

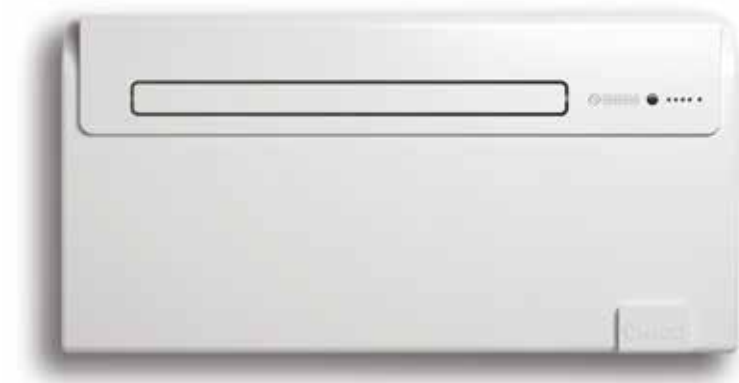
# UNICO<sup>®</sup> AIR INVERTER

Italian design by:

**SFD**  
Sara Ferrari Design



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



## OLIMPIA SPLENDID INVERTER SYSTEM

Olimpia Splendid's variable speed compressor and inverter control ensure a constant adaptation of the cooling capacity to the ambient thermal load



## SILENT SYSTEM

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



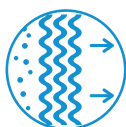
## SLIM DESIGN

All Unico's technology in just 16 cm thickness.



## HEAT PUMP

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



## PURE SYSTEM 2

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

## FEATURES

- Two capacity versions Max: 2,16 kW and 2,75 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 even distribution of air 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.



UNICO AIR INVERTER 8			
A	B	C	Weight
978 mm	160 mm	491 mm	37 kg
UNICO AIR INVERTER 10			
A	B	C	Weight
978 mm	160 mm	500 mm	39 kg

\* 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 8SF	Unico Air Inverter 8HP	Unico Air Inverter 10 SF C	Unico Air Inverter 10HP
<b>PRODUCT CODE</b>			01601	01600	01997	01802
<b>EAN CODE</b>			8021183016017	8021183016000	8021183019971	8021183018028
Cooling power (min/max)		kW	1,2/2,16	1,2/2,16	1,2/2,75	1,2/2,75
Heating power (min/max)		kW	-	1,1/2,04	-	1,1/2,40
Nominal cooling capacity (1)	P rated	kW				
Nominal heating capacity (1)	P rated	kW	-		-	
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7	0,9	0,9
Nominal absorption for cooling (1)		A	3,1	3,1	3,9	3,9
Nominal power consumption for heating (1)	PCOP	kW	-	0,5	-	0,6
Nominal absorption for heating (1)		A	-	2,5	-	2,9
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6	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		12,5	12,0	12,0	12,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD		0,7	0,7	0,9	0,9
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	-	0,5	-	0,6
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,4-0,76	0,4-0,76	0,4-0,91	0,4-0,91
Maximum absorption in cooling mode (1)		A	1,8-4,1	1,8-4,1	1,8-4,1	1,8-4,1
Maximum power consumption in heating mode (1)		kW	-	0,3-0,75	-	0,3-0,79
Maximum absorption in heating mode (1)		A	-	1,5-3,65	-	1,5-3,65
Maximum power consumption with electric resistance heating		kW	-	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-	-
Dehumidification capacity		l/h	0,6	0,6	0,8	0,8
Air flow rate in cooling environment (max/med/min)		m³/h	235/180/150	235/180/150	235/180/150	235/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	190/170/150	-	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	380 / 190
External air flow rate in heating (max/min)		m³/h	-	380 / 190	-	380 / 190
Internal ventilation speed			3	3	3	3
External ventilation speed			2	2	2	2
Diameter wall holes		mm	162	162	162	162
Electric resistance heating			-	-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions ( W x H x D ) (without packaging)		mm	978 x 491 x 164	978 x 500 x 164	978 x 500 x 164	978 x 500 x 164
Dimensions ( W x H x D ) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		kg	37	37	39	39
Weight (with packaging)		kg	41	41	43	43
Internal sound pressure (Min Max) (2)		dB(A)				
Internal sound power level (EN 12102)	LWA	dB(A)	53	53	54	54
Degree of protection provided by covers			IP 20	IP 20	IP20	IP20
Refrigerant gas*		Type	R410A	R410A	R410A reclaimed	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088	2088
Refrigerant gas charge		kg	0,37	0,37	0,36	0,36
Maximum operating pressure		MPa	4,20	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	3 x 1,5

**LIMITS OF OPERATING CONDITIONS**

Indoor Ambient Temperature	<b>Maximum temperature in cooling</b>	DB 35°C - WB 24°C
	<b>Minimum temperature in cooling</b>	DB 18°C
	<b>Maximum temperature in heating</b>	DB 27°C
	<b>Minimum temperature in heating</b>	-
Outdoor Ambient Temperature	<b>Maximum temperature in cooling</b>	DB 43°C - WB 32°C
	<b>Minimum temperature in cooling</b>	DB -10°C
	<b>Maximum temperature in heating</b>	DB 24°C - WB 18°C
	<b>Minimum temperature in heating</b>	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.