



## MULTI-ROOM FIXED AIR CONDITIONER WITHOUT OUTDOOR UNIT

### UNICO TWIN MASTER – CODE 01273

#### CHARACTERISTICS

Cooling power: 2.6 kW

Power output in HP (heat pump) mode: 2.5 kW

Installation versatility: High or low wall-installation.

Easy to install: Unico Twin can be installed in a few minutes, with no outside work required.

Wide flap for homogeneous air diffusion in the room

### UNICO TWIN – WALL CODE 01274

#### CHARACTERISTICS

Cooling power: 2.5 kW

Power output in HP (heat pump) mode: 2.2 kW

Up to 15% more silent\*

\* In-house lab tests have confirmed reduction of noise level compared to traditional systems  
Double Duct Olimpia Splendid



## NO OUTDOOR UNIT

Our patented Unico technology has made it possible to combine into a single unit what is traditionally divided into two, outdoor motor and split unit indoor; this respects the original spirit of the buildings, blending in perfectly with the architecture and substantially simplifying projects. All you see on the outside of the building are the two air aspiration and exhaust grilles.



## TWIN TECHNOLOGY

Thanks to our TWIN<sup>®</sup> technology, two-room climate control is achieved in perfect harmony with the aesthetics of the building and the design process is streamlined. Our Twin technology makes it possible to use the two units (Master unit and Wall unit) jointly or separately as needed, in heating mode or cooling mode.



## PURE SYSTEM 2

A multi-filtering system combines an electrostatic filter (which removes small particles such as smoke, dust, pollen, pet hair to prevent allergic reactions) with an activated carbon filter (which eliminates bad odours and inactivates any harmful gas that may be present).



## WARM SYSTEM

Heat pump air conditioner. Thanks to this function it is possible to replace or supplement traditional heating systems in intermediate seasons.

## SYSTEM FUNCTIONS

Ventilation only function

Dehumidification only function

Auto function: adjusts operation parameters based on ambient temperature

Sleep function: gradually increases the temperature setting and guarantees reduced noise level for greater comfort during the night.

## SYSTEM CHARACTERISTICS

Separate or combined operation: if simultaneous operation is selected, the two units will share the available power. \*

Double class A

Ecologic gas R410A

Multi-function remote control

24h timer

Thanks to the fact that the same centre distance of air inlet and outlet holes has been maintained and that installation with 162 mm holes is also possible, Unico Twin Master can easily replace the Unico models previously installed.

\*In simultaneous operation the indoor units are forced at minimum speed

## TECHNICAL DATA - UNICO TWIN MASTER



Model			UNICO TWIN MASTER
Code			01273
Rated cooling power (1)	Prated	kW	2,6
Rated heating power (1)	Prated	kW	2,5
Rated absorbed power in cooling mode (1)	PEER	kW	0,9
Rated absorption in cooling mode (1)		A	4,3
Rated absorbed power in heating mode (1)	PCOP	kW	0,8
Rated absorption in heating mode (1)		A	3,5
Rated energy efficiency index (1)	EERd		2,7
Rated efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling mode (1)			A
Energy efficiency class in heating mode (1)			A
Energy consumption in "thermostat off" mode	PTO	W	14,0
Energy consumption in "stand-by" mode (EN 62301)	PSB	W	1,0
Energy consumption for double duct units (1) in cooling mode	QDD	kWh/h	0,9
Energy consumption for double duct units (1) in heating mode	QDD	kWh/h	0,8
Power supply voltage		V-F-Hz	230-1-50
Minimum/maximum power supply voltage		V	198 / 264
Maximum absorbed power in cooling mode (1)		W	1200
Maximum absorption in cooling mode (1)		A	5,4
Maximum absorbed power in heating mode (1)		W	1080
Maximum absorption in heating mode (1)		A	4,8
Dehumidification rate		l/h	1,1
Air flow rate in cooling mode (max/med/min)		m³/h	490 / 430 / 360
Air flow rate in heating mode (max/med/min)		m³/h	450 / 400 / 330
External air flow rate in cooling mode (max/med/min)		m³/h	500 / 370 / 340
External air flow rate in heating mode (max/med/min)		m³/h	500 / 370 / 340
Indoor ventilation speed			3
Outdoor ventilation speed			3
Diameter of wall holes		mm	202**
Dimensions (Width x H x Depth ) (without packaging)		mm	902 x 516 x 229
Weight (without packaging)		Kg	40,5
Sound power (indoor only) (EN 12102)	LWA	dB(A)	55
Degree of protection of casing			IP 20
Refrigerant gas		Tipo-Type	R410A
Overall heating potential	GWP	kgCO2 eq.	1975
Refrigerant gas charge		kg	0,85
Power supply cable (no. of poles x section m2)			3 x 1,5

## TECHNICAL DATA - UNICO TWIN WALL



Model			UNICO TWIN WALL
Code			01274
Rated cooling power (1)		kW	2,5
Rated heating power (1)		kW	2,2
Rated absorbed power in cooling mode (1)		kW	0,9
Rated absorption in cooling mode (1)		A	4,2
Rated absorbed power in heating mode (1)		kW	0,7
Rated absorption in heating mode (1)		A	3,2
Maximum absorbed power in cooling mode (1)		W	1200
Maximum absorption in cooling mode (1)		A	5,4
Maximum absorbed power in heating mode (1)		W	1080
Maximum absorption in heating mode (1)		A	4,8
Dehumidification rate		l/h	1,0
Room air flow rate in cooling mode ( max/med/min )		m³/h	450 / 400 / 340
Air flow rate in heating mode ( max/med/min )		m³/h	450 / 400 / 340
Indoor ventilation speed			3
Dimensions (Width x H x Depth ) (without packaging)		mm	760 x 253 x 190
Weight (without packaging)		Kg	8
Degree of protection of casing			IP X1
Connection cable (no. of poles x section m2)			3 x 1
Diameter of tube in liquid connection line		inch - mm	1/4 - 6,35
Diameter of tube in gas connection line		inch - mm	3/8 - 9,52
Maximum pipe length		m	10
Maximum difference in level		m	5

OPERATING LIMITS		
INDOOR AMBIENT TEMPERATURE	Maximum operating temperature in cooling mode	DB 35°C - WB 24°C
	Minimum operating temperature in cooling mode	DB 18°C
	Maximum operating temperature in heating mode*	DB 27°C
	Minimum operating temperature in heating mode*	-
OUTDOOR AMBIENT TEMPERATURE	Maximum operating temperature in cooling mode	DB 43°C - WB 32°C
	Minimum operating temperature in cooling mode	DB -10°C
	Maximum operating temperature in heating mode*	DB 24°C - WB 18°C
	Minimum operating temperature in heating mode*	DB -10°C

Optimal operation and efficiency are guaranteed with the unit operating in alternating mode  
In simultaneous operation, room air ventilation speeds are forced to minimum speed  
Performance is measured with 5 m long pipes

(1) TEST CONDITIONS: data refer to regulation EN EN14511

\*\*Thanks to the fact that the same centre distance of air inlet and outlet holes has been maintained and that installation with 162 mm holes is also possible, Unico Twin Master can easily replace the Unico Star and Unico Sky models previously installed.