

# UNICO® TOWER INVERTER 12 HP

The air conditioning without outdoor unit in only 470 mm of width and 185 mm deep.



## FEATURES

- Capacity: up to 2,95 kW
- Available in versions: HP (Heat Pump)
- Energy Class **A**
- Refrigerant gas R410A\*
- Bottom installation
- Easy installation: Unico can be installed from the inside in a few minutes
- Wireless wall control (Optional)
- Large flap for even distribution of air in the room
- Backlit display with on-board touch controls
- Multifunctional remote control with LCD standard display
- 24 hour 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.
- Silent Mode:** New function to set the machine at minimum noise level.



### LARGE FLAP

Motorized superior flap for for even distribution of air



### DESIGN MADE IN ITALY

Italian design, with unconventional shapes. Vertically developed, it brings comfort where any other installation would be impossible.



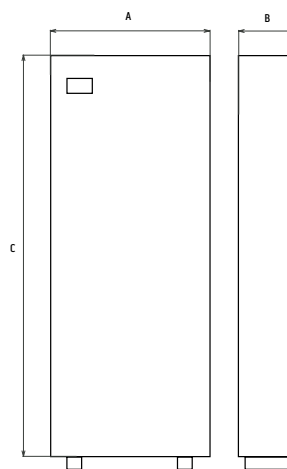
### OLIMPIA SPLENDID INVERTER SYSTEM

Olimpia Splendid's variable speed compressor and inverter control ensure a constant adaptation of the cooling capacity to the ambient thermal load.








### SILENT MODE

All the silence you want using the "silent mode" function.



UNICO TOWER INVERTER 12 HP			
A	B	C	Weight
470 mm	185 mm	1390 mm	54 kg

PRODUCT CODE			01924
EAN CODE			8021183019247
Cooling power (min/max)		kW	1,45 / 2,95
Heating power (min/max)		kW	1,45 / 3,10
Nominal cooling capacity (1)	P rated	kW	 2,45
Nominal heating capacity (1)	P rated	kW	 2,55
Nominal power consumption for cooling (1)	PEER	kW	0,9
Nominal absorption for cooling (1)		A	4,9
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,7
Nominal energy efficiency index (1)	EERd		2,6
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			
Energy efficiency class in heating (1)			
Energy consumption in "thermostat off" mode	PTO	W	29
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
Silent mode cooling capacity		kW	1,45
Silent mode heating capacity		kW	1,45
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		kW	1700
Maximum absorption in cooling mode (1)		A	8,54
Maximum power consumption in heating mode (1)		kW	1400
Maximum absorption in heating mode (1)		A	6,20
Maximum power consumption with electric resistance heating		kW	-
Maximum absorption with electric resistance heating		A	-
Dehumidification capacity		l/h	1,0
Air flow rate in cooling environment (max/med/min)		m³/h	260 / - / -
Air flow rate in heating environment (max/med/min)		m³/h	260 / - / -
Air flow rate with electric resistance heating environment		m³/h	-
External air flow rate in cooling (max/min)		m³/h	486 / -
External air flow rate in heating (max/min)		m³/h	486 / -
Internal ventilation speed			3
External ventilation speed			6
Diameter wall holes		mm	162
Electric resistance heating			-
Maximum range remote control (distance / angle)		m / °	8 / ±80°
Dimensions ( W x H x D ) (without packaging)		mm	470 x 1390 x 185
Dimensions ( W x H x D ) (with packaging)		mm	-
Weight (without packaging)		Kg	54
Weight (with packaging)		Kg	-
Internal sound pressure (Min Max) (2)		dB(A)	 27-40
Internal sound power level (EN 12102)	LWA	dB(A)	57
Silent Mode sound pressure level			31
Silent Mode sound power level	LWA	dB(A)	44
Degree of protection provided by covers			IP20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,50
Maximum operating pressure		MPa	4,20
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

(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.

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