

# UNICO® AIR inverter

The **thinnest** and **quietest** air-conditioner without outdoor unit. Today, **inverter**.

UNICO AIR INVERTER 8 SF Cod. 01601  
 UNICO AIR INVERTER 8 HP Cod. 01600  
 UNICO AIR INVERTER 10 HP Cod. 01802



Unico AIR Inverter® is the winner of GOOD DESIGN AWARD 2016. Founded in Chicago in 1950, GOOD DESIGN is the oldest internationally recognized competition for design excellence.



Design by Sara Ferrari

REDUCED GRIDS Ø 16 CM



## FEATURES

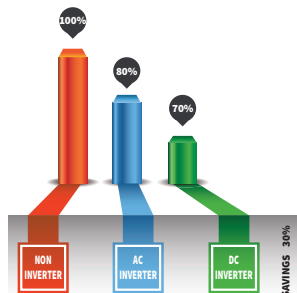
- Capacity: 1.8 kW
- Available in versions: SF (Cooling only) - HP (Heat Pump)
- Double class **A**
- Refrigerant gas R410A\*\*
- Installation versatility: top or bottom wall
- Easy installation: Unico can be installed from the inside in a few minutes
- Wireless wall control (Optional)
- Large flap for homogeneous air diffusion in the room
- 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.



## OLIMPIA SPLENDID'S INVERTER SYSTEM



## SILENT SYSTEM

Up to 10% quieter at minimum speed. Sound pressure only **27 dB (A)**\*



## SLIM DESIGN

All Unico technology in just 16 cm thickness.



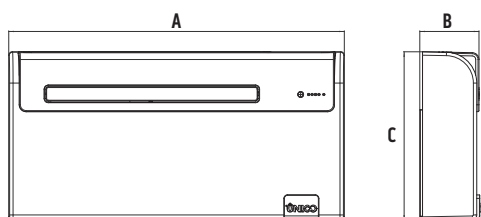
## HEAT PUMP

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



## 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).



UNICO AIR INVERTER				
	A	B	C	Weight kg
mm	978	160	491	37

\* Measurement in semi anechoic chamber at a distance of 2m away fan only

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

**NEW**

			UNICO AIR INVERTER 8 SF	UNICO AIR INVERTER 8 HP	UNICO AIR INVERTER 10 HP
Product code			01601	01600	01802
Nominal cooling capacity (1)	P rated	kW	❄️ 1,8	❄️ 1,8	❄️ 2,3
Cooling power (min/max) (1)		kW	0,9/2,3	0,9/2,3	1,2/2,3
Nominal heating capacity (1)	P rated	kW	-	🔥 1,7	🔥 2,0
Heating power (min/max) (1)		kW	-	0,9/2,3	1,1/2,0
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7	0,9
Power consumption for cooling (min/max) (1)		kW	0,4/0,7	0,4/0,7	0,4/0,9
Nominal absorption for cooling (1)		A	3,1	3,1	3,9
Absorption for cooling (min/max) (1)		A	1,8/4,1	1,8/4,1	1,8/4,1
Nominal power consumption for heating (1)	PCOP	kW	-	0,5	0,6
Power consumption for heating (min/max) (1)		kW	0,3/0,7	0,3/0,7	0,3/0,8
Nominal absorption for heating (1)		A	-	2,5	2,9
Absorption for heating (min/max) (1)		A	1,5/3,6	1,5/3,6	1,5/3,6
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1	3,1
Energy efficiency class in cooling (1)			A	A	A
Energy efficiency class in heating (1)			-	A	A
Energy consumption in "thermostat off" mode	PTO		12,0	12,0	12,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7	0,9
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5	0,6
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		W	-	670	850
Maximum absorption in cooling mode (1)		A	-	3,10	4,10
Maximum power consumption in heating mode (1)		W	720	720	790
Maximum absorption in heating mode (1)		A	-	3,65	3,65
Maximum power consumption with electric resistance heating		W	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-
Dehumidification capacity		l/h	0,6	0,6	0,8
Air flow rate in cooling environment (max/med/min)		m³/h	235/180/150	235/180/150	235/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	235/180/150	190/170/150
Air flow rate with electric resistance heating environment		m³/h	-	-	-
External air flow rate in cooling (max/min)		m³/h	380 / 190	380 / 190	380 / 190
External air flow rate in heating (max/min)		m³/h	-	380 / 190	380 / 190
Internal ventilation speed			3	3	3
External ventilation speed			2	2	2
Diameter wall holes		mm	162	162	162
Electric resistance heating			-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164	978 x 500 x 164
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		Kg	37	37	39
Weight (with packaging)		Kg	41	41	43
Internal sound pressure (Min Max) (2)		dB(A)	🔊 27-38	🔊 27-38	🔊 27-38
Internal sound power level (EN 12102)	LWA	dB(A)	53	53	54
Degree of protection provided by covers			IP 20	IP 20	IP20
Refrigerant gas*		Type	R410A	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088
Refrigerant gas charge		kg	0,37	0,37	0,36
Maximum operating pressure		MPa	4,20	4,20	4,20
Power cable (N° pole x section mm²)			3 x 1,5	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	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