

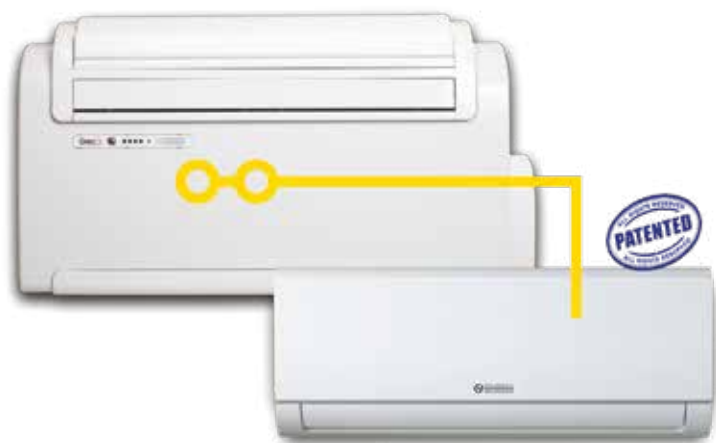
UNICO® TWIN

Italian design by:

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design + architettura



The system without outdoor unit to air condition two rooms at the same time. Two indoor units, the traditional UNICO unit and the UNICO WALL unit, are connected by a refrigerating circuit.



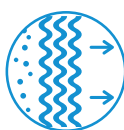
TWIN TECHNOLOGY

Thanks to Twin® technology, double room air-conditioning is performed in total aesthetic integration with the building, with a considerable simplification of design. Twin® technology allows the use of the two units (Master unit and Wall unit) simultaneously or separately depending on requirements, both in heating and cooling mode.



HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace or support traditional heating in intermediate seasons.



PURE SYSTEM 2

A multi-filtering system which combines an electrostatic filter (which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent the insurgence of allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

SYSTEM features

Independent or combined mode: if you choose simultaneous mode the two units share the available power *
Available in versions: HP (Heat pump)
Double class **A**
Refrigerant gas R410A**
Multifunction double remote control
24h Timer

MASTER features

Cooling capacity: 2.6 kW
HP mode capacity (heat pump): 2.5 kW
Installation versatility: top or bottom wall installation
Possible glass installation*
Easy installation: Unico Twin can be installed from the inside in a few minutes
Large flap for a homogeneous diffusion of the air in the environment

WALL S1 features

Nominal cooling capacity: 2.6 kW
Nominal heating capacity: 2.5 kW
Sound power level: 46 dB(A)

FUNCTIONS

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.

Installation note

By maintaining the same center to center distance of inlet and outlet holes, Unique Twin Master can easily substitute previously installed Unico models.

* During simultaneous operation the inside units are forced at minimum speed.
** Not hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.

NEW

			Unico Twin Master
PRODUCT CODE	01273		
EAN CODE	8021183012736		
Nominal cooling capacity (1)	Pnom.	KW	2,6
Nominal heating capacity (1)	Pnom.	KW	2,5
Nominal power consumption for cooling (1)	PEER	KW	0,9
Nominal absorption for cooling (1)		A	4,3
Nominal power consumption for heating (1)	PCOP	KW	0,8
Nominal absorption for heating (1)		A	3,5
Nominal energy efficiency index (1)	EERd		2,7
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			A
Energy efficiency class in heating (1)			A
Energy consumption in "thermostat off" mode	PTO	W	14,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,8
Supply voltage	V-F-Hz		230-1-50
Supply voltage minimum/maximum	V		198 / 264
Maximum power consumption in cooling mode (1)		W	1200
Maximum absorption in cooling mode (1)		A	5,4
Maximum power consumption in heating mode (1)		W	1080
Maximum absorption in heating mode (1)		A	4,8
Dehumidification capacity		l/h	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	450 / 400 / 330
Air flow rate in cooling environment (max/med/min)		m³/h	500 / 370 / 340
External air flow rate in heating (max/min)		m³/h	500 / 370 / 340
Internal ventilation speed			3
External ventilation speed			3
Diameter wall holes		mm	162** / 202
Dimensions (W x H x D) (without packaging)		mm	902 x 516 x 229
Weight (without packaging)		Kg	40,5
Internal sound power level (EN 12102)	LWA	dB(A)	57
Internal sound pressure (Min Max) (2)		dB(A)	33-42
Degree of protection provided by covers			IP 20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,85
Power cable (N° pole x section mm2)			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	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

Performance and optimal operation are guaranteed with units operating alternately. In simultaneous operation ambient air fan speed works at minimum speed. Performance is measured by gas piping at a length of 5 m.

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C - COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C.

(2) Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.

- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.

*Not hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.

**Machine supplied with 202 mm wall opening grilles. Thanks to the maintenance of the same axis of the air intake and output holes and to its configuration. The machine can also be installed with 162 mm diameter openings.

			Unico Twin Wall S1
PRODUCT CODE	01996		
EAN CODE	8021183019964		
Nominal cooling capacity (1)	KW		2,5
Nominal heating capacity (1)	KW		2,2
Nominal power consumption for cooling (1)	KW		0,9
Nominal absorption for cooling (1)	A		4,2
Nominal power consumption for heating (1)	KW		0,7
Nominal absorption for heating (1)	A		3,2
Maximum power consumption in cooling mode (1)	W		1200
Maximum absorption in cooling mode (1)	A		5,4
Maximum power consumption in heating mode (1)	W		1080
Maximum absorption in heating mode (1)	A		4,8
Dehumidification capacity	l/h		1,0
Air flow rate in cooling environment (max/med/min)	m³/h	450 / 400 / 340	
Air flow rate in heating environment (max/med/min)	m³/h	450 / 400 / 340	
Internal ventilation speed			3
Dimensions (W x H x D) (without packaging)	mm		805 x 285 x 194
Weight (without packaging)	Kg		7,5
Internal sound power level (EN 12102)	dB(A)		46
Internal sound pressure (Min Max) (2)	dB(A)		25-36
Degree of protection provided by covers			IP X1
Power cable (N° pole x section mm2)			3 x 1
Connecting liquid pipeline diameter	inch - mm		1/4 - 6,35
Connecting gas pipeline diameter	inch - mm		3/8 - 9,52
Maximum piping length	m		10
Maximum height difference	m		5

Easy installation



MASTER UNIT

Thanks to the template included in the package, the MASTER unit is installed, completely from the inside and in a few minutes, with the two holes of 202 mm diameter in the first room to bear conditioned.



The MASTER unit is connected to the WALL unit, thanks to the gas connection on the right side of the unit. Maximum length refrigerant lines: 10 meters.



WALL UNIT

The WALL unit is installed on the wall of the second room to be air conditioned.