	31.9	10.1	30.0	9.4	29.0	9.1	28.1	8.8	26.1	8.2
		-4.4	-5.0	33.9	10.3	31.9	9.6	30.0	9.0	29.0	8.7	28.1	8.4	26.1	7.8
		-3.0	-3.7	33.9	10.2	31.9	9.6	30.0	8.9	29.0	8.7	28.1	8.4	26.1	7.8
		0.0	-0.7	33.9	9.8	31.9	9.3	30.0	8.7	29.0	8.4	28.1	8.1	26.1	7.6
		3.0	2.2	33.9	9.4	31.9	8.8	30.0	8.3	29.0	8.0	28.1	7.8	26.1	7.26
		5.0	4.0	33.9	9.1	31.9	8.5	30.0	8.0	29.0	7.8	28.1	7.53	26.1	7.03
50	22.50	7.0	6.0	33.9	8.34	31.9	7.83	30.0	7.34	29.0	7.09	28.1	6.85	26.1	6.37
		9.0	7.9	33.9	7.91	31.9	7.43	30.0	6.97	29.0	6.74	28.1	6.51	26.1	6.06
		11.0	9.8	33.9	7.51	31.9	7.06	30.0	6.63	29.0	6.41	28.1	6.20	26.1	5.78
		13.0	11.8	33.9	7.12	31.9	6.70	30.0	6.29	29.0	6.09	28.1	5.89	26.1	5.50
		15.0	13.7	33.9	6.77	31.9	6.38	30.0	6.00	29.0	5.81	28.1	5.62	26.1	5.25
		-24.9	-25.0	28.2	13.7	26.6	12.8	25.0	12.0	24.2	11.5	23.4	11.1	21.8	10.3
		-22.8	-23.0	28.2	12.8	26.6	12.0	25.0	11.2	24.2	10.8	23.4	10.4	21.8	9.7
		-21.8	-22.0	28.2	12.5	26.6	11.7	25.0	10.9	24.2	10.5	23.4	10.1	21.8	9.4
		-20.8	-21.0	28.2	12.1	26.6	11.3	25.0	10.6	24.2	10.2	23.4	9.8	21.8	9.1
		-19.8	-20.0	28.2	11.7	26.6	11.0	25.0	10.3	24.2	9.9	23.4	9.6	21.8	8.9
		-18.8	-19.0	28.2	11.4	26.6	10.7	25.0	10.0	24.2	9.6	23.4	9.3	21.8	8.6
		-16.7	-17.0	28.2	10.8	26.6	10.1	25.0	9.5	24.2	9.1	23.4	8.8	21.8	8.20
		-13.7	-15.0	28.2	10.3	26.6	9.6	25.0	9.0	24.2	8.7	23.4	8.4	21.8	7.83
		-11.8	-13.0	28.2	9.8	26.6	9.2	25.0	8.6	24.2	8.3	23.4	8.06	21.8	7.50
		-9.8	-11.0	28.2	9.4	26.6	8.8	25.0	8.3	24.2	8.0	23.4	7.75	21.8	7.22
		-9.5	-10.0	28.2	9.2	26.6	8.7	25.0	8.1	24.2	7.87	23.4	7.61	21.8	7.09
		-8.5	-9.1	28.2	9.1	26.6	8.5	25.0	8.0	24.2	7.75	23.4	7.49	21.8	6.98
		-7.0	-7.6	28.2	8.8	26.6	8.3	25.0	7.8	24.2	7.55	23.4	7.31	21.8	6.81
		-4.4	-5.0	28.2	8.5	26.6	8.0	25.0	7.50	24.2	7.26	23.4	7.03	21.8	6.56
		-3.0	-3.7	28.2	8.3	26.6	7.8	25.0	7.36	24.2	7.13	23.4	6.90	21.8	6.45
		0.0	-0.7	28.2	7.98	26.6	7.52	25.0	7.08	24.2	6.86	23.4	6.65	21.8	6.22
		3.0	2.2	28.2	7.68	26.6	7.26	25.0	6.84	24.2	6.63	23.4	6.43	21.8	6.02
		5.0	4.0	28.2	7.51	26.6	7.10	25.0	6.70	24.2	6.50	23.4	6.30	21.8	5.90
		7.0	6.0	28.2	6.88	26.6	6.48	25.0	6.09	24.2	5.90	23.4	5.71	21.8	5.33
		9.0	7.9	28.2	6.54	26.6	6.17	25.0	5.80	24.2	5.62	23.4	5.44	21.8	5.08
		11.0	9.8	28.2	6.23	26.6	5.88	25.0	5.53	24.2	5.36	23.4	5.19	21.8	4.86
		13.0	11.8	28.2	5.92	26.6	5.59	25.0	5.27	24.2	5.11	23.4	4.95	21.8	4.63
		15.0	13.7	28.2	5.65	26.6	5.34	25.0	5.03	24.2	4.88	23.4	4.73	21.8	4.44

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .

dient als Verweis. Vermeiden Sie bei der Auswahl der Gerätemodelle den als  markierten Temperaturbereich der Außenluft.

Η είναι ενδεικτική. κατά την επιλογή των μοντέλων των μονάδων, αποφύγετε το εύρος θερμοκρασίας εξωτερικού αέρα που υποδεικνύεται.

se muestra como referencia. Cuando seleccione los modelos de unidad, evite el intervalo de temperaturas del aire exterior indicado mediante .

est montré comme référence. Lors du choix des modèles d'unités, évitez la plage de températures de l'air extérieur illustré par .

valori riportati unicamente come riferimento. Nel selezionare i modelli delle unità, non considerare i valori di temperatura dell'aria esterna indicati con il colore .

is als referentie getoond. Wanneer modellen van eenheden worden gekozen, vermijd dan het bereik van buitenluchttemperaturen geïllustreerd door .

показан как. При выборе модели устройства избегайте внешнюю температуру воздуха, указанную в .

referans olarak gösterilmektedir. Ünite modellerini seçerken, belirtilen Dış hava sıcaklığı aralığından kaçınınız .
- The above table shows the average value of conditions which may occur.

Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.

Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.

La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.

De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.

Таблица расположенная выше показывает среднее значение условий, которые могут наступить.

Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ20PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	72.80	-24.9	-25.0	41.7	11.6	41.6	12.4	41.5	13.2	41.4	13.6	41.3	14.1	41.2	14.9
		-22.8	-23.0	43.5	11.9	43.4	12.7	43.2	13.5	43.2	13.9	43.1	14.2	43.0	15.0
		-21.8	-22.0	44.5	12.1	44.3	12.8	44.2	13.6	44.1	14.0	44.0	14.3	43.9	15.1
		-20.8	-21.0	45.4	12.3	45.2	13.0	45.1	13.7	45.0	14.1	45.0	14.4	44.8	15.2
		-19.8	-20.0	46.3	12.5	46.2	13.2	46.0	13.9	46.0	14.2	45.9	14.6	45.8	15.3
		-18.8	-19.0	47.3	12.7	47.2	13.3	47.0	14.0	46.9	14.4	46.9	14.7	46.7	15.4
		-16.7	-17.0	49.3	13.1	49.1	13.8	49.0	14.4	48.9	14.7	48.8	15.1	48.7	15.7
		-13.7	-15.0	51.3	13.7	51.2	14.3	51.0	14.9	51.0	15.2	50.9	15.5	50.7	16.2
		-11.8	-13.0	53.4	14.3	53.3	14.9	53.1	15.5	53.1	15.8	53.0	16.1	52.8	16.7
		-9.8	-11.0	55.6	15.0	55.4	15.6	55.3	16.2	55.2	16.5	55.1	16.8	55.0	17.4
		-9.5	-10.0	56.6	15.4	56.5	16.0	56.4	16.6	56.3	16.9	56.2	17.2	56.1	17.8
		-8.5	-9.1	57.6	15.8	57.5	16.3	57.4	16.9	57.3	17.2	57.2	17.5	57.1	18.1
		-7.0	-7.6	59.3	16.3	59.2	16.9	59.0	17.5	59.0	17.8	58.9	18.1	58.7	18.6
		-4.4	-5.0	62.3	17.3	62.1	17.8	62.0	18.4	61.9	18.7	61.8	19.0	61.7	19.5
		-3.0	-3.7	63.8	17.8	63.6	18.4	63.5	18.9	63.4	19.2	63.4	19.5	63.2	20.0
		0.0	-0.7	67.3	19.2	67.2	19.7	67.0	20.3	67.0	20.6	66.9	20.8	66.8	21.4
		3.0	2.2	70.8	19.7	70.7	20.2	70.5	20.7	70.5	21.0	70.4	21.3	70.3	21.8
		5.0	4.0	73.0	19.0	72.9	19.5	72.8	20.0	72.7	20.2	72.6	20.5	71.4	20.5
		7.0	6.0	74.8	17.4	74.7	17.8	74.5	18.2	74.4	18.4	74.4	18.6	71.4	17.9
		9.0	7.9	78.6	17.8	78.4	18.2	78.3	18.6	78.2	18.8	76.6	18.4	71.4	16.8
		11.0	9.8	82.5	18.1	82.4	18.5	81.9	18.8	79.3	18.0	76.6	17.3	71.4	15.9
		13.0	11.8	86.9	18.5	86.8	18.8	81.9	17.6	79.3	16.9	76.6	16.2	71.4	14.9
		15.0	13.7	91.2	18.8	87.2	17.9	81.9	16.6	79.3	15.9	76.6	15.3	71.4	14.0
120	67.20	-24.9	-25.0	41.5	12.7	41.4	13.5	41.3	14.2	41.2	14.6	41.2	15.0	41.0	15.7
		-22.8	-23.0	43.3	13.0	43.2	13.7	43.1	14.4	43.0	14.7	42.9	15.1	42.8	15.8
		-21.8	-22.0	44.3	13.1	44.1	13.8	44.0	14.5	43.9	14.8	43.9	15.2	43.7	15.8
		-20.8	-21.0	45.2	13.2	45.1	13.9	44.9	14.6	44.9	14.9	44.8	15.2	44.7	15.9
		-19.8	-20.0	46.1	13.4	46.0	14.0	45.9	14.7	45.8	15.0	45.7	15.3	45.6	16.0
		-18.8	-19.0	47.1	13.6	47.0	14.2	46.8	14.8	46.8	15.1	46.7	15.5	46.6	16.1
		-16.7	-17.0	49.1	14.0	49.0	14.6	48.8	15.2	48.8	15.5	48.7	15.8	48.6	16.4
		-13.7	-15.0	51.1	14.5	51.0	15.1	50.9	15.7	50.8	15.9	50.7	16.2	50.6	16.8
		-11.8	-13.0	53.2	15.1	53.1	15.7	52.9	16.2	52.9	16.5	52.8	16.8	52.7	17.4
		-9.8	-11.0	55.4	15.8	55.2	16.4	55.1	16.9	55.0	17.2	55.0	17.5	54.8	18.0
		-9.5	-10.0	56.5	16.2	56.3	16.7	56.2	17.3	56.1	17.6	56.1	17.8	55.9	18.4
		-8.5	-9.1	57.4	16.5	57.3	17.1	57.2	17.6	57.1	17.9	57.0	18.2	56.9	18.7
		-7.0	-7.6	59.1	17.1	59.0	17.7	58.9	18.2	58.8	18.5	58.7	18.7	58.6	19.3
		-4.4	-5.0	62.1	18.0	62.0	18.5	61.8	19.1	61.8	19.3	61.7	19.6	61.6	20.1
		-3.0	-3.7	63.6	18.5	63.5	19.1	63.3	19.5	63.3	19.8	63.2	20.1	63.1	20.6
		0.0	-0.7	67.1	19.9	67.0	20.4	66.9	20.9	66.8	21.2	66.7	21.4	65.9	21.6
		3.0	2.2	70.6	20.4	70.5	20.9	70.4	21.4	70.3	21.6	70.2	21.9	65.9	20.3
		5.0	4.0	72.9	19.7	72.7	20.1	72.6	20.6	72.5	20.8	70.7	20.3	65.9	18.6
		7.0	6.0	74.6	18.0	74.5	18.3	74.3	18.7	73.2	18.5	70.7	17.7	65.9	16.3
		9.0	7.9	78.4	18.3	78.3	18.7	75.6	18.1	73.2	17.4	70.7	16.7	65.9	15.3
		11.0	9.8	82.4	18.6	80.5	18.3	75.6	17.0	73.2	16.3	70.7	15.7	65.9	14.4
		13.0	11.8	85.3	18.5	80.5	17.2	75.6	15.9	73.2	15.3	70.7	14.7	65.9	13.6
		15.0	13.7	85.3	17.4	80.5	16.2	75.6	15.0	73.2	14.5	70.7	13.9	65.9	12.8
110	61.60	-24.9	-25.0	41.4	13.8	41.2	14.5	41.1	15.2	41.1	15.5	41.0	15.9	40.9	16.6
		-22.8	-23.0	43.1	14.0	43.0	14.7	42.9	15.3	42.8	15.6	42.8	16.0	42.7	16.6
		-21.8	-22.0	44.1	14.1	43.9	14.7	43.8	15.4	43.8	15.7	43.7	16.0	43.6	16.6
		-20.8	-21.0	45.0	14.2	44.9	14.8	44.8	15.4	44.7	15.7	44.6	16.1	44.5	16.7
		-19.8	-20.0	45.9	14.3	45.8	14.9	45.7	15.5	45.6	15.8	45.6	16.1	45.5	16.7
		-18.8	-19.0	46.9	14.5	46.8	15.1	46.7	15.6	46.6	15.9	46.5	16.2	46.4	16.8
		-16.7	-17.0	48.9	14.9	48.8	15.4	48.6	16.0	48.6	16.2	48.5	16.5	48.4	17.1
		-13.7	-15.0	50.9	15.3	50.8	15.9	50.7	16.4	50.6	16.7	50.6	16.9	50.4	17.5
		-11.8	-13.0	53.0	15.9	52.9	16.4	52.8	17.0	52.7	17.2	52.7	17.5	52.5	18.0
		-9.8	-11.0	55.2	16.6	55.0	17.1	54.9	17.6	54.9	17.9	54.8	18.1	54.7	18.6
		-9.5	-10.0	56.3	17.0	56.1	17.5	56.0	18.0	56.0	18.2	55.9	18.5	55.8	19.0
		-8.5	-9.1	57.3	17.3	57.1	17.8	57.0	18.3	56.9	18.6	56.9	18.8	56.8	19.3
		-7.0	-7.6	58.9	17.9	58.8	18.4	58.7	18.9	58.6	19.1	58.6	19.4	58.4	19.9
		-4.4	-5.0	61.9	18.8	61.8	19.3	61.6	19.7	61.6	20.0	61.5	20.2	60.4	20.2
		-3.0	-3.7	63.4	19.3	63.3	19.8	63.2	20.2	63.1	20.5	63.0	20.7	60.4	19.9
		0.0	-0.7	66.9	20.7	66.8	21.1	66.7	21.6	66.6	21.8	64.8	21.2	60.4	19.5
		3.0	2.2	70.4	21.1	70.3	21.6	69.3	21.6	67.1	20.8	64.8	19.9	60.4	18.4
		5.0	4.0	72.7	20.3	72.5	20.7	69.3	19.8	67.1	19.0	64.8	18.3	60.4	16.9
		7.0	6.0	74.4	18.5	73.8	18.7	69.3	17.3	67.1	16.6	64.8	15.9	60.4	14.6
		9.0	7.9	78.2	18.8	73.8	17.5	69.3	16.3	67.1	15.6	64.8	15.0	60.4	13.8
		11.0	9.8	78.2	17.7	73.8	16.5	69.3	15.3	67.1	14.7	64.8	14.1	60.4	13.0
		13.0	11.8	78.2	16.6	73.8	15.5	69.3	14.4	67.1	13.8	64.8	13.3	60.4	12.3
		15.0	13.7	78.2	15.7	73.8	14.6	69.3	13.6	67.1	13.1	64.8	12.6	60.4	11.6

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5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ20PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	56.00	-24.9	-25.0	41.2	14.9	41.0	15.6	40.9	16.2	40.9	16.5	40.8	16.8	40.7	17.5
		-22.8	-23.0	42.9	15.0	42.8	15.6	42.7	16.2	42.7	16.5	42.6	16.8	42.5	17.4
		-21.8	-22.0	43.9	15.1	43.8	15.7	43.6	16.3	43.6	16.5	43.5	16.8	43.4	17.4
		-20.8	-21.0	44.8	15.2	44.7	15.7	44.6	16.3	44.5	16.6	44.5	16.9	44.4	17.4
		-19.8	-20.0	45.8	15.3	45.6	15.8	45.5	16.4	45.5	16.6	45.4	16.9	45.3	17.4
		-18.8	-19.0	46.7	15.4	46.6	15.9	46.5	16.5	46.4	16.7	46.4	17.0	46.3	17.5
		-16.7	-17.0	48.7	15.7	48.6	16.2	48.5	16.7	48.4	17.0	48.4	17.2	48.3	17.7
		-13.7	-15.0	50.7	16.2	50.6	16.7	50.5	17.2	50.5	17.4	50.4	17.6	50.3	18.1
		-11.8	-13.0	52.8	16.8	52.7	17.2	52.6	17.7	52.5	17.9	52.5	18.2	52.4	18.6
		-9.8	-11.0	55.0	17.4	54.9	17.9	54.7	18.3	54.7	18.6	54.6	18.8	54.5	19.3
		-9.5	-10.0	56.1	17.8	56.0	18.2	55.9	18.7	55.8	18.9	55.7	19.2	54.9	19.2
		-8.5	-9.1	57.1	18.1	56.9	18.6	56.8	19.0	56.8	19.2	56.7	19.5	54.9	19.0
		-7.0	-7.6	58.7	18.7	58.6	19.1	58.5	19.6	58.5	19.8	58.4	20.0	54.9	18.7
		-4.4	-5.0	61.7	19.5	61.6	20.0	61.5	20.4	61.0	20.4	59.0	19.6	54.9	18.0
		-3.0	-3.7	63.2	20.1	63.1	20.5	63.0	20.9	61.0	20.1	59.0	19.3	54.9	17.8
		0.0	-0.7	66.7	21.4	66.6	21.8	63.0	20.5	61.0	19.7	59.0	19.0	54.9	17.5
		3.0	2.2	70.3	21.8	67.0	20.7	63.0	19.3	61.0	18.6	59.0	17.9	54.9	16.5
		5.0	4.0	71.1	20.4	67.0	19.0	63.0	17.7	61.0	17.0	59.0	16.4	54.9	15.1
		7.0	6.0	71.1	17.8	67.0	16.6	63.0	15.4	61.0	14.8	59.0	14.2	54.9	13.1
		9.0	7.9	71.1	16.8	67.0	15.6	63.0	14.5	61.0	14.0	59.0	13.4	54.9	12.4
		11.0	9.8	71.1	15.8	67.0	14.7	63.0	13.7	61.0	13.2	59.0	12.7	54.9	11.7
		13.0	11.8	71.1	14.8	67.0	13.8	63.0	12.9	61.0	12.4	59.0	11.9	54.9	11.0
		15.0	13.7	71.1	14.0	67.0	13.1	63.0	12.2	61.0	11.7	59.0	11.3	54.9	10.4
90	50.40	-24.9	-25.0	41.0	16.0	40.9	16.6	40.8	17.2	40.7	17.5	40.7	17.7	40.6	18.3
		-22.8	-23.0	42.8	16.1	42.7	16.6	42.6	17.1	42.5	17.4	42.5	17.7	42.4	18.2
		-21.8	-22.0	43.7	16.1	43.6	16.6	43.5	17.1	43.4	17.4	43.4	17.7	43.3	18.2
		-20.8	-21.0	44.6	16.2	44.5	16.7	44.4	17.2	44.4	17.4	44.3	17.7	44.2	18.2
		-19.8	-20.0	45.6	16.2	45.5	16.7	45.4	17.2	45.3	17.5	45.3	17.7	45.2	18.2
		-18.8	-19.0	46.5	16.3	46.4	16.8	46.3	17.3	46.3	17.5	46.2	17.8	46.1	18.2
		-16.7	-17.0	48.5	16.6	48.4	17.1	48.3	17.5	48.3	17.7	48.2	18.0	48.1	18.4
		-13.7	-15.0	50.5	17.0	50.4	17.5	50.3	17.9	50.3	18.1	50.2	18.3	49.4	18.4
		-11.8	-13.0	52.6	17.6	52.5	18.0	52.4	18.4	52.4	18.6	52.3	18.8	49.4	17.7
		-9.8	-11.0	54.8	18.2	54.7	18.6	54.6	19.1	54.5	19.3	53.1	18.7	49.4	17.2
		-9.5	-10.0	55.9	18.6	55.8	19.0	55.7	19.4	54.9	19.2	53.1	18.5	49.4	17.0
		-8.5	-9.1	56.9	18.9	56.8	19.3	56.7	19.7	54.9	19.0	53.1	18.3	49.4	16.8
		-7.0	-7.6	58.5	19.5	58.4	19.9	56.7	19.4	54.9	18.7	53.1	17.9	49.4	16.5
		-4.4	-5.0	61.5	20.3	60.3	20.2	56.7	18.7	54.9	18.0	53.1	17.3	49.4	16.0
		-3.0	-3.7	63.0	20.8	60.3	19.9	56.7	18.4	54.9	17.8	53.1	17.1	49.4	15.8
		0.0	-0.7	64.0	20.9	60.3	19.5	56.7	18.1	54.9	17.5	53.1	16.8	49.4	15.5
		3.0	2.2	64.0	19.6	60.3	18.3	56.7	17.1	54.9	16.5	53.1	15.9	49.4	14.7
		5.0	4.0	64.0	18.0	60.3	16.8	56.7	15.7	54.9	15.1	53.1	14.6	49.4	13.5
		7.0	6.0	64.0	15.7	60.3	14.6	56.7	13.6	54.9	13.1	53.1	12.6	49.4	11.6
		9.0	7.9	64.0	14.8	60.3	13.8	56.7	12.8	54.9	12.4	53.1	11.9	49.4	11.0
		11.0	9.8	64.0	13.9	60.3	13.0	56.7	12.1	54.9	11.7	53.1	11.2	49.4	10.4
		13.0	11.8	64.0	13.1	60.3	12.3	56.7	11.4	54.9	11.0	53.1	10.6	49.4	9.82
		15.0	13.7	64.0	12.4	60.3	11.6	56.7	10.8	54.9	10.4	53.1	10.05	49.4	9.31
80	44.80	-24.9	-25.0	40.8	17.1	40.7	17.7	40.6	18.2	40.5	18.4	40.5	18.7	40.4	19.2
		-22.8	-23.0	42.6	17.1	42.5	17.6	42.4	18.1	42.3	18.3	42.3	18.5	42.2	19.0
		-21.8	-22.0	43.5	17.1	43.4	17.6	43.3	18.0	43.3	18.3	43.2	18.5	43.1	19.0
		-20.8	-21.0	44.4	17.1	44.3	17.6	44.2	18.0	44.2	18.3	44.1	18.5	43.9	18.8
		-19.8	-20.0	45.4	17.2	45.3	17.6	45.2	18.0	45.1	18.3	45.1	18.5	43.9	18.2
		-18.8	-19.0	46.3	17.3	46.2	17.7	46.2	18.1	46.1	18.3	46.1	18.5	43.9	17.7
		-16.7	-17.0	48.3	17.5	48.2	17.9	48.1	18.3	48.1	18.5	47.2	18.2	43.9	16.7
		-13.7	-15.0	50.3	17.9	50.3	18.3	50.2	18.7	48.8	18.1	47.2	17.4	43.9	16.0
		-11.8	-13.0	52.4	18.4	52.3	18.8	50.4	18.1	48.8	17.4	47.2	16.8	43.9	15.4
		-9.8	-11.0	54.6	19.0	53.6	18.9	50.4	17.6	48.8	16.9	47.2	16.3	43.9	15.0
		-9.5	-10.0	55.7	19.4	53.6	18.7	50.4	17.4	48.8	16.7	47.2	16.1	43.9	14.8
		-8.5	-9.1	56.7	19.7	53.6	18.5	50.4	17.2	48.8	16.6	47.2	15.9	43.9	14.7
		-7.0	-7.6	56.9	19.5	53.6	18.2	50.4	16.9	48.8	16.3	47.2	15.7	43.9	14.5
		-4.4	-5.0	56.9	18.8	53.6	17.6	50.4	16.3	48.8	15.8	47.2	15.2	43.9	14.0
		-3.0	-3.7	56.9	18.6	53.6	17.3	50.4	16.1	48.8	15.6	47.2	15.0	43.9	13.9
		0.0	-0.7	56.9	18.2	53.6	17.0	50.4	15.9	48.8	15.3	47.2	14.7	43.9	13.6
		3.0	2.2	56.9	17.1	53.6	16.1	50.4	15.0	48.8	14.5	47.2	13.9	43.9	12.9
		5.0	4.0	56.9	15.8	53.6	14.8	50.4	13.8	48.8	13.3	47.2	12.8	43.9	11.9
		7.0	6.0	56.9	13.6	53.6	12.8	50.4	11.9	48.8	11.5	47.2	11.0	43.9	10.2
		9.0	7.9	56.9	12.9	53.6	12.0	50.4	11.2	48.8	10.8	47.2	10.4	43.9	9.66
		11.0	9.8	56.9	12.2	53.6	11.4	50.4	10.6	48.8	10.2	47.2	9.88	43.9	9.16
		13.0	11.8	56.9	11.5	53.6	10.7	50.4	10.03	48.8	9.68	47.2	9.34	43.9	8.67
		15.0	13.7	56.9	10.8	53.6	10.17	50.4	9.51	48.8	9.19	47.2	8.87	43.9	8.23

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5 Capacity tables

5 - 2 Heating Capacity Tables

RTSYQ20PA

TC: Total Capacity: kW; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	39.20	-24.9	-25.0	40.6	18.3	40.5	18.7	40.4	19.1	40.4	19.4	40.3	19.6	38.4	18.7
		-22.8	-23.0	42.4	18.2	42.3	18.6	42.2	19.0	42.2	19.2	41.3	18.8	38.4	17.3
		-21.8	-22.0	43.3	18.1	43.2	18.5	43.1	18.9	42.7	18.9	41.3	18.1	38.4	16.7
		-20.8	-21.0	44.2	18.1	44.1	18.5	44.1	18.9	42.7	18.2	41.3	17.5	38.4	16.1
		-19.8	-20.0	45.2	18.1	45.1	18.5	44.1	18.3	42.7	17.6	41.3	16.9	38.4	15.6
		-18.8	-19.0	46.1	18.2	46.1	18.5	44.1	17.7	42.7	17.1	41.3	16.4	38.4	15.1
		-16.7	-17.0	48.1	18.4	46.9	18.1	44.1	16.8	42.7	16.2	41.3	15.5	38.4	14.3
		-13.7	-15.0	49.8	18.5	46.9	17.3	44.1	16.1	42.7	15.5	41.3	14.9	38.4	13.7
		-11.8	-13.0	49.8	17.8	46.9	16.7	44.1	15.5	42.7	14.9	41.3	14.4	38.4	13.3
		-9.8	-11.0	49.8	17.3	46.9	16.2	44.1	15.1	42.7	14.5	41.3	14.0	38.4	12.9
		-9.5	-10.0	49.8	17.1	46.9	16.0	44.1	14.9	42.7	14.4	41.3	13.8	38.4	12.8
		-8.5	-9.1	49.8	16.9	46.9	15.8	44.1	14.8	42.7	14.2	41.3	13.7	38.4	12.7
		-7.0	-7.6	49.8	16.7	46.9	15.6	44.1	14.5	42.7	14.0	41.3	13.5	38.4	12.5
		-4.4	-5.0	49.8	16.1	46.9	15.1	44.1	14.1	42.7	13.6	41.3	13.1	38.4	12.1
		-3.0	-3.7	49.8	15.9	46.9	14.9	44.1	13.9	42.7	13.4	41.3	13.0	38.4	12.0
		0.0	-0.7	49.8	15.6	46.9	14.7	44.1	13.7	42.7	13.2	41.3	12.8	38.4	11.9
		3.0	2.2	49.8	14.8	46.9	13.9	44.1	13.0	42.7	12.5	41.3	12.1	38.4	11.2
		5.0	4.0	49.8	13.6	46.9	12.8	44.1	11.9	42.7	11.5	41.3	11.1	38.4	10.4
		7.0	6.0	49.8	11.7	46.9	11.0	44.1	10.2	42.7	9.89	41.3	9.54	38.4	8.84
		9.0	7.9	49.8	11.1	46.9	10.4	44.1	9.70	42.7	9.37	41.3	9.04	38.4	8.39
		11.0	9.8	49.8	10.5	46.9	9.83	44.1	9.20	42.7	8.88	41.3	8.57	38.4	7.97
		13.0	11.8	49.8	9.90	46.9	9.29	44.1	8.70	42.7	8.41	41.3	8.12	38.4	7.56
		15.0	13.7	49.8	9.39	46.9	8.82	44.1	8.27	42.7	8.00	41.3	7.73	38.4	7.19
60	33.60	-24.9	-25.0	40.4	19.4	40.2	19.7	37.8	18.3	36.6	17.6	35.4	16.9	32.9	15.6
		-22.8	-23.0	42.2	19.2	40.2	18.2	37.8	17.0	36.6	16.3	35.4	15.7	32.9	14.5
		-21.8	-22.0	42.7	18.8	40.2	17.6	37.8	16.4	36.6	15.7	35.4	15.2	32.9	14.0
		-20.8	-21.0	42.7	18.2	40.2	17.0	37.8	15.8	36.6	15.2	35.4	14.6	32.9	13.5
		-19.8	-20.0	42.7	17.6	40.2	16.4	37.8	15.3	36.6	14.7	35.4	14.2	32.9	13.1
		-18.8	-19.0	42.7	17.1	40.2	15.9	37.8	14.8	36.6	14.3	35.4	13.8	32.9	12.7
		-16.7	-17.0	42.7	16.2	40.2	15.1	37.8	14.1	36.6	13.6	35.4	13.1	32.9	12.1
		-13.7	-15.0	42.7	15.5	40.2	14.5	37.8	13.5	36.6	13.0	35.4	12.5	32.9	11.6
		-11.8	-13.0	42.7	14.9	40.2	14.0	37.8	13.0	36.6	12.6	35.4	12.1	32.9	11.2
		-9.8	-11.0	42.7	14.5	40.2	13.6	37.8	12.7	36.6	12.3	35.4	11.8	32.9	11.0
		-9.5	-10.0	42.7	14.4	40.2	13.5	37.8	12.6	36.6	12.1	35.4	11.7	32.9	10.9
		-8.5	-9.1	42.7	14.2	40.2	13.3	37.8	12.5	36.6	12.0	35.4	11.6	32.9	10.8
		-7.0	-7.6	42.7	14.0	40.2	13.1	37.8	12.3	36.6	11.9	35.4	11.4	32.9	10.6
		-4.4	-5.0	42.7	13.6	40.2	12.7	37.8	11.9	36.6	11.5	35.4	11.1	32.9	10.4
		-3.0	-3.7	42.7	13.4	40.2	12.6	37.8	11.8	36.6	11.4	35.4	11.0	32.9	10.3
		0.0	-0.7	42.7	13.2	40.2	12.4	37.8	11.7	36.6	11.3	35.4	10.9	32.9	10.1
		3.0	2.2	42.7	12.5	40.2	11.8	37.8	11.1	36.6	10.7	35.4	10.3	32.9	9.64
		5.0	4.0	42.7	11.5	40.2	10.9	37.8	10.2	36.6	9.9	35.4	9.54	32.9	8.90
		7.0	6.0	42.7	9.88	40.2	9.28	37.8	8.69	36.6	8.40	35.4	8.11	32.9	7.55
		9.0	7.9	42.7	9.36	40.2	8.80	37.8	8.25	36.6	7.97	35.4	7.71	32.9	7.18
		11.0	9.8	42.7	8.88	40.2	8.35	37.8	7.83	36.6	7.58	35.4	7.33	32.9	6.83
		13.0	11.8	42.7	8.41	40.2	7.91	37.8	7.43	36.6	7.19	35.4	6.96	32.9	6.49
		15.0	13.7	42.7	7.99	40.2	7.53	37.8	7.08	36.6	6.85	35.4	6.63	32.9	6.20
50	28.00	-24.9	-25.0	35.5	17.0	33.5	15.9	31.5	14.8	30.5	14.3	29.5	13.8	27.5	12.7
		-22.8	-23.0	35.5	15.8	33.5	14.8	31.5	13.8	30.5	13.3	29.5	12.8	27.5	11.9
		-21.8	-22.0	35.5	15.2	33.5	14.3	31.5	13.3	30.5	12.8	29.5	12.4	27.5	11.5
		-20.8	-21.0	35.5	14.7	33.5	13.8	31.5	12.9	30.5	12.4	29.5	12.0	27.5	11.1
		-19.8	-20.0	35.5	14.3	33.5	13.4	31.5	12.5	30.5	12.0	29.5	11.6	27.5	10.8
		-18.8	-19.0	35.5	13.8	33.5	13.0	31.5	12.1	30.5	11.7	29.5	11.3	27.5	10.5
		-16.7	-17.0	35.5	13.1	33.5	12.3	31.5	11.5	30.5	11.1	29.5	10.7	27.5	9.97
		-13.7	-15.0	35.5	12.6	33.5	11.8	31.5	11.1	30.5	10.7	29.5	10.3	27.5	9.59
		-11.8	-13.0	35.5	12.2	33.5	11.5	31.5	10.7	30.5	10.4	29.5	10.01	27.5	9.31
		-9.8	-11.0	35.5	11.9	33.5	11.2	31.5	10.5	30.5	10.1	29.5	9.79	27.5	9.11
		-9.5	-10.0	35.5	11.8	33.5	11.1	31.5	10.4	30.5	10.03	29.5	9.70	27.5	9.03
		-8.5	-9.1	35.5	11.7	33.5	11.0	31.5	10.3	30.5	9.96	29.5	9.62	27.5	8.96
		-7.0	-7.6	35.5	11.5	33.5	10.8	31.5	10.2	30.5	9.83	29.5	9.50	27.5	8.86
		-4.4	-5.0	35.5	11.2	33.5	10.5	31.5	9.90	30.5	9.58	29.5	9.26	27.5	8.65
		-3.0	-3.7	35.5	11.0	33.5	10.3	31.5	9.72	30.5	9.41	29.5	9.11	27.5	8.50
		0.0	-0.7	35.5	10.31	33.5	9.72	31.5	9.14	30.5	8.85	29.5	8.57	27.5	8.01
		3.0	2.2	35.5	9.23	33.5	8.71	31.5	8.20	30.5	7.94	29.5	7.69	27.5	7.20
		5.0	4.0	35.5	8.27	33.5	7.81	31.5	7.36	30.5	7.13	29.5	6.91	27.5	6.47
		7.0	6.0	35.5	8.15	33.5	7.68	31.5	7.22	30.5	6.99	29.5	6.76	27.5	6.31
		9.0	7.9	35.5	7.74	33.5	7.30	31.5	6.87	30.5	6.65	29.5	6.44	27.5	6.02
		11.0	9.8	35.5	7.36	33.5	6.95	31.5	6.54	30.5	6.34	29.5	6.14	27.5	5.74
		13.0	11.8	35.5	6.99	33.5	6.60	31.5	6.22	30.5	6.03	29.5	5.85	27.5	5.48
		15.0	13.7	35.5	6.66	33.5	6.30	31.5	5.94	30.5	5.76	29.5	5.59	27.5	5.24

CC08A004(3)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .

dient als Verweis. Vermeiden Sie bei der Auswahl der Gerätemodelle den als  markierten Temperaturbereich der Außenluft

Η είναι ενδεικτική. κατά την επιλογή των μοντέλων των μονάδων, αποφύγετε το εύρος θερμοκρασίας εξωτερικού αέρα που υποδεικνύεται

se muestra como referencia. Cuando seleccione los modelos de unidad, evite el intervalo de temperaturas del aire exterior indicado mediante 

est montré comme référence. Lors du choix des modèles d'unités, évitez la plage de températures de l'air extérieur illustré par 

valori riportati unicamente come riferimento. Nel selezionare i modelli delle unità, non considerare i valori di temperatura dell'aria esterna indicati con il colore 

is als referentie getoond. Wanneer modellen van eenheden worden gekozen, vermijd dan het bereik van buitenluchttemperaturen geïllustreerd door 
- показан как. При выборе модели устройства избегайте внешнюю температуру воздуха, указанную в *

referans olarak gösterilmektedir. Ünite modellerini seçerken, belirtilen Dış hava sıcaklığı aralığından kaçınınız 

The above table shows the average value of conditions which may occur.

Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.

Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.

La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.

Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.

La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.

De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.

Таблица расположенная выше показывает среднее значение условий, которые могут наступить.

Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 3 Integrated Heating Capacity Correction Factor

RTSYQ-PA

INTEGRATED HEATING CAPACITY COEFFICIENT

The heating capacity tables do not take account of the reduction in capacity, when frost has accumulated or while the defrosting operation is in progress. The capacity values, which take these factors into account, in other words, the integrated heating capacity values, can be calculated as follows:

Formula:

Integrated heating capacity = A

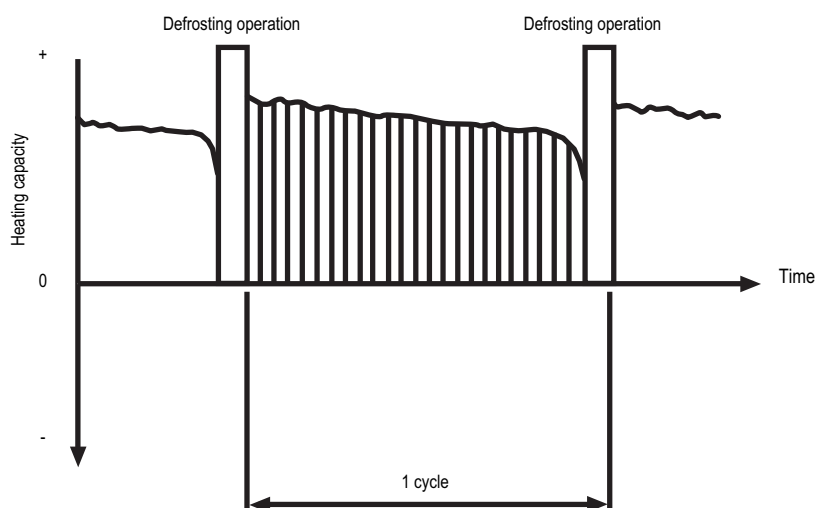
Value given in table of capacity characteristics = B

Integrated correction factor for frost accumulation = C

$A = B \times C$

Integrating correction factor for finding integrated heating capacity

Outdoor Temperature °CDB (°CWB)	-7 (-7.6) or less	-5 (-5.6)	-3 (-3.7)	0 (-0.7)	3 (2.2)	5	7 (6.0)
Correction factor defrost	0.95	0.93	0.88	0.85	0.86	0.90	1.00



3TW27232-7

NOTE

- The figure shows that the integrated heating capacity expresses the integrated capacity for a single cycle (from defrost operation to defrost operation) in terms of time.

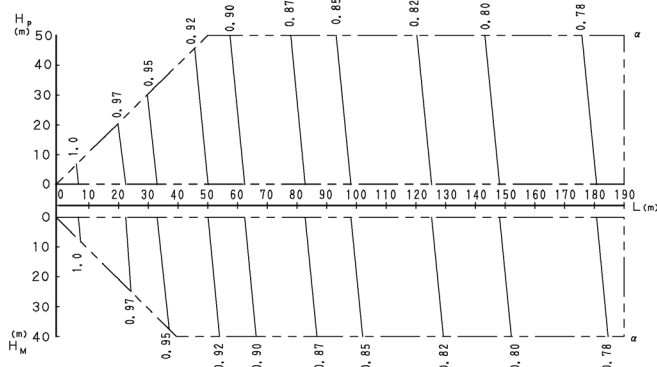
Please note that, when there is an accumulation of snow against the outside surface of the outdoor unit heat exchanger, there will always be a temporary reduction in capacity, although this will of course vary in degree in accordance with a number of other factors, such as the outdoor temperature (°CDB), relative humidity (RH) and the amount of frosting which occurs.

5 Capacity tables

5 - 4 Capacity Correction Factor

RTSYQ10PA

1. Rate of change in cooling capacity



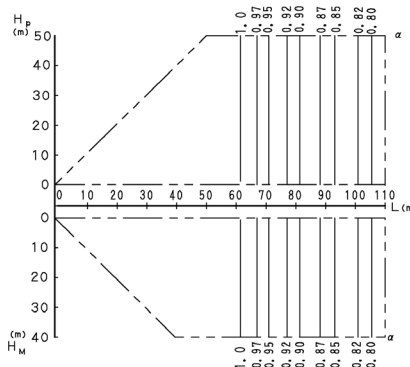
[Diameter of the main pipes (standard size)]

Model	Gas	Liquid
RTSYQ10PA	ø 22.2	ø 9.5

[Temper grade and thickness]

Temper grade	0 Type		1/2H Type	
Outer diameter	ø 9.5	ø 12.7	ø 22.2	ø 25.4
Minimum wall thickness	0.80	0.80	0.80	0.88

2. Rate of change in heating capacity



[Explanation of symbols]

Hp: Level difference (m) between indoor and outdoor units where indoor unit in inferior position

Hm: Level difference (m) between indoor and outdoor units where indoor unit in superior position

L: Equivalent pipe length (m)

Q: Rate of change in cooling/heating capacity

3D060819A

NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating is carried out.
- Method of calculating A/C (cooling/heating) capacity:
The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

Calculating A/C capacity of outdoor units.

- Condition: Indoor unit combination ratio does not exceed 100%.

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination

x Capacity change rate due to piping length to the farthest indoor unit

- Condition: Indoor unit combination ratio exceeds 100%.

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination

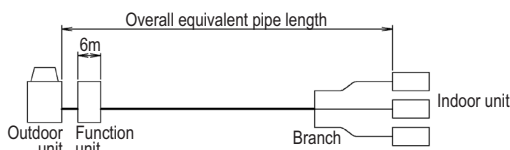
x Capacity change rate due to piping length to the farthest indoor unit

- When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased. (Consider the equivalent pipe length of function unit as 6m.)

[Diameter of above case]

Model	Gas	Liquid
RTSYQ10PA	ø 25.4 *	ø 12.7

*If available on the site, use this size, otherwise do not increase.



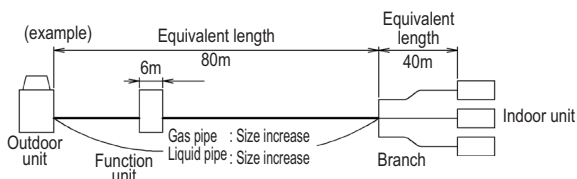
- Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length = (Equivalent length to main pipe) x Correction factor + (Equivalent length after branching)

Choose a correction factor from the following table. [When cooling capacity is calculated: gas pipe size

[When heating capacity is calculated: liquid pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.2



In the above case (Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m
(Heating) Overall equivalent length = 80m x 0.2 + 40m = 56m

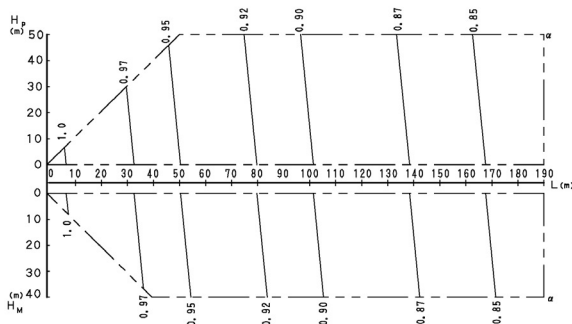
The rate of change in cooling capacity when Hp = 0m is thus approximately 0.87
heating capacity when Hp = 0m is thus approximately 1.0

5 Capacity tables

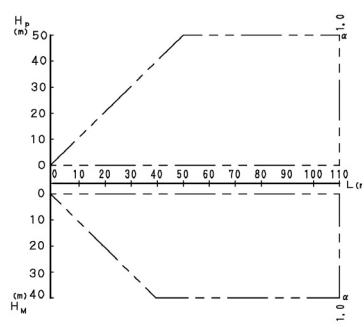
5 - 4 Capacity Correction Factor

RTSYQ14PA

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



[Diameter of the main pipes (standard size)]

Model	Gas	Liquid
RTSYQ14PA	ø 28.6	ø 12.7

[Temper grade and thickness]

Temper grade	0 Type	1/2H Type
Outer diameter	ø 12.7	ø 15.9
Minimum wall thickness	0.80	0.99

[Explanation of symbols]

Hp: Level difference (m) between indoor and outdoor units where indoor unit in inferior position

Hm: Level difference (m) between indoor and outdoor units where indoor unit in superior position

L: Equivalent pipe length (m)

α: Rate of change in cooling/heating capacity

3D060820A

NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating is carried out.
- Method of calculating A/C (cooling/heating) capacity:
The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units.
- Condition: Indoor unit combination ratio does not exceed 100%.

$$\begin{aligned} \text{Maximum A/C capacity of outdoor units} &= \text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination} \\ &\times \text{Capacity change rate due to piping length to the farthest indoor unit} \end{aligned}$$

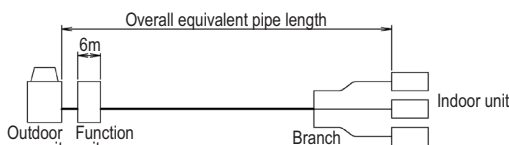
- Condition: Indoor unit combination ratio exceeds 100%.

$$\begin{aligned} \text{Maximum A/C capacity of outdoor units} &= \text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination} \\ &\times \text{Capacity change rate due to piping length to the farthest indoor unit} \end{aligned}$$

- When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased. (Consider the equivalent pipe length of function unit as 6m.)

[Diameter of above case]

Model	Gas	Liquid
RTSYQ14PA	Not increased	ø 15.9



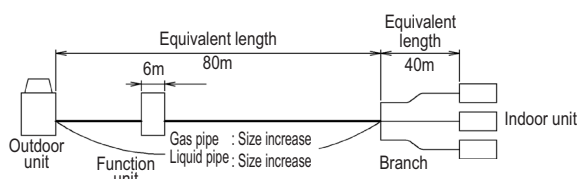
- Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

$$\text{Overall equivalent length} = (\text{Equivalent length to main pipe}) \times \text{Correction factor} + (\text{Equivalent length after branching})$$

Choose a correction factor from the following table. [When cooling capacity is calculated: gas pipe size
[When heating capacity is calculated: liquid pipe size]

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.3
Heating (liquid pipe)	1.0	

(example)



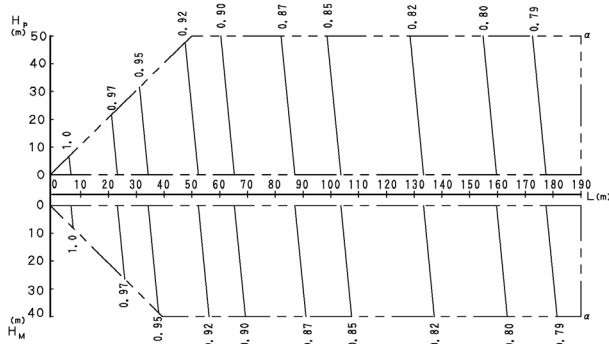
In the above case (Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m
(Heating) Overall equivalent length = 80m x 0.3 + 40m = 64m
The rate of change in cooling capacity when Hp = 0m is thus approximately 0.88
heating capacity when Hp = 0m is thus approximately 1.0

5 Capacity tables

5 - 4 Capacity Correction Factor

RTSYQ16PA

1. Rate of change in cooling capacity



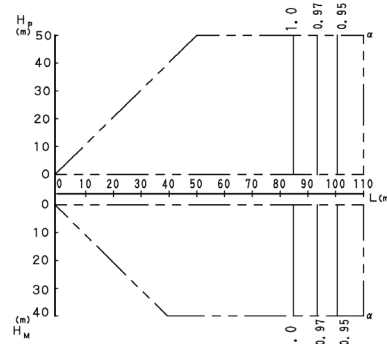
[Diameter of the main pipes (standard size)]

Model	Gas	Liquid
RTSYQ16PA	ø 28.6	ø 12.7

[Diameter of the main pipes (standard size)]

Temper grade	0 Type	1/2H Type
Outer diameter	ø 12.7	ø 15.9
Minimum wall thickness	0.80	0.99

2. Rate of change in heating capacity



[Explanation of symbols]

Hp: Level difference (m) between indoor and outdoor units where indoor unit in inferior position

Hm: Level difference (m) between indoor and outdoor units where indoor unit in superior position

L: Equivalent pipe length (m)

Q: Rate of change in cooling/heating capacity

3D060821A

NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating is carried out.
- Method of calculating A/C (cooling/heating) capacity:
The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

Calculating A/C capacity of outdoor units.

- Condition: Indoor unit combination ratio does not exceed 100%.

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination

x Capacity change rate due to piping length to the farthest indoor unit

- Condition: Indoor unit combination ratio exceeds 100%.

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination

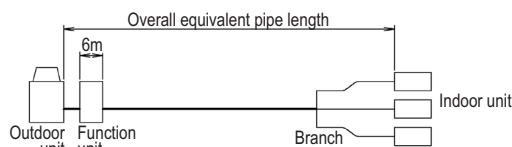
x Capacity change rate due to piping length to the farthest indoor unit

- When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased. (Consider the equivalent pipe length of function unit as 6m.)

[Diameter of above case]

Model	Gas	Liquid
RTSYQ16PA	ø 31.8 *	ø 15.9

*If available on the site, use this size, otherwise do not increase.



- Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

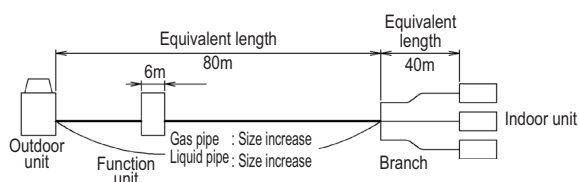
Overall equivalent length = (Equivalent length to main pipe) x Correction factor + (Equivalent length after branching)

Choose a correction factor from the following table. [When cooling capacity is calculated: gas pipe size

[When heating capacity is calculated: liquid pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.3

(example)



In the above case (Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m
(Heating) Overall equivalent length = 80m x 0.3 + 40m = 64m

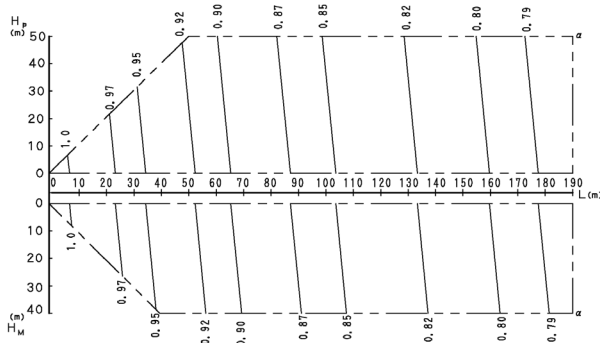
The rate of change in cooling capacity when Hp = 0m is thus approximately 0.88
heating capacity when Hp = 0m is thus approximately 1.0

5 Capacity tables

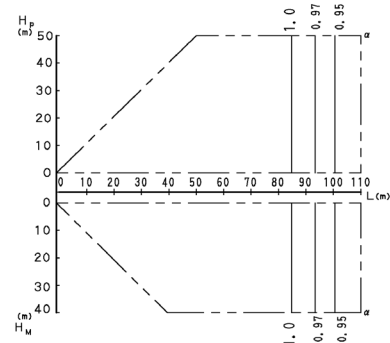
5 - 4 Capacity Correction Factor

RTSYQ20PA

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



[Diameter of the main pipes (standard size)]

Model	Gas	Liquid
RTSYQ20PA	ø 28.6	ø 15.9

[Temper grade and thickness]

Temper grade	0 Type	1/2H Type	
Outer diameter	ø 15.9	ø 19.1	ø 31.8
Minimum wall thickness	0.99	0.80	0.99

[Explanation of symbols]

Hp: Level difference (m) between indoor and outdoor units where indoor unit in inferior position

Hm: Level difference (m) between indoor and outdoor units where indoor unit in superior position

L: Equivalent pipe length (m)

α: Rate of change in cooling/heating capacity

3D060822A

NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating is carried out.
- Method of calculating A/C (cooling/heating) capacity:
The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units.
- Condition: Indoor unit combination ratio does not exceed 100%.

$$\text{Maximum A/C capacity of outdoor units} = \text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination} \times \text{Capacity change rate due to piping length to the farthest indoor unit}$$

- Condition: Indoor unit combination ratio exceeds 100%.

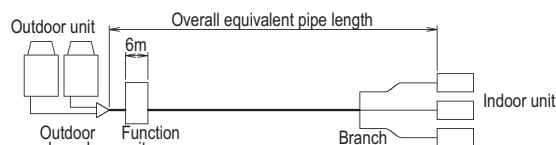
$$\text{Maximum A/C capacity of outdoor units} = \text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination} \times \text{Capacity change rate due to piping length to the farthest indoor unit}$$

- When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased. (Consider the equivalent pipe length of function unit as 6m.)

[Diameter of above case]

Model	Gas	Liquid
RTSYQ20PA	ø 31.8 *	ø 19.1

*If available on the site, use this size, otherwise do not increase.



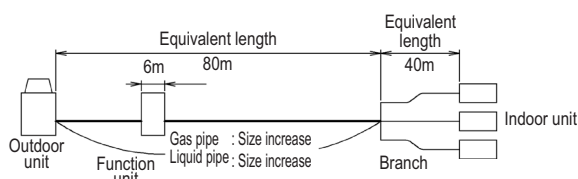
- Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

$$\text{Overall equivalent length} = (\text{Equivalent length to main pipe}) \times \text{Correction factor} + (\text{Equivalent length after branching})$$

Choose a correction factor from the following table. [When cooling capacity is calculated: gas pipe size
[When heating capacity is calculated: liquid pipe size]

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.4

(example)



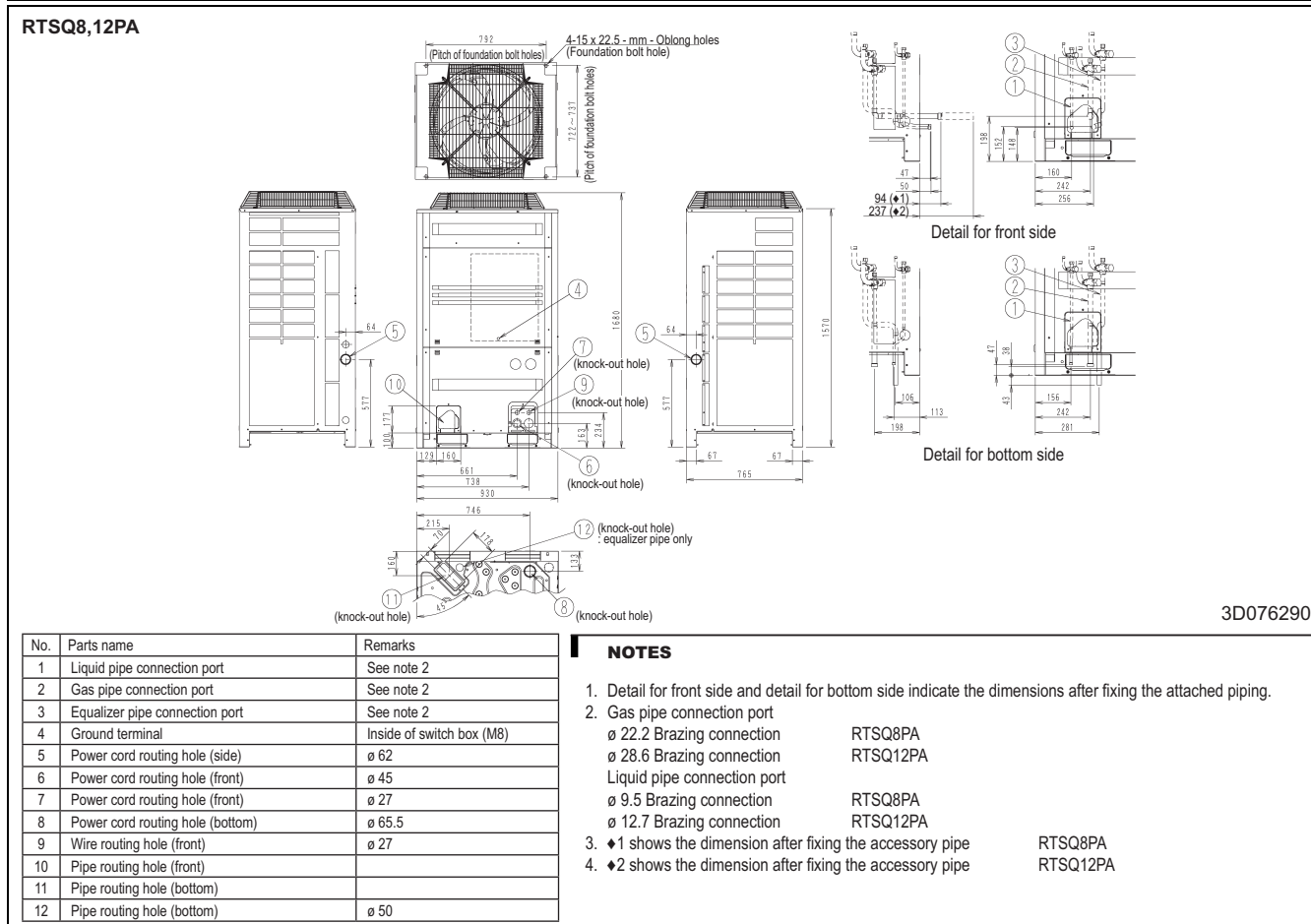
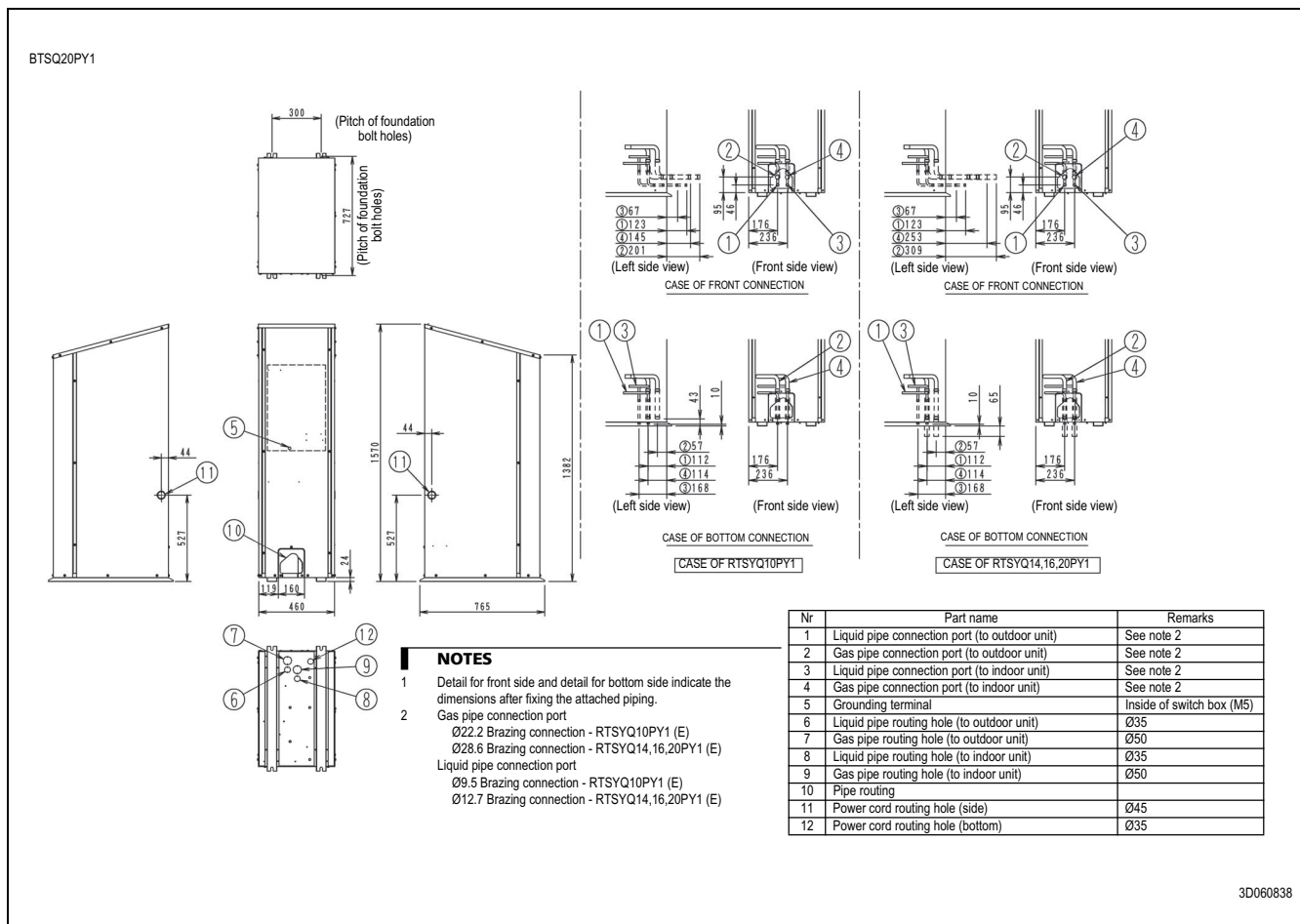
In the above case (Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m

(Heating) Overall equivalent length = 80m x 0.4 + 40m = 72m

The rate of change in cooling capacity when Hp = 0m is thus approximately 0.88
heating capacity when Hp = 0m is thus approximately 1.0

6 Dimensional drawings

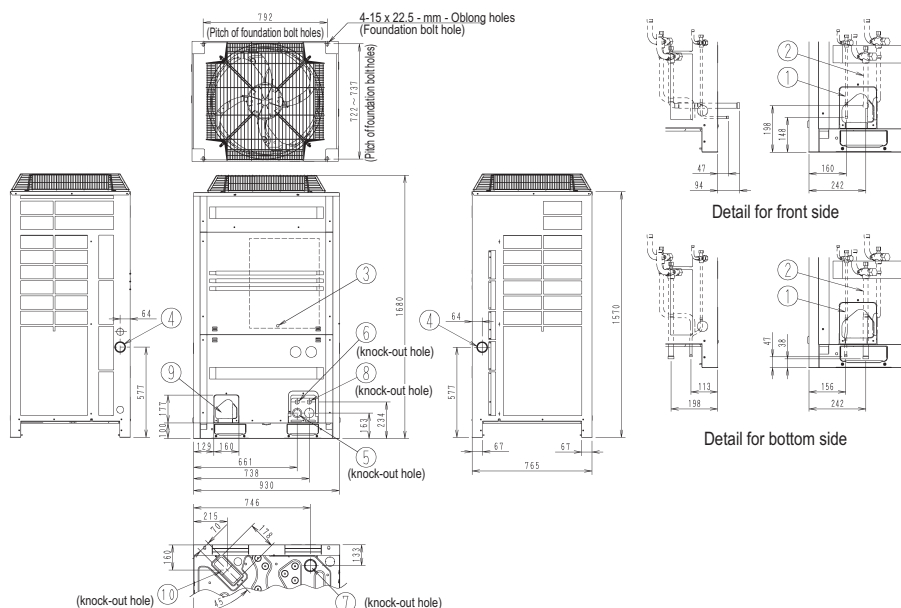
6 - 1 Dimensional Drawings



6 Dimensional drawings

6 - 1 Dimensional Drawings

RTSQ10PA



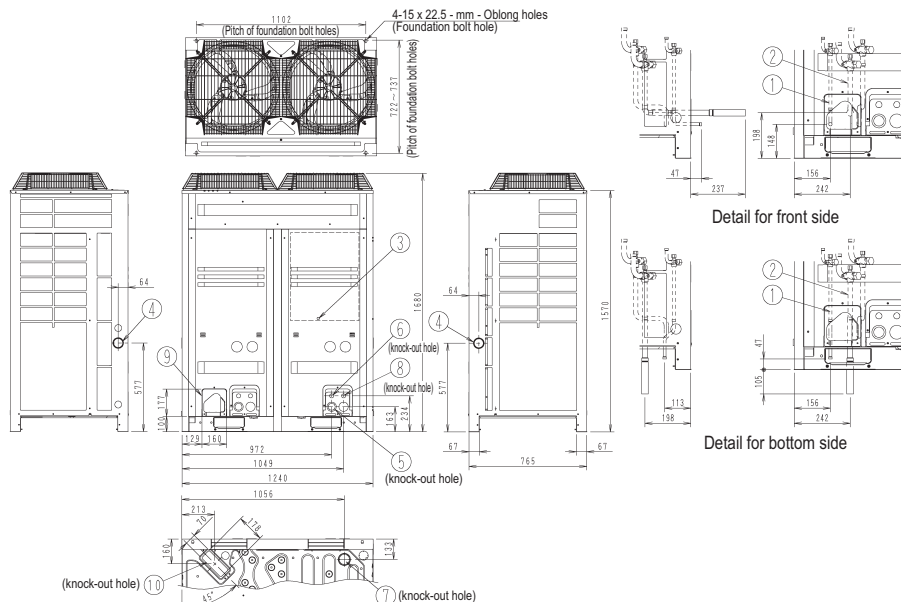
3D076289

No.	Parts name	Remarks
1	Liquid pipe connection port	See note 2
2	Gas pipe connection port	See note 2
3	Ground terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø 62
5	Power cord routing hole (front)	ø 45
6	Power cord routing hole (front)	ø 27
7	Power cord routing hole (bottom)	ø 65.5
8	Wire routing hole (front)	ø 27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	

NOTES

- Detail for front side and detail for bottom side indicate the dimensions after fixing the attached piping.
- Gas pipe connection port
ø 22.2 Brazing connection
Liquid pipe connection port
ø 9.5 Brazing connection

RTSQ14,16PA



3D076291

No.	Parts name	Remarks
1	Liquid pipe connection port	See note 2
2	Gas pipe connection port	See note 2
3	Ground terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø 62
5	Power cord routing hole (front)	ø 45
6	Power cord routing hole (front)	ø 27
7	Power cord routing hole (bottom)	ø 65.5
8	Wire routing hole (front)	ø 27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	

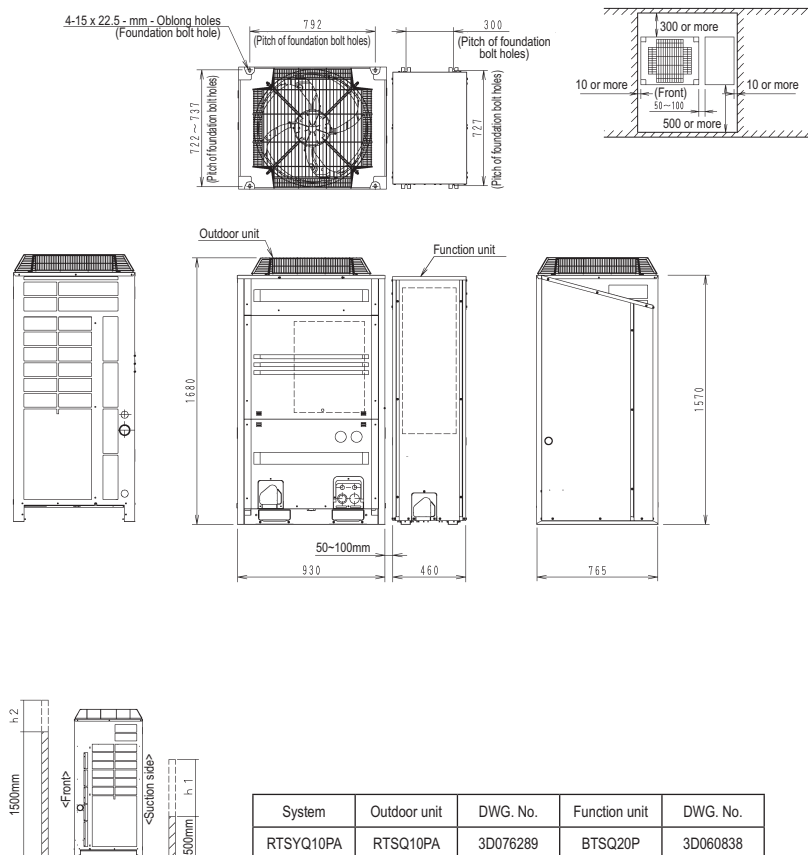
NOTES

- Detail for front side and detail for bottom side indicate the dimensions after fixing the attached piping.
- Gas pipe connection port
ø 28.6 Brazing connection
Liquid pipe connection port
ø 12.7 Brazing connection

6 Dimensional drawings

6 - 1 Dimensional Drawings

RTSYQ10PA

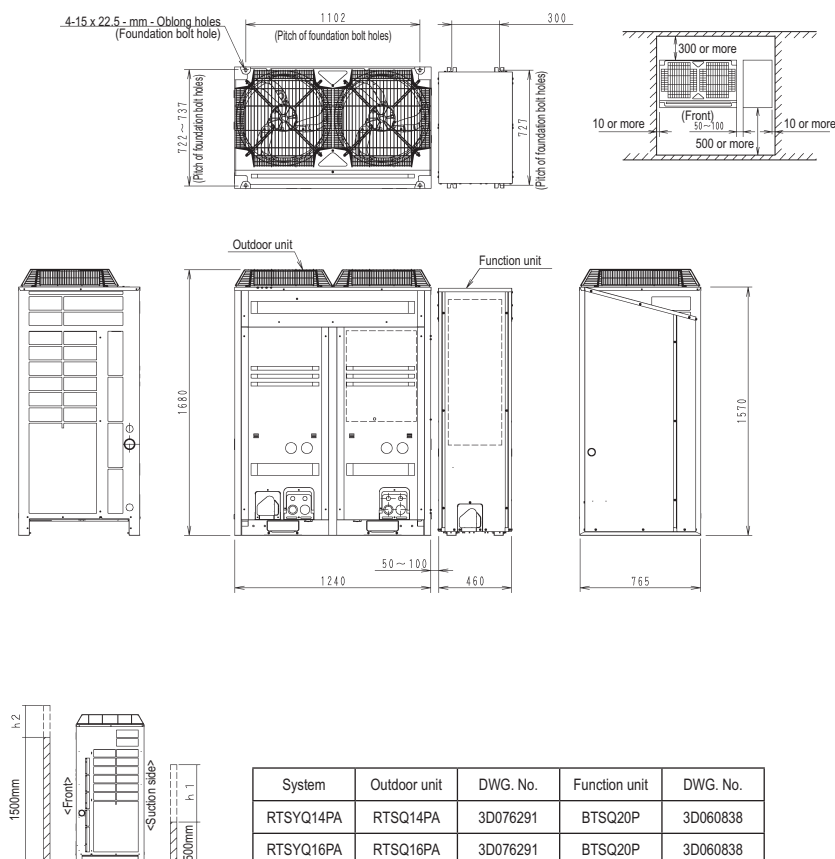


NOTES

- Heights of walls in case of Patterns 1 and 2:
Front: 1500mm
Suction side: 500mm
Side: Height unrestricted
Installation space to be shown in this drawing is based on the cooling operation at 35 degrees outdoor air temperature. When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability because of much generation load of heat in all outdoor unit, take the suction side space more broadly than the space to be shown in this drawing.
- If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.
- When installing the units most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough space for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
- The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.
- In case there expected heavy snow, prepare some countermeasures recommended as follows:
1) Outdoor and Function unit must be installed on a foundation (field supply) in order to secure a distance of 200-300mm or more between the bottom frame and the snow-laid ground surface.
2) Install a snowbreak hood (option) and remove its back side air inlet grill.
- Air outlet of snowbreak hood must face at right angle or lower level than the winter wind, in case a snowbreak hood is installed at the air outlet of the unit.
- In case there expected to freeze of exhausted water from de-frost operation due to the cold outdoor temperature in winter time, secure a sufficient space between the bottom frame and the foundation. (500-1000mm is suggested as an appropriate distance.)

3D076286

RTSYQ14,16PA



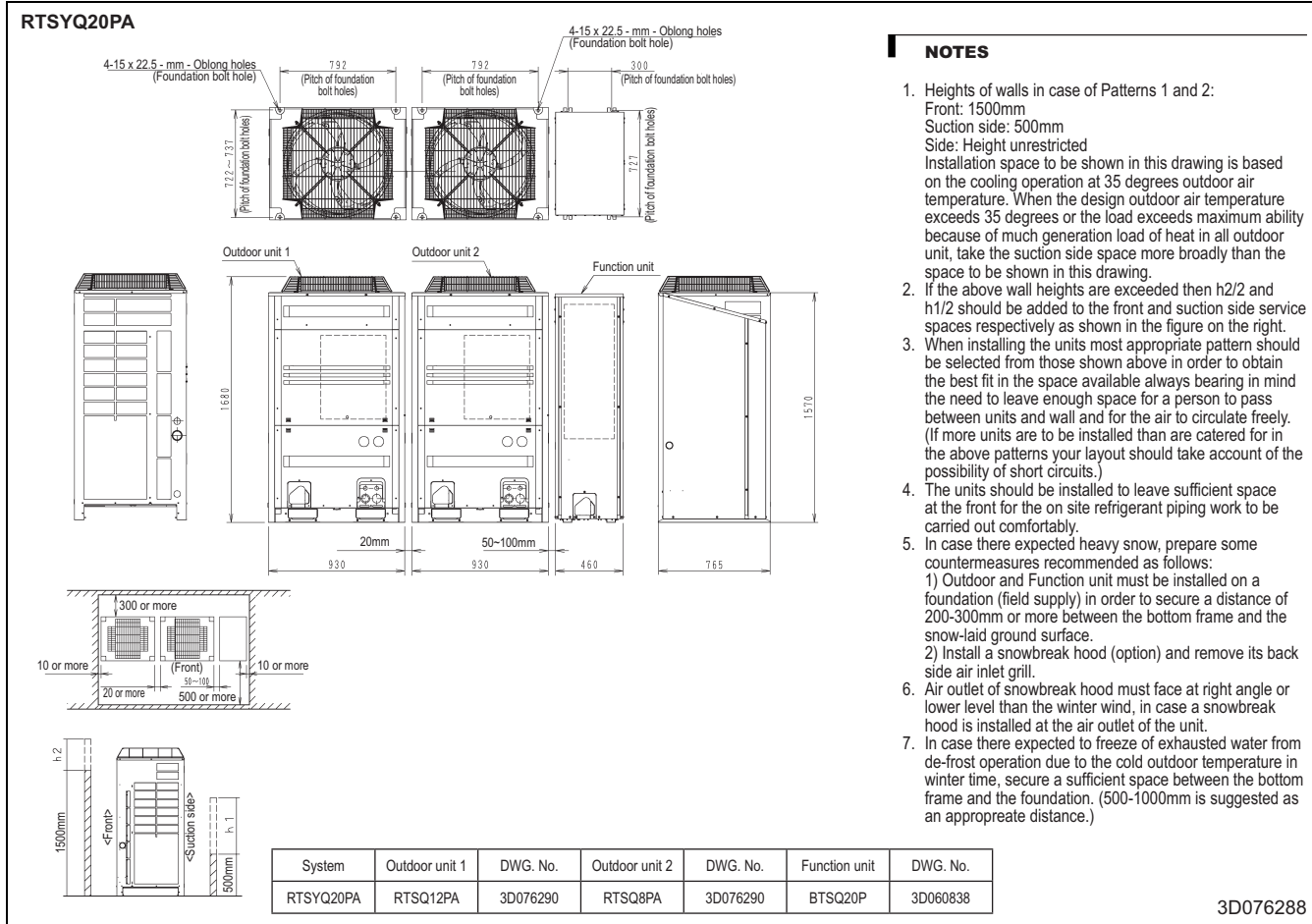
NOTES

- Heights of walls in case of Patterns 1 and 2:
Front: 1500mm
Suction side: 500mm
Side: Height unrestricted
Installation space to be shown in this drawing is based on the cooling operation at 35 degrees outdoor air temperature. When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability because of much generation load of heat in all outdoor unit, take the suction side space more broadly than the space to be shown in this drawing.
- If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.
- When installing the units most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough space for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
- The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.
- In case there expected heavy snow, prepare some countermeasures recommended as follows:
1) Outdoor and Function unit must be installed on a foundation (field supply) in order to secure a distance of 200-300mm or more between the bottom frame and the snow-laid ground surface.
2) Install a snowbreak hood (option) and remove its back side air inlet grill.
- Air outlet of snowbreak hood must face at right angle or lower level than the winter wind, in case a snowbreak hood is installed at the air outlet of the unit.
- In case there expected to freeze of exhausted water from de-frost operation due to the cold outdoor temperature in winter time, secure a sufficient space between the bottom frame and the foundation. (500-1000mm is suggested as an appropriate distance.)

3D076287

6 Dimensional drawings

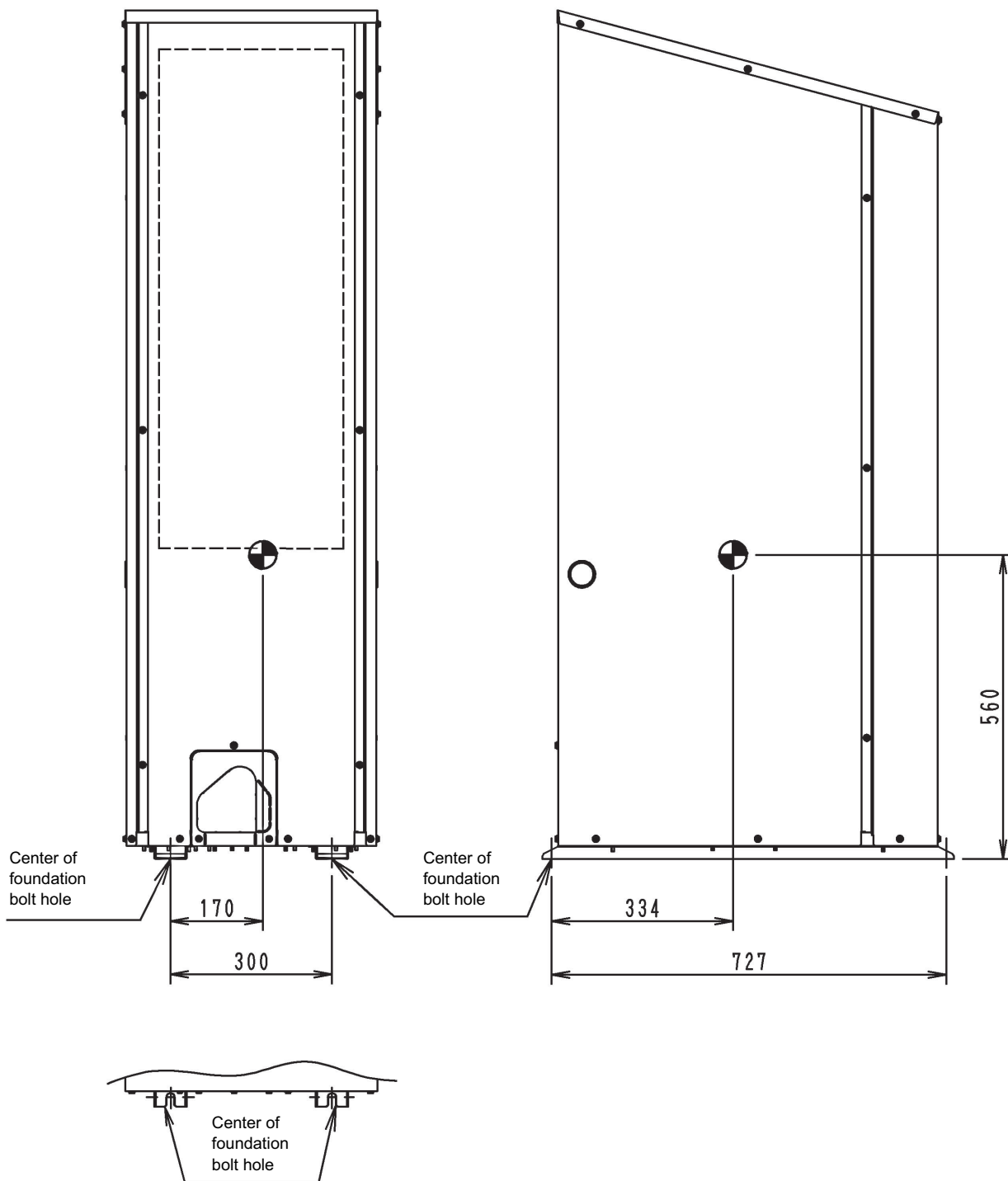
6 - 1 Dimensional Drawings



7 Centre of gravity

7 - 1 Centre of Gravity

BTSQ20PY1

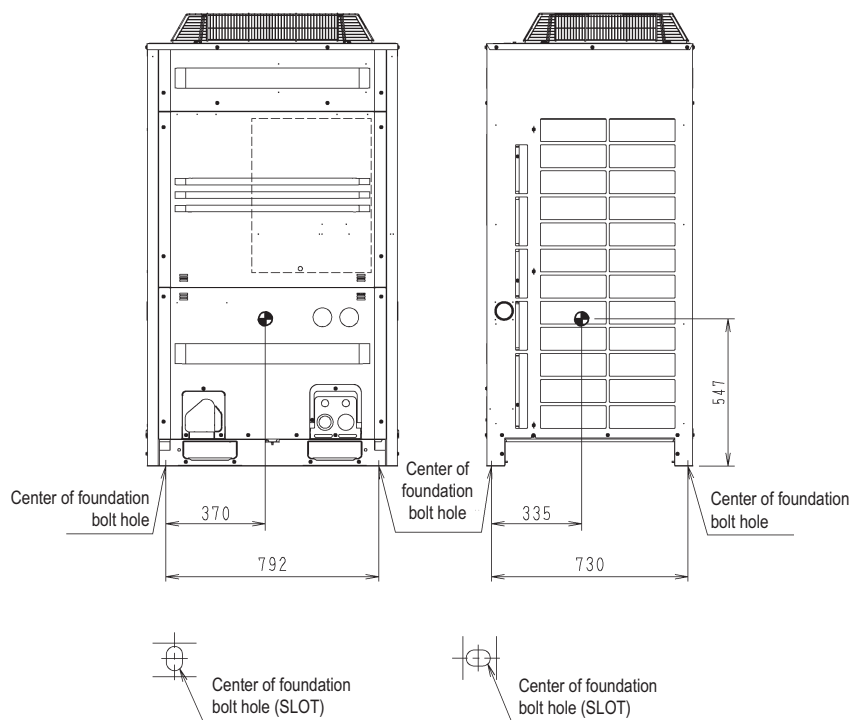


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7 Centre of gravity

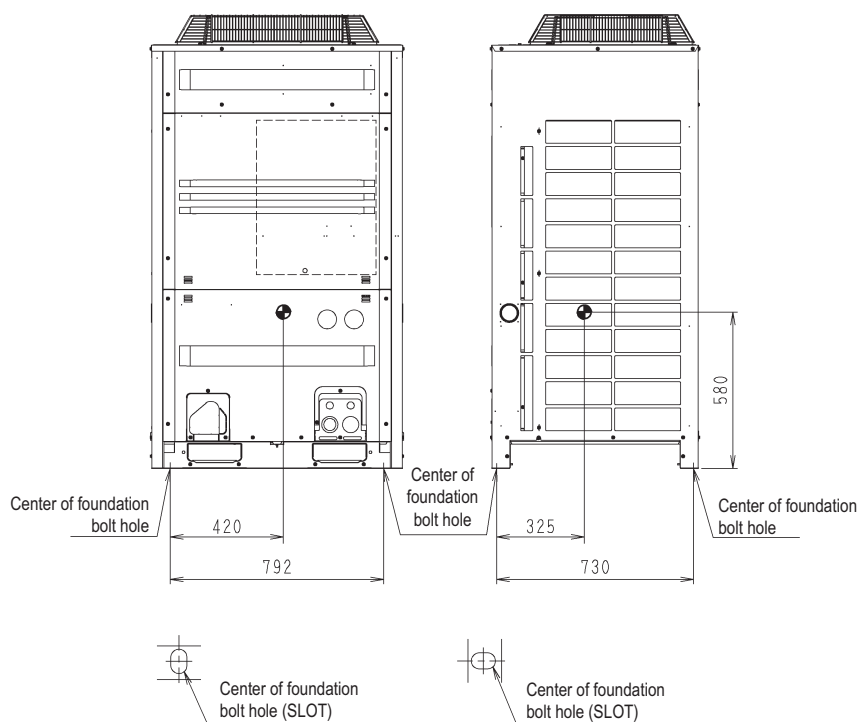
7 - 1 Centre of Gravity

RTSQ8PA



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RTSQ10,12PA

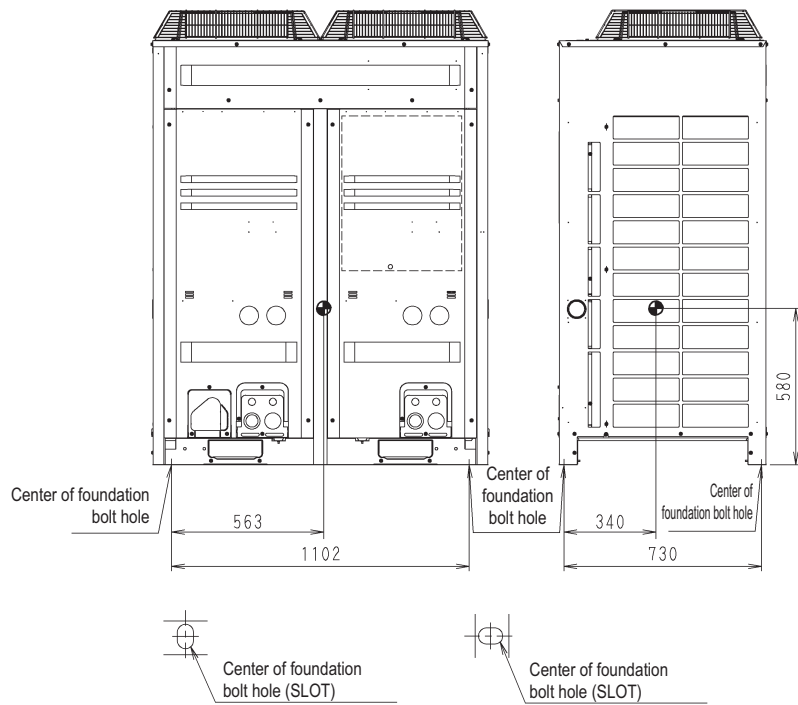


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7 Centre of gravity

7 - 1 Centre of Gravity

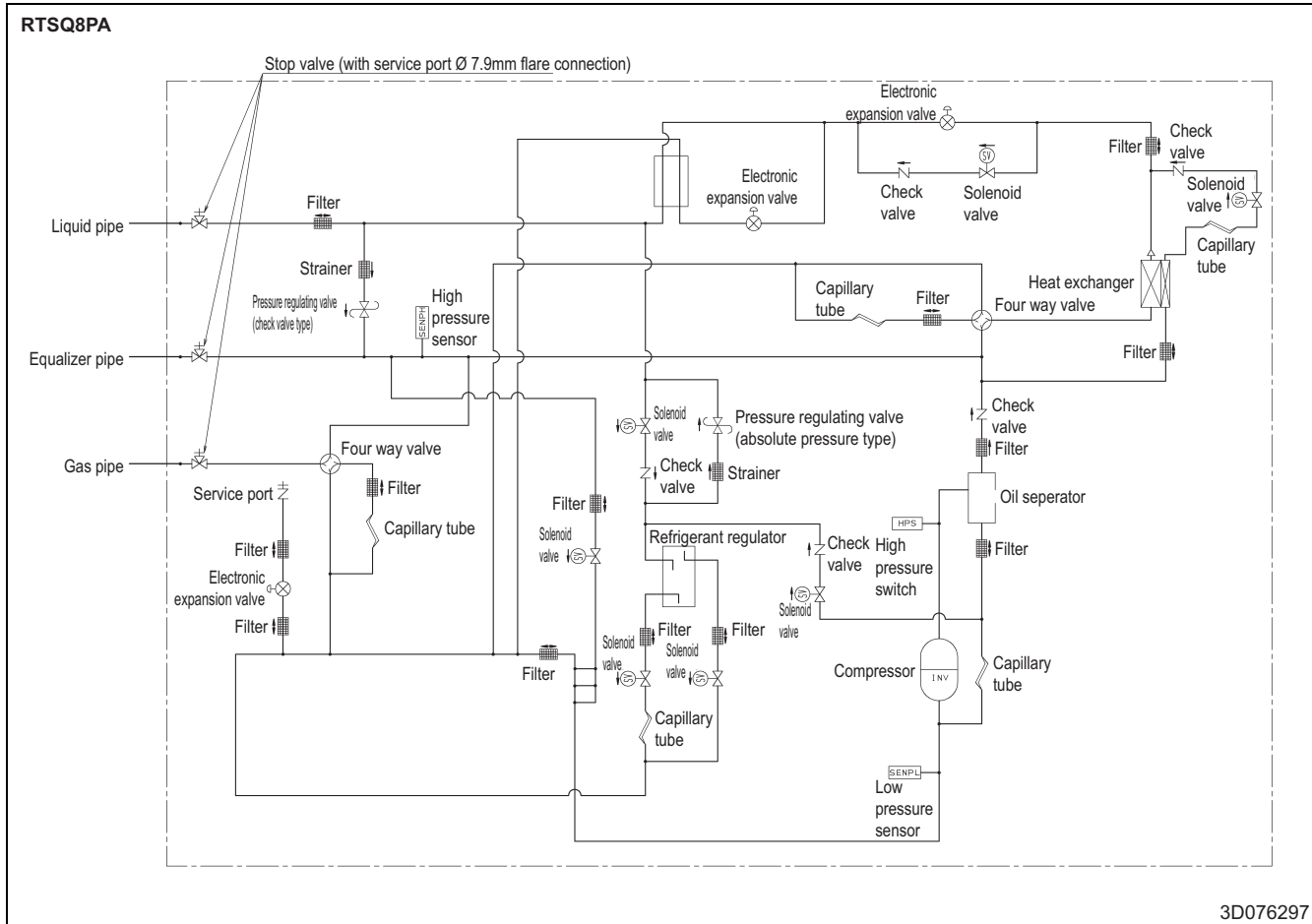
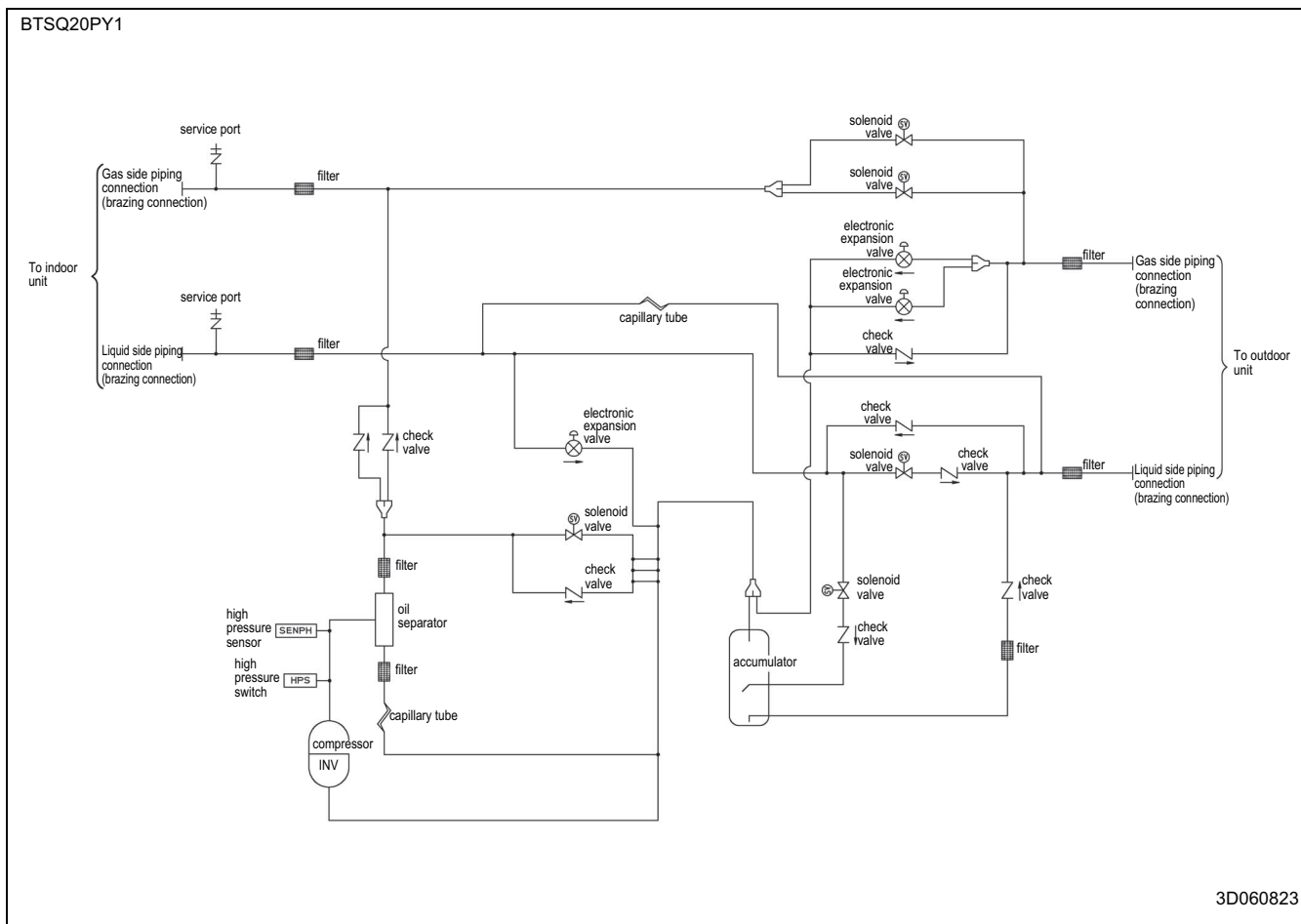
RTSQ14,16PA



4D057578C

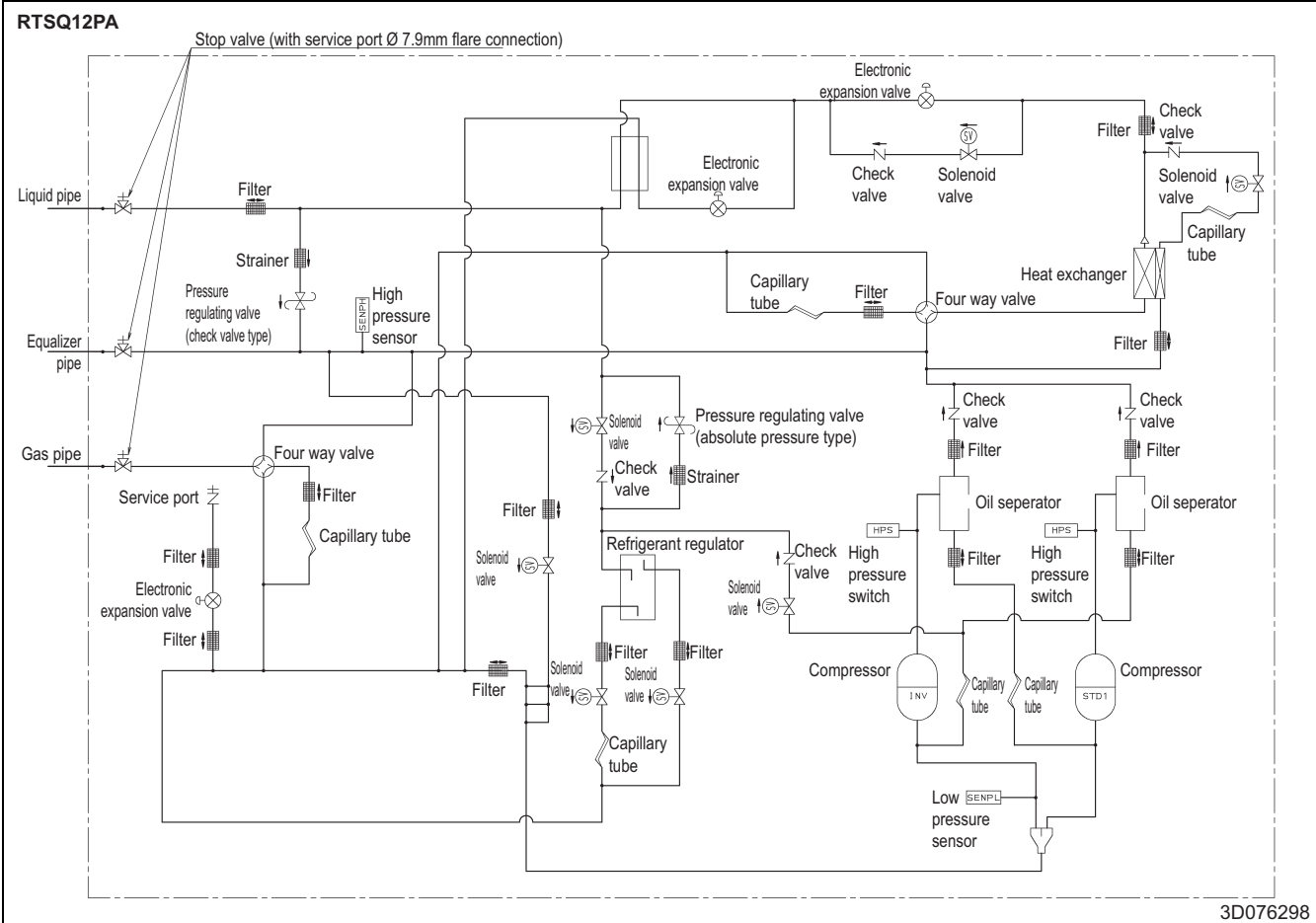
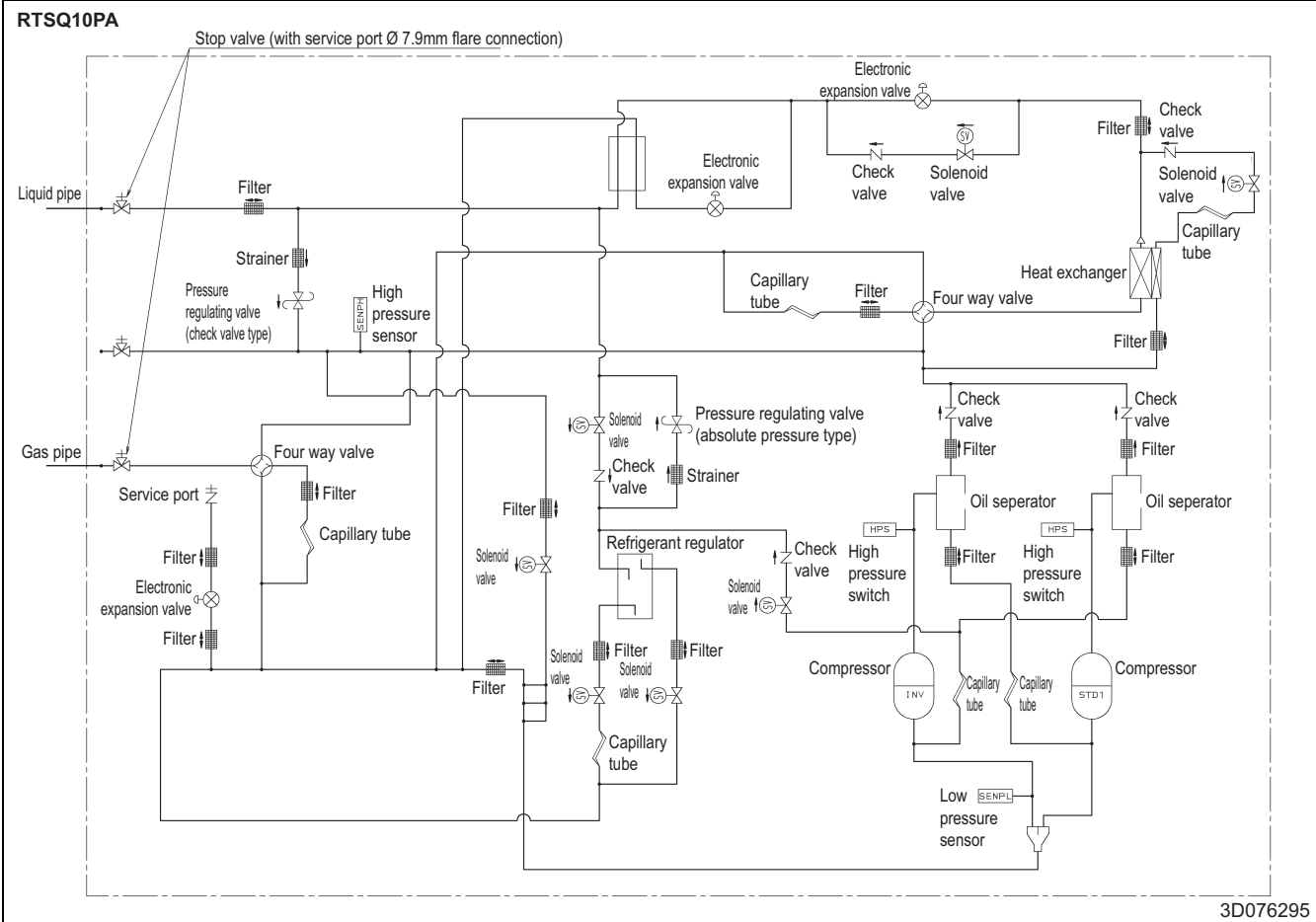
8 Piping diagrams

8 - 1 Piping Diagrams



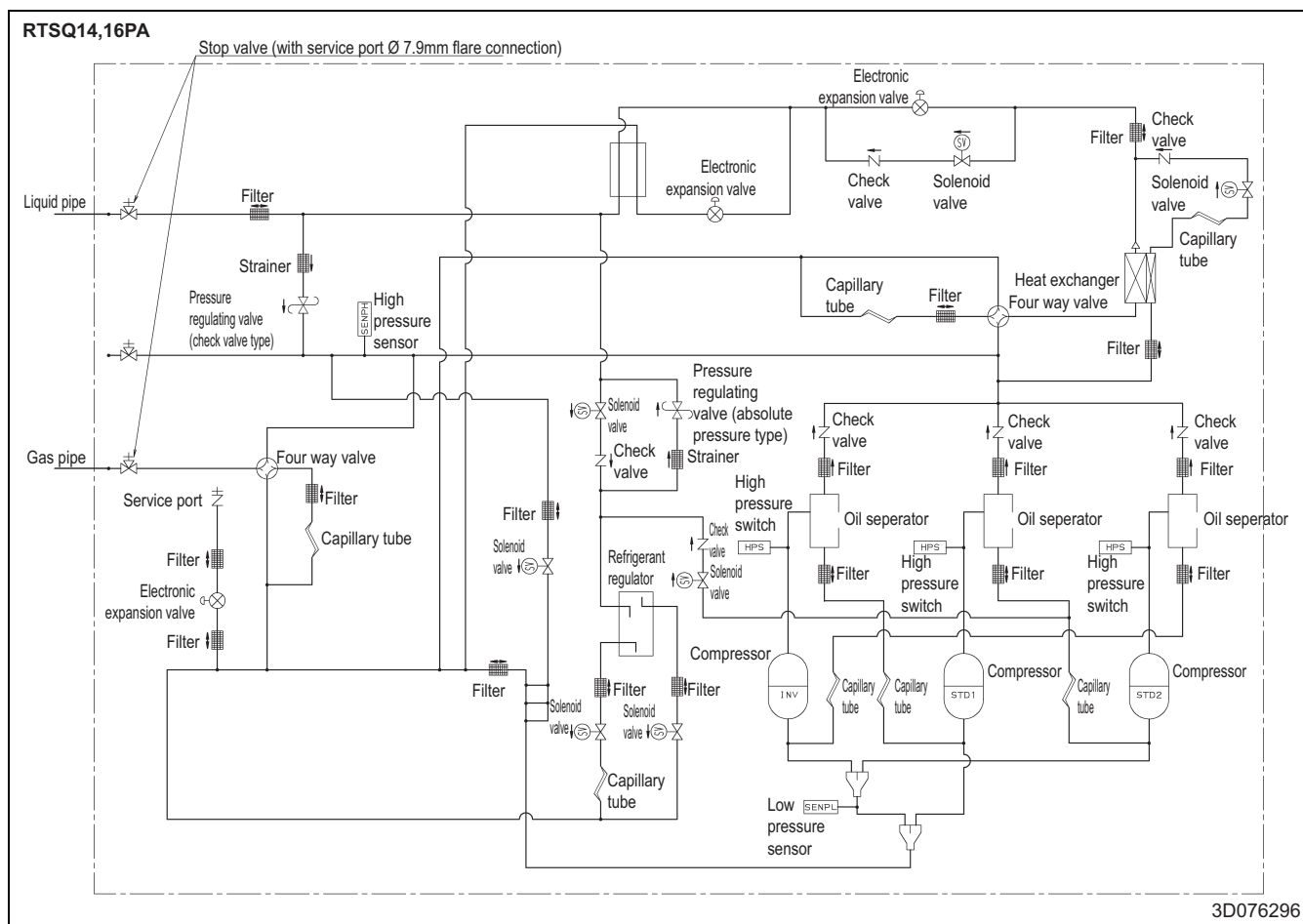
8 Piping diagrams

8 - 1 Piping Diagrams



8 Piping diagrams

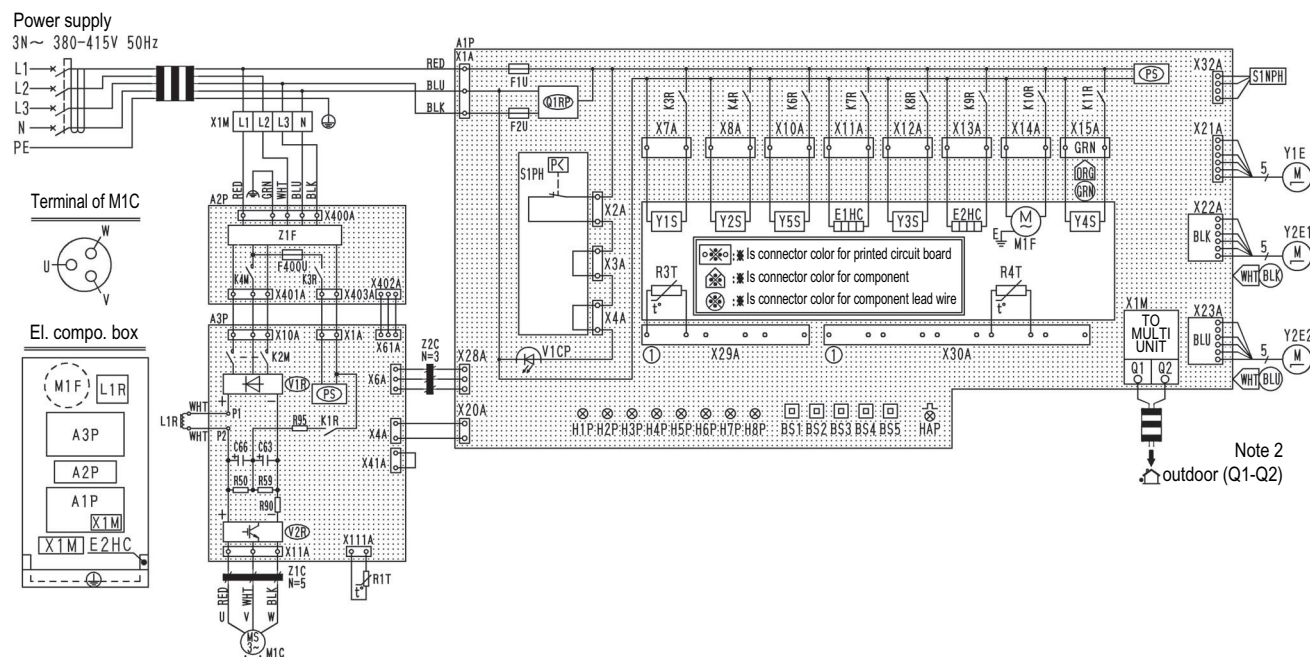
8 - 1 Piping Diagrams



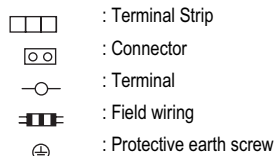
9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

BTSQ20PY1



A1P	Printed circuit board (main)	K4R	magnetic relay (Y25)	S1NPH	pressure sensor (high)
A2P	Printed circuit board (noise filter)	K6R	magnetic relay (Y5S)	S1PH	pressure switch (high)
A3P	Printed circuit board (INV)	K7R	magnetic relay (E1HC)	V1CP	safety devices input
BS1-5	Push button switch (mode, set, return, test, reset)	K8R	magnetic relay (Y3S)	V1R	diode bridge
C63, C66	capacitor	K9R	magnetic relay (E2HC)	V2R	power module
E1HC	crankcase heater	K10R	magnetic relay (M1F)	X1M	terminal strip (power supply)
E2HC	el. compo. box heater	K11R	magnetic relay (Y4S)	X1M	terminal strip (control) (A1P)
F1U, F2U	fuse (T, 3.15A, 250V)	L1R	reactor	Y1E	electronic expansion valve (liquid injection)
F400	fuse (T, 6.3A, 250V)	M1C	motor (compressor)	Y2E1	electronic expansion valve (change mode)
H1P-8P	pilot lamp (service monitor: orange) [H2P] prepare, test flickering malfunction detection..... light up	M1F	motor (cooling fan)	Y2E2	electronic expansion valve (change mode)
HAP	pilot lamp (service monitor: green)	PS	switching power supply (A1P, A3P)	Y1S	solenoid valve (hot gas)
K2M	magnetic contactor (M1C)	Q1RP	phase reversal detect circuit	Y2S	solenoid valve (reduction)
K1R	magnetic relay (A3P)	R50, R59	resistor	Y3S	solenoid valve (bypass)
K3R	magnetic relay (Y1S)(A1P)	R90	resistor (current sensor)	Y4S	solenoid valve (bypass)
K3R	magnetic relay (A2P)	R95	resistor (current limiting)	Y5S	solenoid valve (change liquid line)
		R1T	thermistor (F1N)	Z1C, Z2C	noise filter (ferrite core)
		R3T	thermistor (M1C discharge)	Z1F	noise filter (with surge absorber)
		R4T	thermistor (liquid)		



Colors:

BLK: black

RED: Red

BLU: Blue

WHT: White

GRN: Green

ORG: Orange

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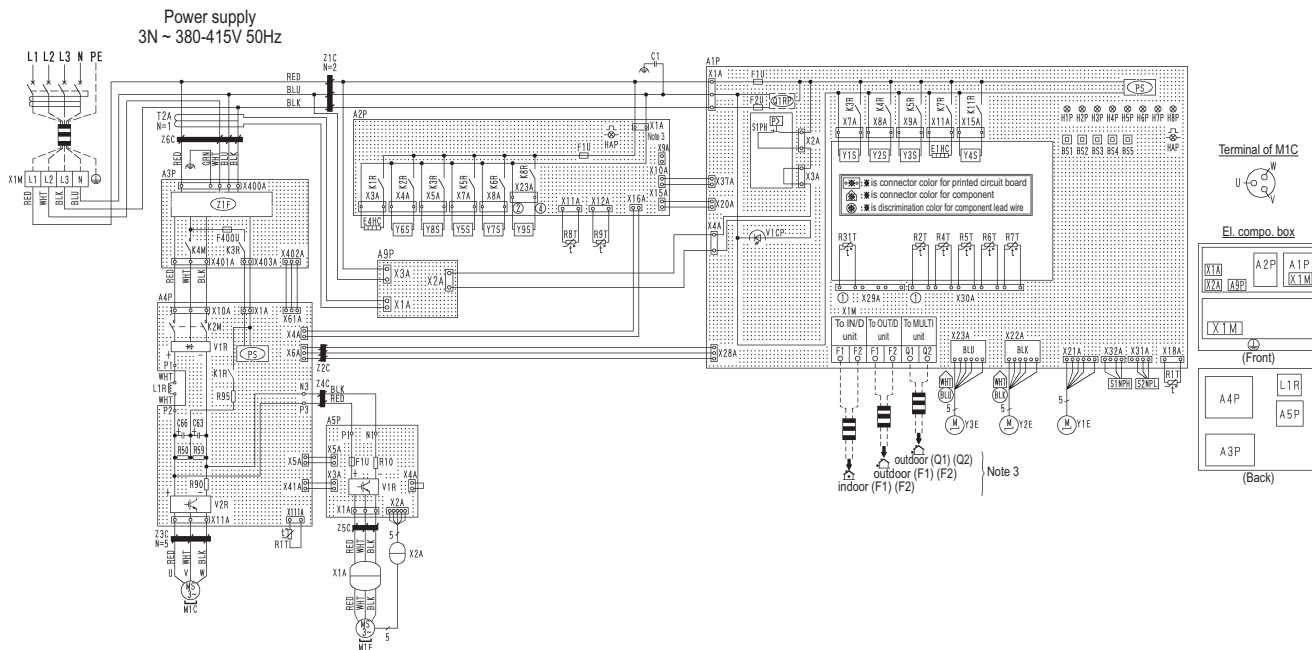
NOTES

- 1 This wiring diagram is applied only to the outdoor unit.
- 2 For connection wiring to outdoor-multi transmission Q1-Q2, refer to the installation manual.
- 3 How to use BS1-5, refer to "service precaution" label on el.compo.box.cover.
- 4 When operating, do not shortcircuit the protection device (S1PH).

9 Wiring diagrams

9 - 2 Wiring Diagrams - Three Phase

RTSQ8PA



PNK: pink	WHT: white
YLW: yellow	ORG: orange
BLU: blue	BLK: black
RED: red	BRN: brown

A1P	Printed circuit board (main)	K4M	Magnetic contactor (M1C) (A3P)	R90	Resistor (current sensor)	X1M	Terminal strip (power supply)
A2P	Printed circuit board (sub)	K1R	Magnetic relay (A4P)	R95	Resistor (current limiting)	X1M	Terminal strip (control) (A1P)
A3P	Printed circuit board (noise filter)	K1R	Magnetic relay (E4HC)	R1T	Thermistor (air) (A1P)	Y1E	Electronic expansion valve (main)
A4P	Printed circuit board (INV)	K2R	Magnetic relay (Y6S)	R1T	Thermistor (fin) (A4P)	Y2E	Electronic expansion valve (charge)
A5P	Printed circuit board (fan)	K3R	Magnetic relay (Y1S) (A1P)	R2T	Thermistor (heat exc. gas)	Y3E	Electronic expansion valve (subcool)
A9P	Printed circuit board (sub)	K3R	Magnetic relay (Y8S) (A2P)	R31T	Thermistor (M1C discharge)	Y1S	Solenoid valve (RMTG)
BS1~5	Push button switch (Mode, set, return, test, reset)	K3R	Magnetic relay (A3P)	R4T	Thermistor (heat exc. deicer)	Y2S	Solenoid valve (4 way valve) (pipe)
		K4R	Magnetic relay (Y2S)	R5T	Thermistor (sub cool heat exc. gas)	Y3S	Solenoid valve (4 way valve) (heat exc.)
C1	Capacitor	K5R	Magnetic relay (Y3S) (A1P)	R6T	Thermistor (sub cool heat exc. liquid)	Y4S	Solenoid valve (RMTL)
C63, C66	Capacitor	K5R	Magnetic relay (Y5S) (A2P)	R7T	Thermistor (heat exc. liquid)	Y5S	Solenoid valve (hot gas)
E1HC	Crankcase heater	K6R	Magnetic relay (Y7S)	R8T	Thermistor (suction)	Y6S	Solenoid valve (EV bypass)
E4HC	El. compo. box heater	K7R	Magnetic relay (E1HC)	R9T	Thermistor (liquid)	Y7S	Solenoid valve (RMTD)
F1U, F2U	Fuse (T, 3, 15A, 250V) (A1P)	K8R	Magnetic relay (Y9S)	S1NPH	Pressure sensor (high)	Y8S	Solenoid valve (RMTT)
F1U	Fuse (T, 3, 15A, 250V) (A2P)	K11R	Magnetic relay (Y4S)	S2NPL	Pressure sensor (low)	Y9S	Solenoid valve (hot gas)
F1U	Fuse (8A, DC650V) (A5P)	L1R	Reactor	S1PH	Pressure switch (high)	Z1C-6C	Noise filter (ferrite core)
F400U	Fuse (T, 6, 3A, 250V)	M1C	Motor (compressor)	T2A	Current sensor (A9P)	Z1F	Noise filter (with surge absorber)
H1P~8P	Pilot lamp (service monitor: orange) [H2P] Prepare, test --- flickering Malfunction detection - light up	M1F	Motor (fan)	V1CP	Safety devices input		
		PS	Switching power supply (A1P, A4P)	V1R	Diode bridge (A4P)		Connector for optional parts
		Q1RP	Phase reversal detect circuit (A1P)	V1R	Power module (A5P)	X9A	Power supply (adapter) (A2P)
HAP	Pilot lamp (service monitor: green) (A1P) (A2P)	R10	Resistor (current sensor)	V2R	Power module		
K2M	Magnetic contactor (M1C) (A4P)	R50, R59	Resistor	X1A, X2A	Connector (M1F)		

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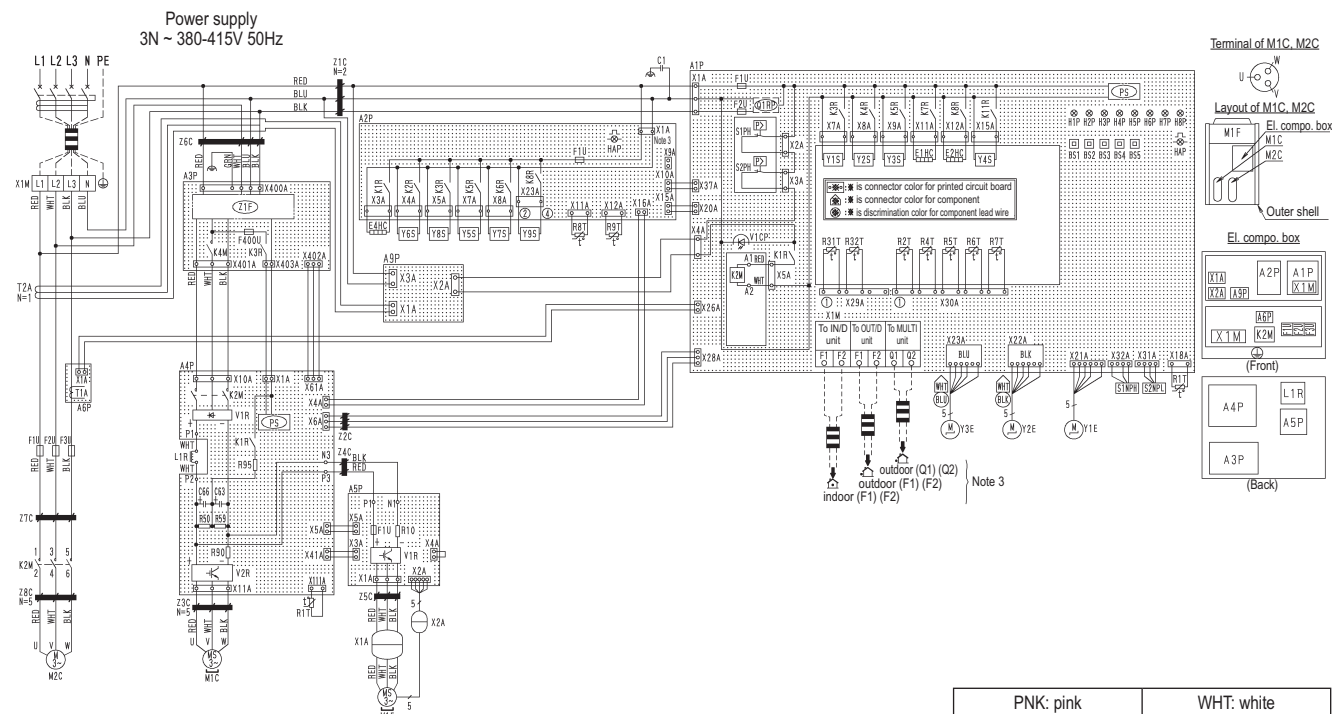
NOTES

- : terminal strip, □□ : connector, -○- : terminal, -□□- : field wiring, ⊕ : protective earth (screw)
- This wiring diagram is applied only to the outdoor unit.
- When using the optional adapter, refer to the installation manual of the optional adapter.
- For connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2, outdoor-multi transmission Q1 - Q2, refer to the installation manual.
- How to use BS1~5, refer to "service precaution" label on el. compo. box cover.
- When operating, don't shortcircuit the protection device (S1PH).

9 Wiring diagrams

9 - 2 Wiring Diagrams - Three Phase

RTSQ10,12PA



PNK: pink	WHT: white
YLW: yellow	ORG: orange
BLU: blue	BLK: black
RED: red	BRN: brown

A1P	Printed circuit board (main)	K2M	Magnetic contactor (M1C) (A4P)	Q1RP	Phase reversal detect circuit	V1R	Power module (A5P)
A2P	Printed circuit board (sub)	K2M	Magnetic contactor (M2C)	R10	Resistor (current sensor)	V2R	Power module
A3P	Printed circuit board (noise filter)	K4M	Magnetic contactor (M1C) (A3P)	R50, R59	Resistor	X1A, X2A	Connector (M1F)
A4P	Printed circuit board (INV)	K1R	Magnetic relay (K2M) (A1P)	R90	Resistor (current sensor)	X1M	Terminal strip (power supply)
A5P	Printed circuit board (fan)	K1R	Magnetic relay (E4HC) (A2P)	R95	Resistor (current limiting)	X1M	Terminal strip (control) (A1P)
A6P	Printed circuit board (current sensor)	K1R	Magnetic relay (A4P)	R1T	Thermistor (air) (A1P)	Y1E	Electronic expansion valve (main)
A9P	Printed circuit board (sub)	K2R	Magnetic relay (Y6S)	R1T	Thermistor (fin) (A4P)	Y2E	Electronic expansion valve (charge)
BS1~5	Push button switch (Mode, set, return, test, reset)	K3R	Magnetic relay (Y1S) (A1P)	R2T	Thermistor (heat exc. gas)	Y3E	Electronic expansion valve (subcool)
		K3R	Magnetic relay (Y8S) (A2P)	R31T, R32T	Thermistor (M1C, M2C discharge)	Y1S	Solenoid valve (RMTG)
C1	Capacitor	K3R	Magnetic relay (A3P)	R4T	Thermistor (heat exc. deicer)	Y2S	Solenoid valve (4 way valve) (pipe)
C63, C66	Capacitor	K4R	Magnetic relay (Y2S)	R5T	Thermistor (sub cool heat exc. gas)	Y3S	Solenoid valve (4 way valve) (heat exc.)
E1HC, E2HC	Crankcase heater	K5R	Magnetic relay (Y3S) (A1P)	R6T	Thermistor (sub cool heat exc. liquid)	Y4S	Solenoid valve (RMTL)
E4HC	El. compo. box heater	K5R	Magnetic relay (Y5S) (A2P)	R7T	Thermistor (heat exc. liquid)	Y5S	Solenoid valve (hot gas)
F1U, F2U	Fuse (T, 3, 15A, 250V) (A1P)	K6R	Magnetic relay (Y7S)	R8T	Thermistor (suction)	Y6S	Solenoid valve (EV bypass)
F1U	Fuse (T, 3, 15A, 250V) (A2P)	K7R	Magnetic relay (E1HC)	R9T	Thermistor (liquid)	Y7S	Solenoid valve (RMTD)
F1U	Fuse (8A, DC650V) (A5P)	K8R	Magnetic relay (E2HC) (A1P)	S1NPH	Pressure sensor (high)	Y8S	Solenoid valve (RMTT)
F1U~3U	Fuse	K8R	Magnetic relay (Y9S) (A2P)	S2NPL	Pressure sensor (low)	Y9S	Solenoid valve (hot gas)
F400U	Fuse (T, 6, 3A, 250V) (A3P)	K11R	Magnetic relay (Y4S)	S1PH, S2PH	Pressure switch (high)	Z1C~8C	Noise filter (ferrite core)
H1P~8P	Pilot lamp (service monitor: orange) [H2P] Prepare, test --- flickering Malfunction detection - light up	L1R	Reactor	T1A	Current sensor (A6P)	Z1F	Noise filter (with surge absorber)
		M1C, M2C	Motor (compressor)	T2A	Current sensor (A9P)		
		M1F	Motor (fan)	V1CP	Safety devices input		Connector for optional parts
HAP	Pilot lamp (service monitor: green) (A1P) (A2P)	PS	Switching power supply (A1P, A4P)	V1R	Diode bridge (A4P)	X9A	Power supply (adapter) (A2P)

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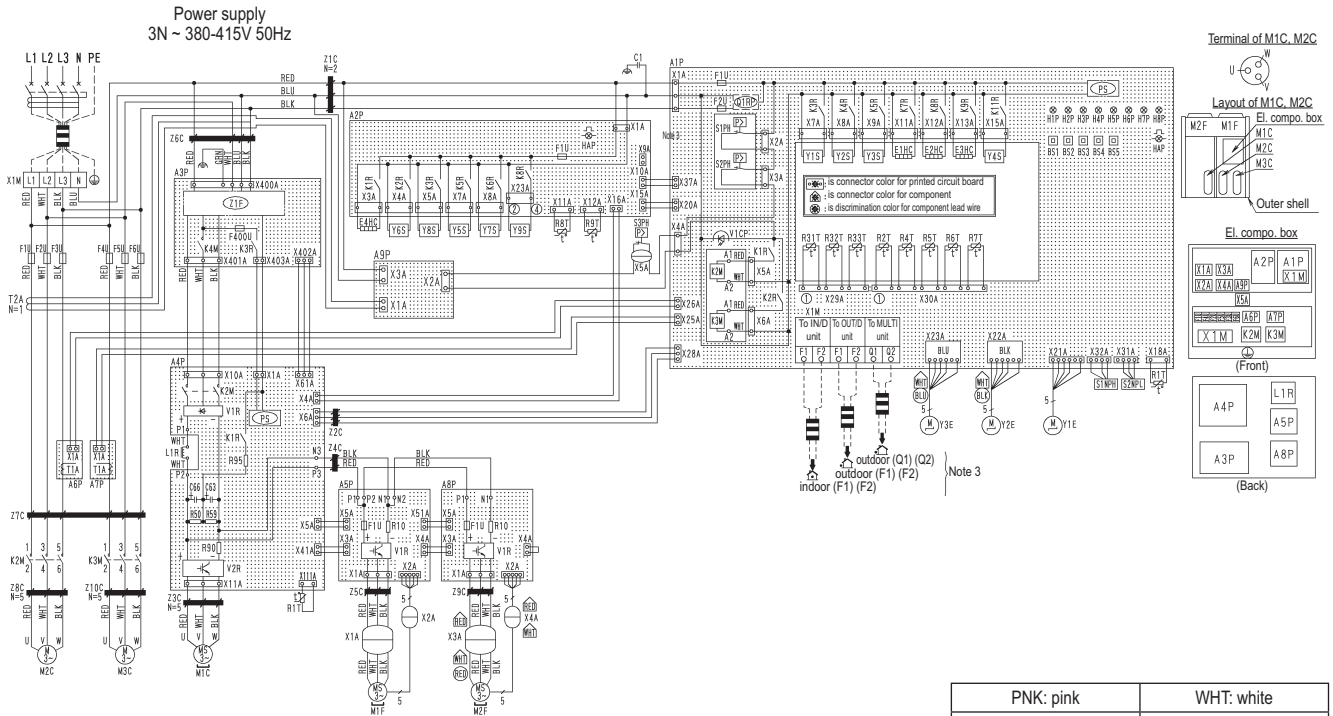
NOTES

- □ □ □ : terminal strip, □ □ : connector, ○ : terminal, — ■ — ■ : field wiring, ⊕ : protective earth (screw)
- This wiring diagram is applied only to the outdoor unit.
- When using the optional adapter, refer to the installation manual of the optional adapter.
- For connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2, outdoor-multi transmission Q1 - Q2, refer to the installation manual.
- How to use BS1~5, refer to "service precaution" label on el. compo. box cover.
- When operating, don't shortcircuit the protection device (S1PH, S2PH).

9 Wiring diagrams

9 - 2 Wiring Diagrams - Three Phase

RTSQ14,16PA



PNK: pink	WHT: white
YLW: yellow	ORG: orange
BLU: blue	BLK: black
RED: red	BRN: brown

A1P	Printed circuit board (main)	K2M, K3M	Magnetic contactor (M2C, M3C)	R10	Resistor (current sensor) (A5P, A7P)	X1A~4A	Connector (M1F, M2F)
A2P	Printed circuit board (sub)	K4M	Magnetic contactor (M1C) (A3P)	R50, R59	Resistor	X5A	Connector (S3PH)
A3P	Printed circuit board (noise filter)	K1R, K2R	Magnetic relay (K2M, K3M) (A1P)	R90	Resistor (current sensor)	X1M	Terminal strip (power supply)
A4P	Printed circuit board (INV)	K1R	Magnetic relay (E4HC) (A2P)	R95	Resistor (current limiting)	X1M	Terminal strip (control) (A1P)
A5P, A8P	Printed circuit board (fan)	K1R	Magnetic relay (A4P)	R1T	Thermistor (air) (A1P)	Y1E	Electronic expansion valve (main)
A6P, A7P	Printed circuit board (current sensor)	K2R	Magnetic relay (Y6S) (A2P)	R1T	Thermistor (fin) (A4P)	Y2E	Electronic expansion valve (charge)
A9P	Printed circuit board (sub)	K3R	Magnetic relay (Y1S) (A1P)	R2T	Thermistor (heat exc. gas)	Y3E	Electronic expansion valve (subcool)
BS1~5	Push button switch (Mode, set, return, test, reset)	K3R	Magnetic relay (Y8S) (A2P)	R31T~33T	Thermistor (M1C~3C discharge)	Y1S	Solenoid valve (RMTG)
		K3R	Magnetic relay (A3P)	R4T	Thermistor (heat exc. deicer)	Y2S	Solenoid valve (4 way valve) (pipe)
C1	Capacitor	K4R	Magnetic relay (Y2S)	R5T	Thermistor (sub cool heat exc. gas)	Y3S	Solenoid valve (4 way valve) (heat exc.)
C63, C66	Capacitor	K5R	Magnetic relay (Y3S) (A1P)	R6T	Thermistor (sub cool heat exc. liquid)	Y4S	Solenoid valve (RMTL)
E1HC~3HC	Crankcase heater	K5R	Magnetic relay (Y5S) (A2P)	R7T	Thermistor (heat exc. liquid)	Y5S	Solenoid valve (hot gas)
E4HC	El. compo. box heater	K6R	Magnetic relay (E1S)	R8T	Thermistor (suction)	Y6S	Solenoid valve (EV bypass)
F1U, F2U	Fuse (T, 3, 15A, 250V) (A1P)	K7R	Magnetic relay (E4HC) (A2P)	R9T	Thermistor (liquid)	Y7S	Solenoid valve (RMTD)
F1U	Fuse (T, 3, 15A, 250V) (A2P)	K8R	Magnetic relay (E2HC) (A1P)	S1NPH	Pressure sensor (high)	Y8S	Solenoid valve (RMTT)
F1U	Fuse (8A, DC650V) (A5P, A7P)	K8R	Magnetic relay (Y9S) (A2P)	S2NPL	Pressure sensor (low)	Y9S	Solenoid valve (hot gas)
F1U~6U	Fuse	K9R	Magnetic relay (E3HC)	S1PH~3PH	Pressure switch (high)	Z1C~10C	Noise filter (ferrite core)
F400U	Fuse (T, 6, 3A, 250V) (A3P)	K11R	Magnetic relay (Y4S)	T1A	Current sensor (A6P, A7P)	Z1F	Noise filter (with surge absorber)
H1P~8P	Pilot lamp (service monitor: orange) [H2P] Prepare, test ---- flickering Malfunction detection - light up	L1R	Reactor	T2A	Current sensor (A9P)		
		M1C~3C	Motor (compressor)	V1CP	Safety devices input		Connector for optional parts
		M1F, M2F	Motor (fan)	V1R	Diode bridge (A4P)	X9A	Power supply (adapter) (A2P)
HAP	Pilot lamp (service monitor: green) (A1P) (A2P)	PS	Switching power supply (A1P, A4P)	V1R	Power module (A5P, A8P)		
K2M	Magnetic contactor (M1C) (A4P)	Q1RP	Phase reversal detect circuit	V2R	Power module		

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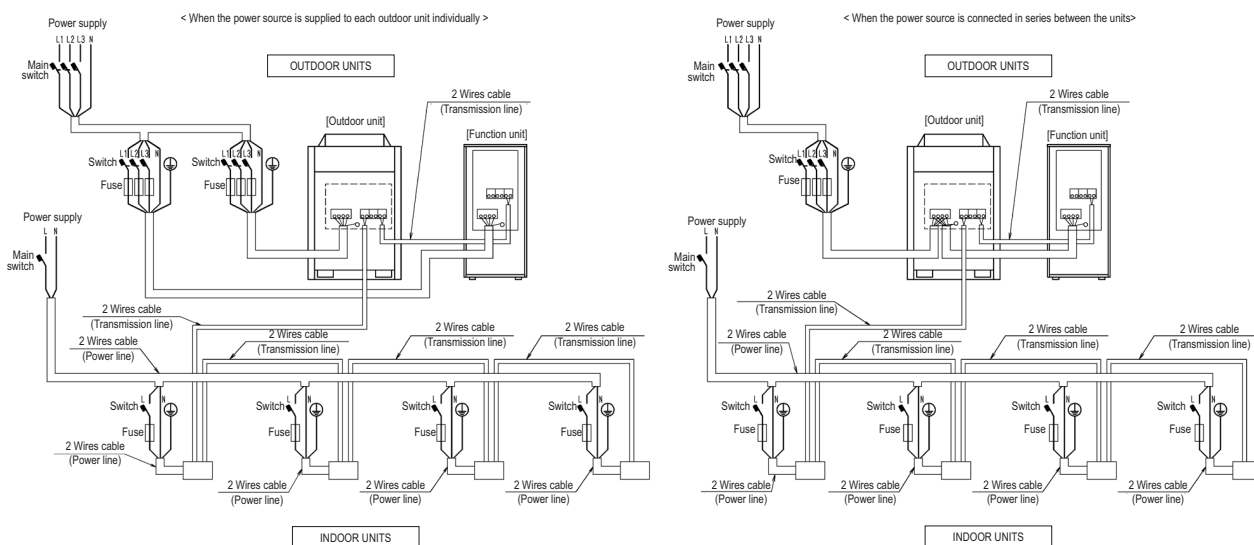
NOTES

- : terminal strip, □□□ : connector, ○-○ : terminal, -□-□- : field wiring, ⊕ : protective earth (screw)
- This wiring diagram is applied only to the outdoor unit.
- When using the optional adapter, refer to the installation manual of the optional adapter.
- For connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2, outdoor-multi transmission Q1 - Q2, refer to the installation manual.
- How to use BS1~5, refer to "service precaution" label on el. compo. box cover.
- When operating, don't shortcircuit the protection device (S1~3PH).

10 External connection diagrams

10 - 1 External Connection Diagrams

RTSYQ10,14,16PA

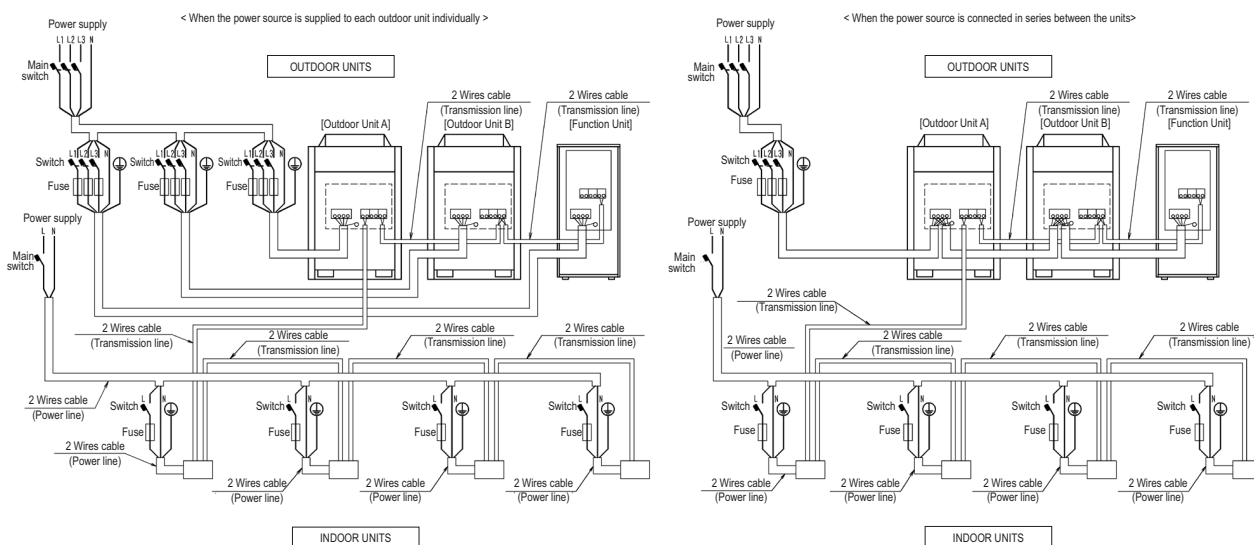


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NOTES

1. All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2. Use copper conductors only.
3. As for details, see wiring diagram.
4. Install circuit breaker for safety.
5. All field wiring and components must be provided by licensed electrician.
6. Unit shall be grounded in compliance with the applicable local and national codes.
7. Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8. Be sure to install the switch and the fuse to the power line of each equipment.
9. Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10. The capacity of UNIT1 must be larger than UNIT2 when the power source is connected in series between the units.
11. If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally. Running the product in reversed phase may break the compressor and other parts.

RTSYQ20PA



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NOTES

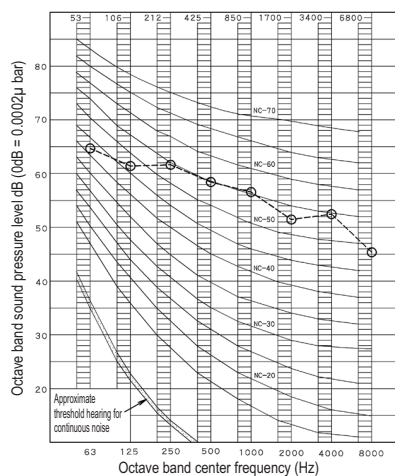
1. All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2. Use copper conductors only.
3. As for details, see wiring diagram.
4. Install circuit breaker for safety.
5. All field wiring and components must be provided by licensed electrician.
6. Unit shall be grounded in compliance with the applicable local and national codes.
7. Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8. Be sure to install the switch and the fuse to the power line of each equipment.
9. Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10. The capacity of UNIT1 must be larger than UNIT2 when the power source is connected in series between the units.
11. If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally. Running the product in reversed phase may break the compressor and other parts.

11 Sound data

11 - 1 Sound Pressure Spectrum

11

RTSYQ10PA - Maximum

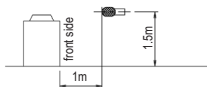


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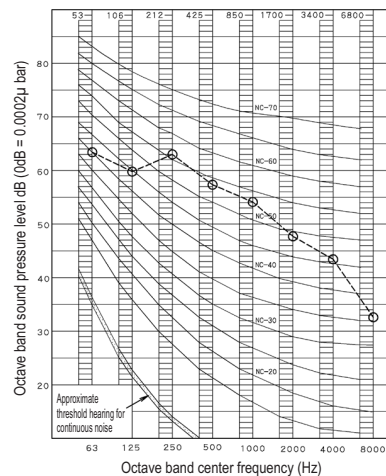
NOTES

1. Over All (dB):
(B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions:
Power source: Y1: 380-415V 50Hz
Maximum compressor operating capacity
5. Location of microphone.

Scale	50Hz
A	62
C	69



RTSYQ10PA - Nominal

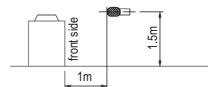


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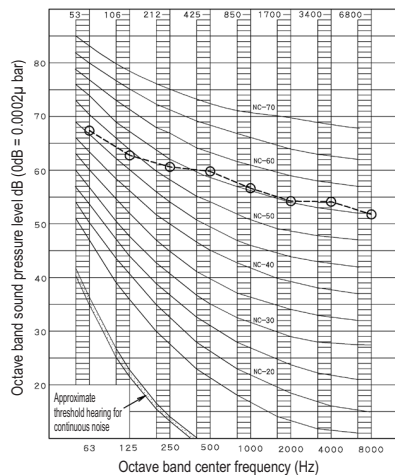
NOTES

1. Over All (dB):
(B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions:
Power source: Y1: 380-415V 50Hz
JIS Standard
5. Location of microphone.

Scale	50Hz
A	60
C	67



RTSYQ14PA - Maximum

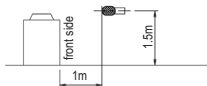


4D059341B

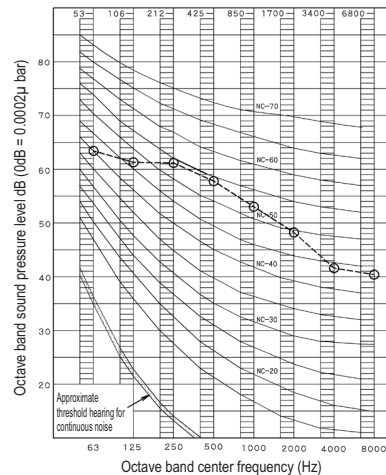
NOTES

1. Over All (dB):
(B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions:
Power source: Y1: 380-415V 50Hz
Maximum compressor operating capacity
5. Location of microphone.

Scale	50Hz
A	63
C	70



RTSYQ14PA - Nominal

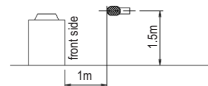


4D059345B

NOTES

1. Over All (dB):
(B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions:
Power source: Y1: 380-415V 50Hz
JIS Standard
5. Location of microphone.

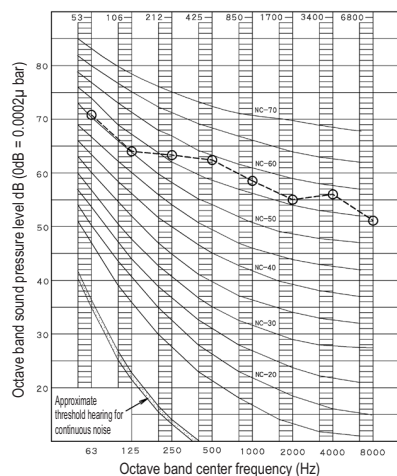
Scale	50Hz
A	61
C	69



11 Sound data

11 - 1 Sound Pressure Spectrum

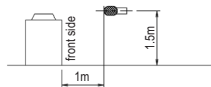
RTSYQ16PA - Maximum



4D059342C

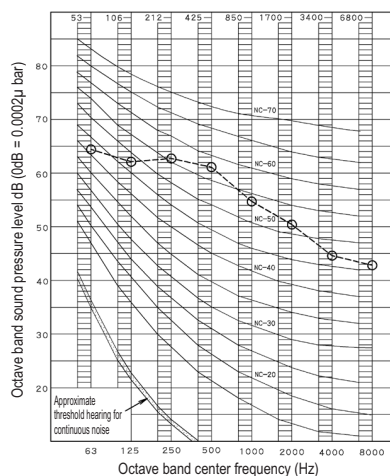
NOTES

- Over All (dB):
(B,G,N is already rectified)
- Measuring place: Anechoic chamber (conversion value)
- The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
- Operating conditions:
Power source: Y1: 380-415V 50Hz
Maximum compressor operating capacity
- Location of microphone.



Scale	50Hz
A	65
C	73

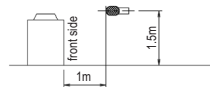
RTSYQ16PA - Nominal



4D059346C

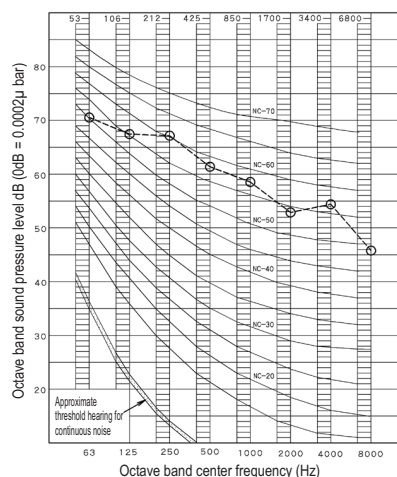
NOTES

- Over All (dB):
(B,G,N is already rectified)
- Measuring place: Anechoic chamber (conversion value)
- The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
- Operating conditions:
Power source: Y1: 380-415V 50Hz
JIS Standard
- Location of microphone.



Scale	50Hz
A	63
C	71

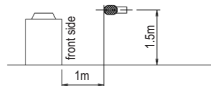
RTSYQ20PA - Maximum



4D059343B

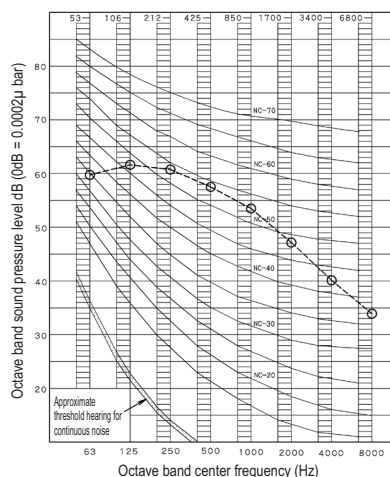
NOTES

- Over All (dB):
(B,G,N is already rectified)
- Measuring place: Anechoic chamber (conversion value)
- The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
- Operating conditions:
Power source: Y1: 380-415V 50Hz
Maximum compressor operating capacity
- Location of microphone.



Scale	50Hz
A	65
C	72

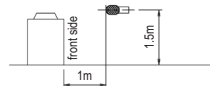
RTSYQ20PA - Nominal



4D059347B

NOTES

- Over All (dB):
(B,G,N is already rectified)
- Measuring place: Anechoic chamber (conversion value)
- The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
- Operating conditions:
Power source: Y1: 380-415V 50Hz
JIS Standard
- Location of microphone.



Scale	50Hz
A	63
C	70

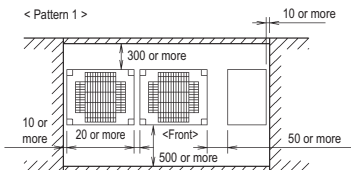
12 Installation

12 - 1 Service Space

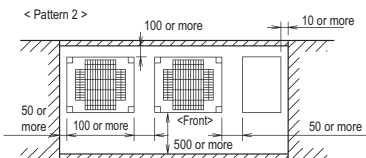
RTSYQ-PA

For single unit installation

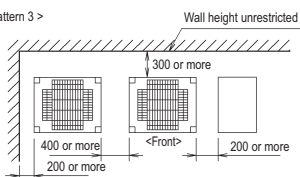
< Pattern 1 >



< Pattern 2 >

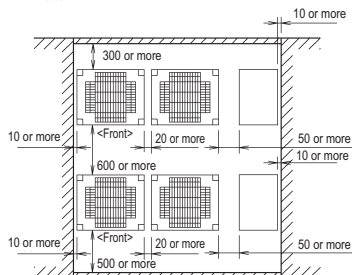


< Pattern 3 >

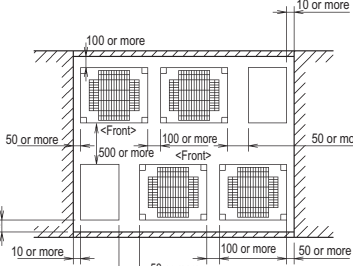
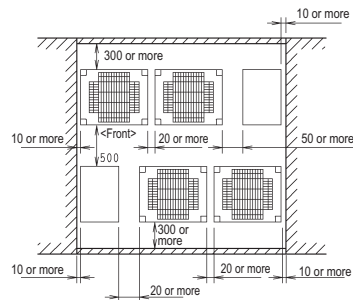
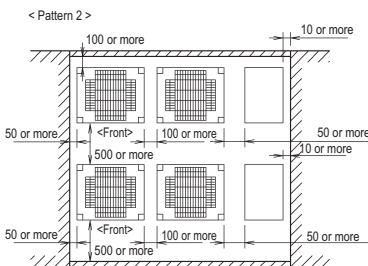


For installation in rows

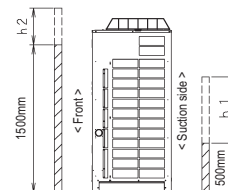
< Pattern 1 >



< Pattern 2 >



< Unit: mm >



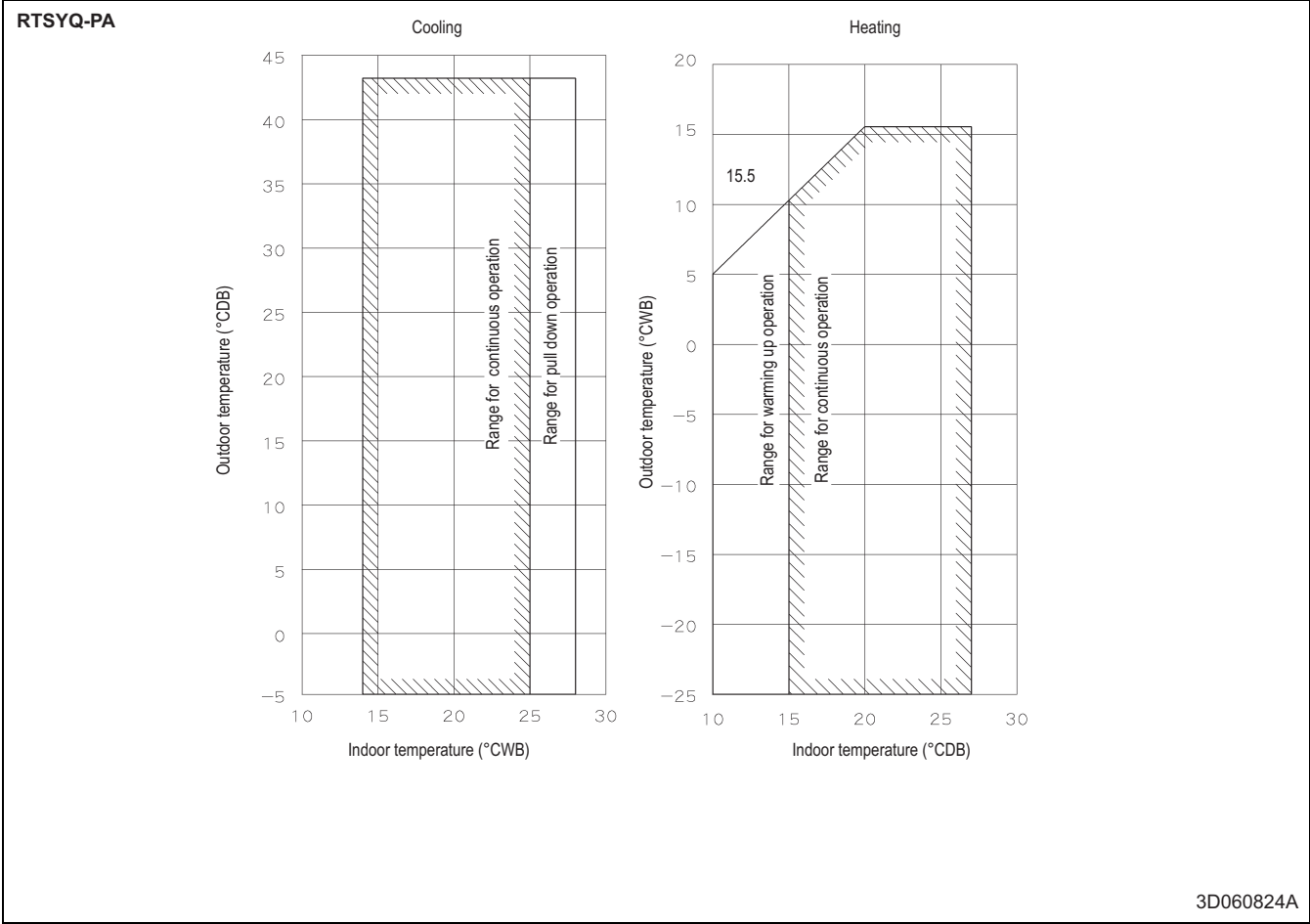
3D059348C

NOTES

- Heights of walls in case of Patterns 1 and 2:
Front: 1500 mm
Suction side : 500 mm
Side: Height unrestricted.
Installation space to be shown in this drawing is based on the cooling operation at 35 degrees outdoor air temperature. When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability because of much generation load of heat in all outdoor unit, take the suction side space more broadly than the space to be shown in this drawing.
- If the above wall heights are exceeded then $h/2$ and $h/1$ should be added to the front and suction side service spaces respectively as shown in the figure on the right.
- When installing the units most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough space for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
- The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.
- Installation of snowbreak hood (field supply; ask you dealer for details) is recommended in case there expected an effect from snow and space between outdoor unit and function unit is more than 100 mm.

13 Operation range

13 - 1 Operation Range





These products are not within the scope of the Eurovent certification program

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