

UNICO[®] inverter 13 A+ hp

UNICO INVERTER 13 A+ HP Cod. 01716

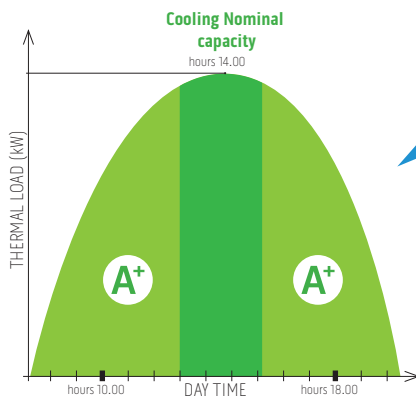


Design by King e Miranda



DUAL INVERTER MODE (D.I.M.)

The DIM technological heart is located in an innovative control algorithm to optimize the efficiency when the unit works at 70% of its ambient thermal demand. The algorithm allows to satisfy the real thermal demand on the 70% of the total working hours with a reduced consumption of 25% of our traditional UNICO INVERTER.**



Cooling consumption
0,6 Kw minus 25%
compare to traditional
OS Inverter

FEATURES

- Capacity: 2.8 kW
- Available in versions: HP (Heat Pump)
- Class **A+**
- Refrigerant gas R410A*
- High efficiency EC inverter fan
- 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
- Multifunction remote control
- 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.



PURE SYSTEM 2

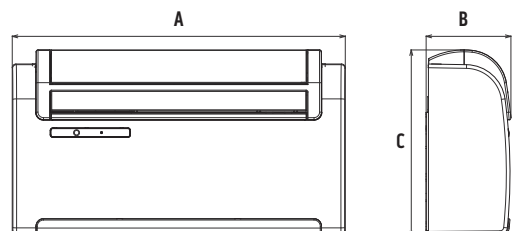
A multi filtering system that combines an electrostatic filter (which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).



HEAT PUMP

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

UNICO INVERTER 13 A+ HP				
	A	B	C	Weight kg
mm	902	230	506	39



* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

** Internal laboratory tests on traditional Olimpia Splendid range

UNICO INVERTER T3 A+ HP

Product code			01716
Nominal cooling capacity (1)	P rated	kW	2.8
Cooling power (min/max) (1)		kW	1,8 / 3,1
Nominal heating capacity (1)	P rated	kW	2.7
Heating power (min/max) (1)		kW	1,8 / 3,0
Nominal power consumption for cooling (1)	PEER	kW	0,6
Power consumption for cooling (min/max) (1)		kW	0,58 / 1,40
Nominal absorption for cooling (1)		A	2,8
Absorption for cooling (min/max) (1)		A	2,4 / 6,1
Nominal power consumption for heating (1)	PCOP	kW	0,8
Power consumption for heating (min/max) (1)		kW	0,53 / 1,30
Nominal absorption for heating (1)		A	3,8
Absorption for heating (min/max) (1)		A	2,4 / 5,9
Nominal energy efficiency index (1)	EERd		3,1
Nominal efficiency coefficient (1)	COPd		3,2
Energy efficiency class in cooling (1)			
Energy efficiency class in heating (1)			
Nominal Design Capacity	Prated	kW	2,0
Energy consumption in "thermostat off" mode	PTO		12
Energy consumption in "standby" mode (EN 62301)	PSB		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
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		W	1400
Maximum absorption in cooling mode (1)		A	6,4
Maximum power consumption in heating mode (1)		W	1300
Maximum absorption in heating mode (1)		A	5,8
Maximum power consumption with electric resistance heating		W	-
Maximum absorption with electric resistance heating		A	-
Dehumidification capacity		l/h	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	490 / 430 / 360
Air flow rate with electric resistance heating environment		m³/h	-
External air flow rate in cooling (max/min)		m³/h	500/340
External air flow rate in heating (max/min)		m³/h	500/340
Internal ventilation speed			3
External ventilation speed			1
Diameter wall holes		mm	202
Electric resistance heating			-
Maximum range remote control (distance / angle)		m / °	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 506 x 229
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 350
Weight (without packaging)		Kg	39
Weight (with packaging)		Kg	42
Internal sound pressure (Min Max) (2)		dB(A)	33-43
Internal sound power level (EN 12102)	LWA	dB(A)	58
Degree of protection provided by covers			IP 20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,50
Maximum operating pressure		MPa	3,6
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 CONDITIONS: data refers to regulation EN14511

(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