

**NEW**

# UNICO<sup>®</sup> PRO inverter 12 HP A+

The most efficient ever air conditioner without **external unit**.

UNICO PRO INVERTER 12 HP A+ Cod. 01866



Design by Matteo Thun & Antonio Rodriguez



Two methods of connection and all the security of the cloud by Olimpia Splendid



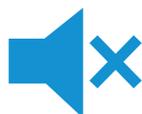
## NEW INVERTER PRO Olimpia Splendid

Powerful, versatile and efficient thanks to a wide range of frequencies available and electronic management of the expansion valve



## HEAT PUMP

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



## SILENT MODE

All the silence you want using the "silent mode" function. A true "orchestra conductor" who skilfully conducts or co-ordinates the inverter compressor (INVERTER PRO) and the ventilated sections (V PRO) for maximum acoustic comfort up to -10dB(A)\*\*. All of this enclosed in a beautiful body and lined with state-of-the-art sound-absorbing material.



## HIGH EFFICIENCY TECHNOLOGY

Class A+ in cooling.



## FULL INVERTER DC FAN

All of the fans are inverter DC and use a new surface design (V PRO). They are designed to guarantee reduced consumption and silence in all conditions of use.



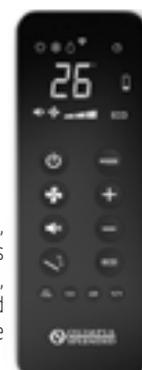
## DESIGNED AND MADE IN ITALY

Designed by Matteo Thun & Antonio Rodriguez to perfectly fit every domestic environment.



## REMOTE CONTROL

"Full digital" remote control, thanks to which functions such as "dehumidification", "silent mode", "sleep" and "ventilation only" can be activated.

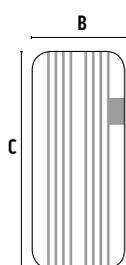
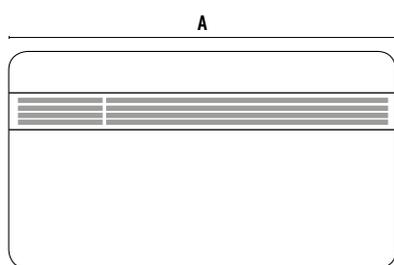


## FEATURES

- Max capacity: 3,4 kW
- Available in versions: HP (Heat Pump)
- Class **A+**
- Refrigerant gas R410A\*
- Installation versatility: top or bottom wall
- Easy installation: Unico can be installed from the inside in a few minutes
- Wireless wall control (Optional)
- Large flap for homogeneous air diffusion in the room
- Backlight 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.



UNICO PRO INVERTER 12 HP A+				
	A	B	C	Weight kg
mm	903	215	520	39

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

\*\*Sound power

			UNICO PRO INVERTER 12HP A+
Product code			01866
Cooling power (min/max) (1)		kW	1,7 / <b>3,4</b>
Heating power (min/max) (1)		kW	1,5 / <b>3,0</b>
Nominal cooling capacity (1)	P rated	kW	<b>2,2</b>
Nominal heating capacity (1)	P rated	kW	<b>2,4</b>
Nominal power consumption for cooling (1)	PEER	kW	0,7
Nominal absorption for cooling (1)		A	3,1
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,4
Nominal energy efficiency index (1)	EERd		3,1
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			<b>A+</b>
Energy efficiency class in heating (1)			<b>A</b>
Energy consumption in "thermostat off" mode	PTO		22
Energy consumption in "standby" mode (EN 62301)	PSB		0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,8
Silent mode cooling capacity		kW	1,7
Silent mode heating capacity		kW	1,5
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,8-1,7
Maximum absorption in cooling mode (1)		A	3,5-7,5
Maximum power consumption in heating mode (1)		kW	0,8-1,7
Maximum absorption in heating mode (1)		A	3,1-6,2
Maximum power consumption with electric resistance heating		kW	-
Maximum absorption with electric resistance heating		A	-
Dehumidification capacity		l/h	1,3
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 390 / 350
Air flow rate in heating environment (max/med/min)		m³/h	490 / 390 / 350
Air flow rate with electric resistance heating environment		m³/h	-
External air flow rate in cooling (max/min)		m³/h	600 / 120
External air flow rate in heating (max/min)		m³/h	600 / 120
Internal ventilation speed			3
External ventilation speed			6
Diameter wall holes		mm	162 / 202
Electric resistance heating			-
Maximum range remote control (distance / angle)		m / °	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	903 x 520 x 215
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 330
Weight (without packaging)		Kg	39
Weight (with packaging)		Kg	42
Internal sound pressure (Min Max) (2)		dB(A)	<b>32-43</b>
Internal sound power level (EN 12102)	LWA	dB(A)	57
Silent Mode sound pressure level		dB(A)	34
Silent Mode sound power level	LWA	dB(A)	49
Degree of protection provided by covers			IP20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,58
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