

UNICO® PRO INVERTER 14 HP

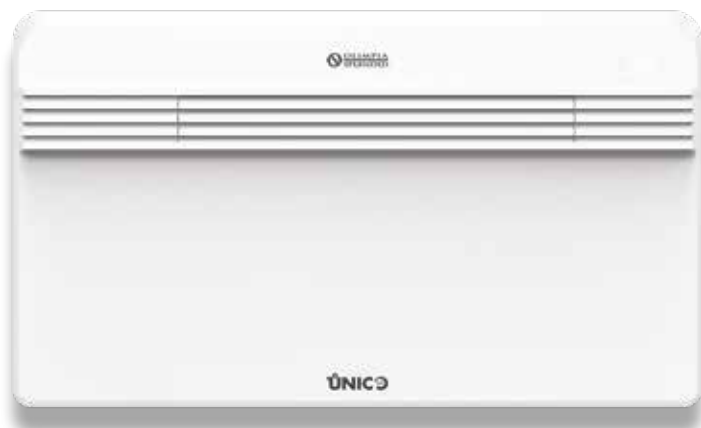
Matteo Blum
MATTED THUN & ANTONIO RODRIGUEZ
MILANO | SHANGHAI

The most powerful ever air conditioner without external unit.

archiproducts
DESIGN AWARDS
WINNER 2019

2019 PLATINUM WINNER
EUROPEAN
PRODUCT
DESIGN
AWARD

GOOD
DESIGN



NEW OLIMPIA SPLENDID INVERTER PRO

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



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.



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.



PRO POWER

Super cooling power up to 3,5 kW.

FEATURES

Capacity: up to 3,5 kW

Available in versions: HP (Heat Pump)

Energy 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 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

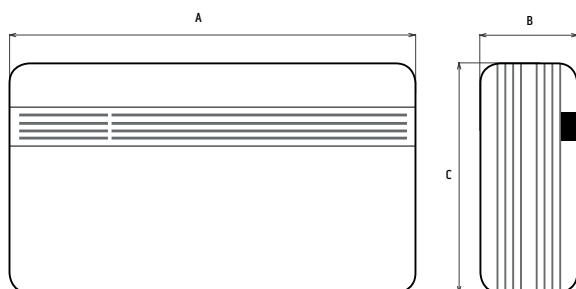
Fan only mode

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.



UNICO PRO INVERTER 14 HP			
A	B	C	Weight
903 mm	215 mm	520 mm	39 kg

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

** Sound power.

			Unico Pro Inverter 14 HP
PRODUCT CODE			01868
EAN CODE			8021183018684
Cooling power (min/max)		kW	1,7 / 3,5
Heating power (min/max)		kW	1,5 / 3,15
Nominal cooling capacity (1)	P rated	kW	 2,9
Nominal heating capacity (1)	P rated	kW	 2,6
Nominal power consumption for cooling (1)	PEER	kW	1,1
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)			 A
Energy efficiency class in heating (1)			 A
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	1,1
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	0,7-1,4
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	1,4
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 (W x H x D) (without packaging)		mm	903 x 520 x 215
Dimensions (W x H x D) (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)	 32-43
Internal sound power level (EN 12102)	LWA	dB(A)	59
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 Art range may easily substitute previously installed Unico Star and Unico Sky models.

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