

UNICO AIR

The slimmest, with inverter motor



RECLAIMED REFRIGERANT

Available (in 10 SF and HP models) with reclaimed R410A: a refrigerant identical to the original one, but recovered from existing systems. For an increasingly 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)*



INVERTER SYSTEM

The motor speed is constantly adjusted according to the set temperature, to optimise energy consumption.



HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace or support traditional heating in intermediate seasons (only in HP version).

FEATURES

Two models of Max power: 2.2 kW and 2.7 kW
Available in the SF (Cool Only) - HP (Heat Pump) versions
Cooling class **A**
R410A refrigerant gas**
Top or bottom wall installation
Ease of installation: Unico can be installed from the inside in just a few minutes
Wireless wall control (Optional)
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
24h timer

FUNCTIONS

Economy mode: allows energy saving by automatically optimizing the machine's performance
Fan only mode
Dehumidification only mode
Auto mode: changes parameters depending on ambient temperature.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.



















UNICO AIR INVERTER 8			
A	B	C	Weight
978 mm	164 mm	491 mm	37 kg

UNICO AIR INVERTER 10			
A	B	C	Weight
978 mm	164 mm	500 mm	39 kg

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

** Hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 2088.

			Unico Air Inverter 8 SF	Unico Air Inverter 8 HP	Unico Air Inverter 10 SF	Unico Air Inverter 10 HP
PRODUCT CODE			01601	01600	01997	01802
EAN CODE			8021183016017	8021183016000	8021183019971	8021183018028
Cooling power (min/max)		kW	1,2/2,2	1,2/2,2	1,2/2,7	1,2/2,7
Heating power (min/max)		kW	-	1,1/2,0	-	1,1/2,4
Nominal cooling capacity (1)	P rated	kW	 1,8	 1,8	 2,3	 2,3
Nominal heating capacity (1)	P rated	kW	-	 1,7	-	 2,0
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7	0,9	0,9
Nominal absorption for cooling (1)		A	3,1	3,1	3,9	3,9
Nominal power consumption for heating (1)	PCOP	kW	-	0,5	-	0,6
Nominal absorption for heating (1)		A	-	2,5	-	2,9
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1	-	3,1
Energy efficiency class in cooling (1)						
Energy efficiency class in heating (1)			-		-	
Energy consumption in "thermostat off" mode	PTO	W	24	24	33	33
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD	kWh/h	0,7	0,7	0,9	0,9
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	-	0,5	-	0,6
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50
Supply voltage (min/max)		V	198 / 264	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,4/0,9	0,4/0,9	0,4/1,1	0,4/1,1
Maximum absorption in cooling mode (1)		A	1,8-4,1	1,8-4,1	1,8-4,1	1,8-4,1
Maximum power consumption in heating mode (1)		kW	-	0,3/0,7	-	0,3/0,9
Maximum absorption in heating mode (1)		A	-	1,5-3,65	-	1,5-3,65
Maximum power consumption with electric resistance heating		kW	-	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-	-
Dehumidification capacity		l/h	0,6	0,6	0,8	0,8
Air flow rate in cooling environment (max/med/min)		m³/h	235/180/150	235/180/150	235/180/150	235/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	190/170/150	-	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	380 / 190	380 / 190
External air flow rate in heating (max/min)		m³/h	-	380 / 190	-	380 / 190
Internal ventilation speed			3	3	3	3
External ventilation speed			2	2	2	2
Diameter wall holes		mm	162	162	162	162
Electric resistance heating			-	-	-	-
Maximum remote control range (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164	978 x 500 x 164	978 x 500 x 164
Dimensions (W x H x D) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		kg	37	37	39	39
Weight (with packaging)		kg	41	41	43	43
Internal sound pressure (Min Max) (2)		dB(A)	 27-38	 27-38	 27-38	 27-38
Internal sound power level (EN 12102)	LWA	dB(A)	53	53	54	54
Degree of protection provided by covers			IP 20	IP 20	IP20	IP20
Refrigerant gas*		Type	R410A	R410A	R410A reclaimed	R410A reclaimed
Global warming potential	GWP		2088	2088	2088	2088
Refrigerant gas charge		kg	0,37	0,37	0,46	0,46
Maximum operating pressure		MPa	4,20	4,20	4,20	4,20
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	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 to 2088