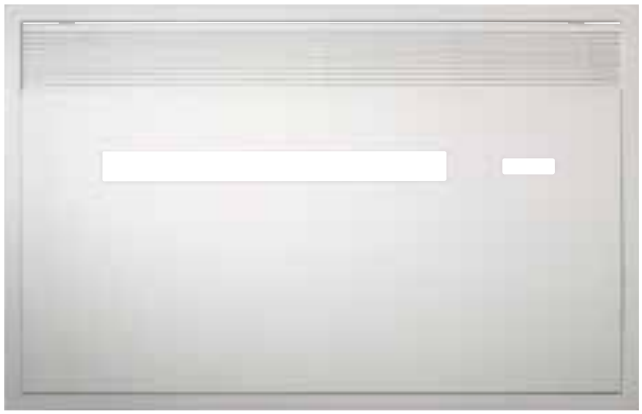
UNICO® AIR **inverter** recessed

The recessed 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
RECESSED PANEL	Cod. B0776
FORMWORK KIT FOR RECESSED	Cod. B0775



Design by Sara Ferrari

REDUCED GRIDS **Ø 16 CM**

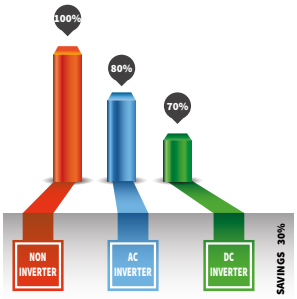
FEATURES

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 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



HEAT PUMP

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

PURE SYSTEM 2

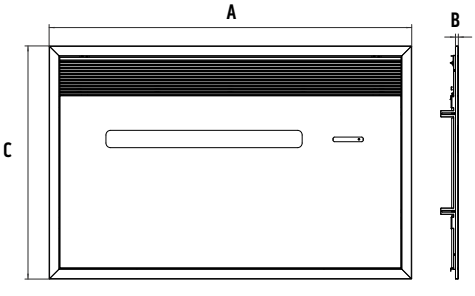
A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

SILENT SYSTEM

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

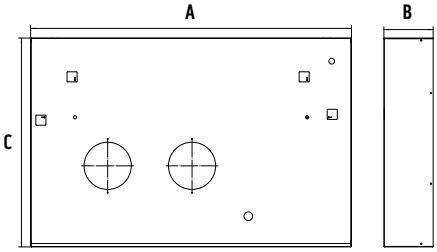
SLIM DESIGN

All Unico's technology in just 16 cm inside thickness and just 9mm thickness of the outside frame.



RECESSED PANEL	A	B	C
mm	1173	9	754

FORMWORK RECESSED	A	B	C
mm	1114	171	725



* Measurement in semi anechoic chamber at a distance of 2m away fan only
** Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

				UNICO AIR INVERTER 8 SF	UNICO AIR INVERTER 8 HP	UNICO AIR INVERTER 10 HP
Product code				01601	01600	01802
Cooling power (min/max)			kW	1,2/**2,16**	1,2/**2,16**	1,2/**2,75**
Heating power (min/max)			kW	-	1,1/**2,04**	1,1/**2,40**
Nominal cooling capacity (1)	P rated		kW	❄ 1,8	❄ 1,8	❄ 2,3
Nominal heating capacity (1)	P rated		kW	-	✹ 1,7	✹ 2,0
Nominal power consumption for cooling (1)	PEER		kW	0,7	0,7	0,9
Nominal absorption for cooling (1)			A	3,1	3,1	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
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)			kW	0,4-0,76	0,4-0,76	0,4-0,91
Maximum absorption in cooling mode (1)			A	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
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	380	380 / 190
External air flow rate in heating (max/min)			m³/h	-	380	380 / 190
Internal ventilation speed				3	3	3
External ventilation speed				1	1	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	0,48	0,48	0,36
Maximum operating pressure			MPa	3,70	3,70	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 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