

AIR-TO-AIR HEAT PUMPS WITHOUT EXTERNAL UNIT

UNICO AIR

[EFA]

Size	20
Energy class	A
Technology	on/off
Refrigerant	R32



Ultra-slim design: only 16 cm deep

All Unico's technology is contained in a particularly compact volume (only 16 cm thick) that simplifies positioning in the smallest spaces of the home, where it easily integrates thanks to its minimalist design. Its reduced overall dimensions does not compromise acoustic comfort: thanks to sound-absorbing and anti-vibration materials and the Sleep function, the noise level of the unit is among the lowest.

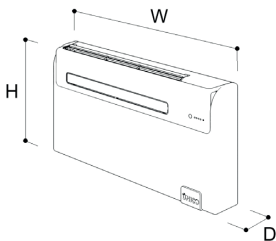
Also suitable for recessed installation

Its reduced thickness makes it suitable for recessed installation, which makes Unico invisible even inside the home. With the use of the special formwork (1114x171xh125 mm) and the paintable front metal closing panel (1173x9xh754 mm), integrating the unit into the interior design of the room is even easier.

TECHNICAL INFO

- Condensate drain mandatory if used for heating. See the installation manual for details.
- Multi-filtering system consisting of electrostatic filter (with anti-dust function) and activated carbon filter (effective against odors).
- Wide flap for even air diffusion in the room.

DIMENSIONS AND WEIGHT



		Unico Air
W	mm	978
H	mm	491
D	mm	164
WEIGHT	kg	37

- Cooling
- Heating
- Dehumidification
- Ventilation
- Auto Mode
- Sleep Mode
- Timer

COMPATIBLE ACCESSORIES

B1015	Wireless kit
B1014	Wireless serial interface
B1012	Wireless wall control
B0776	Recessed closing panel
B0775	Recessed formwork
B0564	Grille kit diameter 160 mm
B0620	Heating cable
B0753	Rain cover kit for 200 mm grilles



TECHNICAL DATA

				Unico Air HP EFA
Product code				02595
EAN code				8021183025958
Nominal cooling capacity	Pnominale	(1)	kW	 1.8
Output power in cooling mode (min/rated/max)		(1)	kW	- / 1.8 / -
Cooling power with Silent Mode function			kW	-
Absorbed power in cooling mode (min/rated/max)		(1)	kW	- / 0.7 / -
Absorption in cooling mode (min/nom/max)		(1)	A	- / 3.1 / -
Energy consumption for double-duct equipment - cooling	QDD	(1)	kWh/h	0.7
Energy efficiency class in cooling		(1)		A
Indoor air flow rate in cooling mode (min/average/max)			m³/h	150/180/215
Outdoor air flow rate in cooling mode (min/average/max)			m³/h	- / - / 380
Dehumidification capacity			l/h	0.6
EER	EERd	(1)		2.6
Nominal heating capacity	Pnominale	(1)	kW	 1.7
Output power in heating mode (min/rated/max)		(1)	kW	- / 1.7 / -
Heating power with Silent Mode function			kW	-
Absorbed power in heating mode (min/rated/max)		(1)	kW	- / 0.5 / -
Absorption in heating mode (min/nom/max)		(1)	A	- / 2.5 / -
Energy consumption for double-duct equipment - heating	QDD	(1)	kWh/h	0.5
Energy efficiency class in heating mode		(1)		A
Indoor air flow rate in heating mode (min/average/max)			m³/h	150/180/215
Outdoor air flow rate in heating mode (min/average/max)			m³/h	- / - / 380
COP	COPd	(1)		3.1
Electrical heating resistance (min/med/max)			kW	-
Maximum power consumption with electric resistance heating			kW	-
Maximum absorption with electric resistance heating			A	-
Indoor air flow rate with electric resistance in heating mode (min/med/max)			m³/h	-
Internal sound pressure (min/max)		(2)	dB(A)	 27-38
Internal sound pressure in Silent Mode			dB(A)	-
Energy consumption in "thermostat off" mode	PTO		W	14.0
Energy consumption in "standby" mode (EN 62301)	PSB		W	0.5
Supply voltage			V-F-Hz	230-1-50
Supply voltage (min/max)			V	198 / 264
Power cable (N° pole x section mmq)				3 x 1.5
Internal ventilation speed				3
External ventilation speed				1
Diameter wall holes		(3)	mm	162
Maximum wall hole depth			m	1
Degree of protection of casing				IP 20
Refrigerant gas		(4)	Type	R32
Refrigerant gas charge			kg	0.32
Global warming potential	GWP			675
Maximum operating pressure			MPa	4.20
Maximum remote control range (distance/angle)			m / °	8 / ±80°
Dimensions (WxHxD) (without packaging)			mm	978 x 491 x 164
Dimensions (WxHxD) (with packaging)			mm	1060 x 595 x 250
Weight (without packaging)			kg	37
Weight (with packaging)			kg	41

LIMITS OF OPERATING CONDITIONS

Outdoor environment	Operating temperatures in cooling mode (min/max)	- / DB 43°C
	Operating temperatures in heating mode (min/max)	DB -15°C / DB 24°C
Indoor environment	Operating temperatures in cooling mode (min/max)	DB 18°C / DB 35°C
	Operating temperatures in heating mode (min/max)	- / DB 27°C

(1) Test conditions: the nominal data refers to the EN14511 Standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C - COOLING MODE: Temperature: outdoor environment DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C. The energy efficiency classes refer to a range between A+++ and D.

(2) Declaration of test data in a semi-anechoic chamber at a distance of 2m, minimum pressure in ventilation only.

(3) Machine supplied with grilles for 162 mm wall holes.

(4) Hermetically sealed equipment containing fluorinated gas with GWP equivalent 675.