



UNICO AIR

The slimmest, with inverter motor



RECLAIMED REFRIGERANT

It uses R410A reclaimed refrigerant gas. This refrigerant, identical to virgin refrigerant in purity and specifications, is reclaimed from existing industrial processes and subsequently re-processed. By avoiding the production of virgin refrigerant, Unico contributes to the development of a circular economy.



SLIM DESIGN

All Unico's technology in just 16 cm thickness. Unico Air is the thinnest air conditioner without outdoor unit,



SILENT SYSTEM

Thanks to sound-absorbing and anti-vibration materials, Unico Air ensures the lowest noise levels in the range. Sound pressure drops up to 27 dB (A)*



FEATURES

- Max power: 2.7 kW
- Available in the SF (Cool Only) - HP (Heat Pump) versions
- Cooling class **A**
- Reclaimed R410A refrigerant gas
- Large flap for the homogeneous diffusion of air in the environment Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).
- Multifunction remote control

FUNCTIONS

- **Cooling, heating (HP only), dehumidification and ventilation**
- **Economy function:** allows energy savings, automatically optimising machine performance
- **Auto function:** modulates the operating parameters in relation to the room temperature.
- **Sleep function:** gradually increases the set temperature and ensures reduced noise for better night-time well-being.
- **24 H timer**

DIMENSIONS AND WEIGHT



		10
A	mm	978
B	mm	164
C	mm	500
Weight	kg	39

* Measurement in a semi-anechoic chamber at 2m distance ventilation only.

TECHNICAL DATA			Unico Air Inverter 10 SF	Unico Air Inverter 10 HP
PRODUCT CODE			01997	01802
EAN CODE			8021183019971	8021183018028
Cooling power (min/max)		kW	1,2/2,7	1,2/2,7
Heating power (min/max)		kW	-	1,1/2,4
Nominal cooling capacity (1)	Prated	kW	 2,3	 2,3
Nominal heating capacity (1)	Prated	kW	-	 2,0
Nominal power consumption for cooling (1)	PEER	kW	0,9	0,9
Nominal absorption for cooling (1)		A	3,9	3,9
Nominal power consumption for heating (1)	PCOP	kW	-	0,6
Nominal absorption for heating (1)		A	-	2,9
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd	COPd	-	3,1
Energy efficiency class in cooling (1)			 A	 A
Energy efficiency class in heating (1)			-	 A
Energy consumption in "thermostat off" mode	PTO	W	33	33
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD	kWh/h	0,9	0,9
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	-	0,6
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage (min/max)		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		KW	0,4/1,1	0,4/1,1
Absorption in cooling mode (min/max)		A	1,8-4,1	1,8-4,1
Absorbed power in heating mode (min/max)		KW	-	0,3/0,9
Maximum absorption in heating mode (min/max)		A	-	1,5-3,65
Maximum power consumption with electric resistance heating		kW	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	0,8	0,8
Air flow rate in cooling environment (max/med/min)		m³/h	235/180/150	235/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	190/170/150
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling (max/min)		m³/h	380 / 190	380 / 190
External air flow rate in heating (max/min)		m³/h	-	380 / 190
Internal ventilation speed			3	3
External ventilation speed			2	2
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum remote control range (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (WxHxD) (without packaging)		mm	978 x 500 x 164	978 x 500 x 164
Dimensions (WxHxD) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		kg	39	39
Weight (with packaging)		kg	43	43
Internal sound pressure (min/max) (2)		dB(A)	 27-38	 27-38
Internal sound power level (EN 12102)	LWA	dB(A)	54	54
Degree of protection provided by covers			IP20	IP20
Refrigerant gas*		Type	R410A reclaimed	R410A reclaimed
Global warming potential	GWP		2088	2088
Refrigerant gas charge		kg	0,46	0,46
Maximum operating pressure		MPa	4,20	4,20
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor ambient temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor ambient temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C - COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C

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

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.