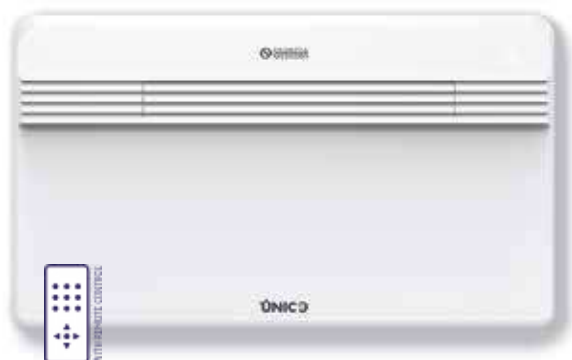


UNICO PRO

The most powerful and efficient, with an inverter motor



Italian design by:
Matteo Thun
 MATTEO THUN & ANTONIO RODRIGUEZ



POWER AND EFFICIENCY

Super cooling power and high efficiency class (up to A+).



NEW INVERTER SYSTEM

A new generation of inverter motor, with wide frequency range, DC inverter fans and an electronic management for the expansion valve.



AWARD WINNING DESIGN

Designed by Matteo Thun and Antonio Rodríguez, it stands out for its essential and original lines, awarded by numerous international competitions.



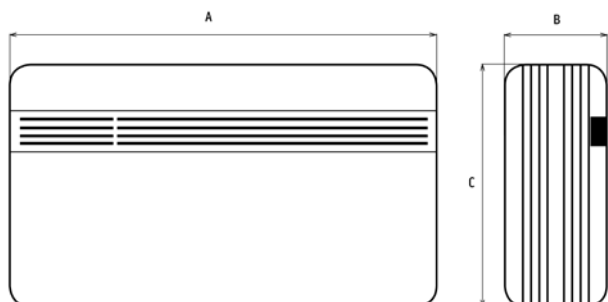
FEATURES

- Two models of Max power: 3.4 kW and 3.5 kW
- Available in the version: HP (Heat Pump)
- Class up to **A+**
- R410A refrigerant gas
- The internal components are all accessible from the front with the machine already installed
- Large flap for the homogeneous diffusion of air in the environment
- Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).
- Backlit display with touch controls on the machine Multifunction remote control with LCD display as standard

FUNCTIONS

- **Cooling, heating, dehumidification and ventilation**
- **Economy function:** allows energy savings, automatically optimising machine performance
- **Auto function:** modulates the operating parameters in relation to the room temperature.
- **Silent Mode function:** mode that sets the machine to the lowest noise level. The compressor and fans are set to reduce the sound pressure up to -10 dB(A).
- **24 H timer**

DIMENSIONS AND WEIGHT



		12/14
A	mm	903
B	mm	215
C	mm	520
Weight	kg	39

TECHNICAL DATA			Unico Pro Inverter 12 HP A+	Unico Pro Inverter 14 HP
PRODUCT CODE			01866	01868
EAN CODE			8021183018660	8021183018684
Cooling power (min/max)		kW	1,7 / 3,4	1,7 / 3,5
Heating power (min/max)		kW	1,5 / 3,0	1,5 / 3,2
Nominal cooling capacity (1)	Prated	kW	2,2	2,9
Nominal heating capacity (1)	Prated	kW	2,4	2,6
Nominal power consumption for cooling (1)	PEER	kW	0,7	1,1
Nominal absorption for cooling (1)		A	3,1	4,9
Nominal power consumption for heating (1)	PCOP	kW	0,8	0,8
Nominal absorption for heating (1)		A	3,4	3,7
Nominal energy efficiency index (1)	EERd		3,1	2,6
Nominal efficiency coefficient (1)	COPd		3,1	3,1
Energy efficiency class in cooling (1)				
Energy efficiency class in heating (1)				
Energy consumption in "thermostat off" mode	PTO	W	22	22
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD	kWh/h	0,7	1,1
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	0,8	0,8
Silent mode cooling capacity		kW	1,7	1,7
Silent mode heating capacity		kW	1,5	1,5
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage (min/max)		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,5/1,7	0,5/1,7
Absorption in cooling mode (min/max)		A	3,5-7,5	3,5-7,5
Absorbed power in heating mode (min/max)		kW	0,4/1,4	0,4/1,5
Maximum absorption in heating mode (min/max)		A	3,1-6,2	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	1,4
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 390 / 350	490 / 390 / 350
Air flow rate in heating environment (max/med/min)		m³/h	490 / 390 / 350	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	600 / 120
External air flow rate in heating (max/min)		m³/h	600 / 120	600 / 120
Internal ventilation speed			3	3
External ventilation speed			6	6
Diameter wall holes**		mm	162/202	162/202
Electric resistance heating			-	-
Maximum remote control range (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (WxHxD) (without packaging)		mm	903 x 520 x 215	903 x 520 x 215
Dimensions (WxHxD) (with packaging)		mm	980 x 610 x 330	980 x 610 x 330
Weight (without packaging)		kg	39	39
Weight (with packaging)		kg	42	42
Internal sound pressure (min/max) (2)		dB(A)	32-43	32-43
Internal sound power level (EN 12102)	LWA	dB(A)	57	59
Silent Mode sound pressure level		dB(A)	34	34
Silent Mode sound power level	LWA	dB(A)	49	49
Degree of protection provided by covers			IP20	IP20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP		2088	2088
Refrigerant gas charge		kg	0,58	0,58
Maximum operating pressure		MPa	4,20	4,20
Power cable (N° pole x section mm²)			3 x 1,5	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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C - COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C

(2): Declaration of test data in a semi-anechoic chamber at a distance of 2m, minimum pressure in ventilation only.

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

** Machine supplied with 202 mm wall opening grilles. If necessary, to replace an old Unico, the machine can also be installed with holes of 162 mm in diameter.