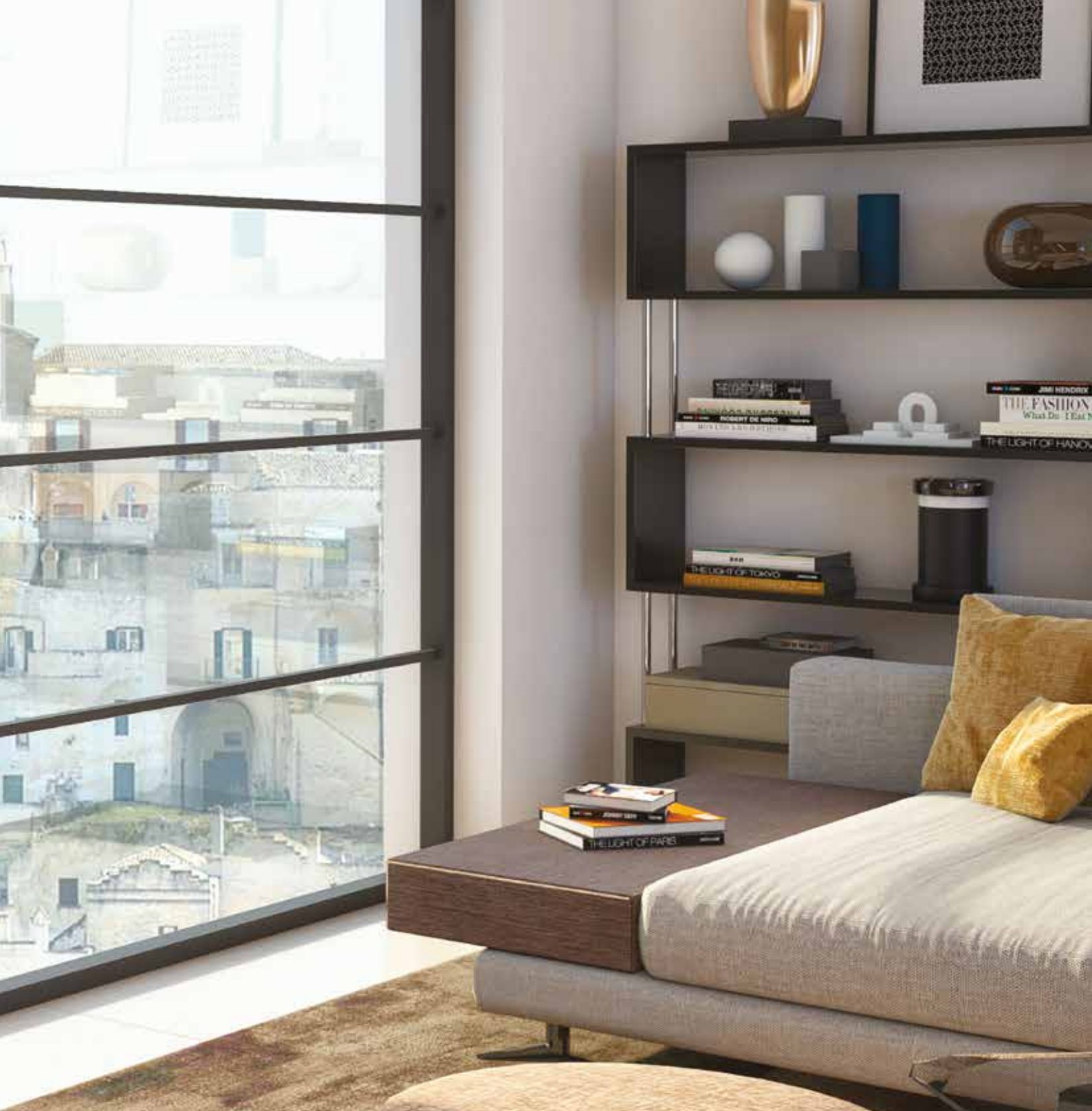






UNICO

AIR CONDITIONERS WITHOUT OUTDOOR UNIT

To keep your home beautiful
outside and cool inside



A complete range of solutions with no architectural impact.

Olimpia Splendid grid technology

The external grilles, designed by Olimpia Splendid maximize the tradeoff between air flow and coil protection, ensuring the highest heat exchange coefficient and durability. Grids are also free of mechanical and electrical devices thereby reducing the risk of faults and system malfunction to zero.

-30% Inverter System

Olimpia Splendid's variable speed compressor and inverter control ensure a constant adaptation of the cooling capacity to the ambient thermal load. Hence, up to 30% of energy can be saved.





UNICO has been made in Italy by Olimpia Splendid since 1998, a warranty of quality and experience



Good Design Award

Founded in Chicago in 1950, GOOD DESIGN is the oldest internationally recognized competition for design excellence.

Slim design: 16 cm

Olimpia Splendid patented technology allows to build in a single unit what is traditionally divided in two: the compressor placed outside and the fan placed in the room to be cooled. Today all of UNICO's technology can be found in a thickness of only 16 cm.



Silent technology: 27 dB

With the latest generation sound absorbing and anti-vibration materials UNICO is a machine that ensures the lowest noise levels in its category. Noise is reduced down to 27 dB.



Wi-Fi Unico



EASY INSTALLATION

First installation facilitated via Bluetooth connection; this allows to save time and makes installation independent from the Wi-Fi.



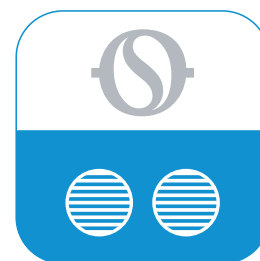
DUAL MANAGEMENT

Possibility of managing the terminal in both bluetooth mode and in Wi-Fi mode. Bluetooth is recommended especially for the homes where there is no Wi-Fi network. (second homes for example).



CLOUD

Remote connection (away from home) via Cloud (3G or 4G smartphone network). The connection with Cloud does not require configuration of the router.



The Olimpia Splendid application to control and set your Unico locally or in remote mode. Available for Download on Apple Store and Google Play



FEATURES

KIT UNICO WIFI (B1015):

- Simple installation, to be performed only by qualified staff

APP UNICO WI-FI:

- Available for iPhone, iPad, iPod with IOS 9.0 Operating System or later versions
- Available for Android smartphones with Android 4.4 Operating System or later versions
- Possibility of managing air conditioners via Wi-Fi and bluetooth
- Management of air conditions also when away from home
- Free access to the app without any identification needed
- The password associated to the specific kit is required to add the air conditioner to the app.
- Association of the air conditioner to the app via Bluetooth connection
- All modes can be set: Heating, Cooling, Dehumidification, ventilation only, automatic
- "Special" functions can be set: Vertical swing
- Environment temperature display
- Weekly timer with 2 time periods. Programming with different time, method and set point for each period for every day
- Machine alarms display on the home-page of the individual air conditioner and recording in the log
- Available in Italian, English, French, Spanish and German

UPPER CASE:

- Verification of the strength of the Wi-Fi signal detected by the board
- Service: for display/modification of the machine variables and parameters
- Guide: direct access to Help in language set
- Presence contact management: air conditioner disabled if the contact is opened and re-enabled on closure.
- The air conditioners installed are linked to the individual app on the telephone: if the telephone is changed, all the air conditioners must be re-installed

MODELS COMPATIBILITY TABLE

MODEL	COMPATIBILITY
Unico Air 8 SF/HP	x
Unico Air Inverter 8 SF/HP	x
Unico Air Inverter 10 SF C/HP	x
Unico Air Recessed 8 SF/HP	x
Unico Air Inverter Recessed 8 SF/HP	x
Unico Air Inverter Recessed 10 SF C/HP	x
Unico Smart 10 SF/HP	x
Unico Smart 12 SF/HP	x

MODEL	COMPATIBILITY
Unico Inverter 12 SF/HP	x
Unico Pro Inverter 12 HP A+	x
Unico Pro Inverter 14 HP	x
Unico Tower Inverter 12 HP	x
Unico Twin	-
Unico Easy SF/HP	-
Unico Boiler	-
Unico R	x

Range

	AC motor		DC motor		
MONO	 Unico Air	 Unico Smart and Unico R	 Unico Air Inverter	 Unico Inverter	 Unico Pro Inverter
RECESSED	 Unico Air Recessed		 Unico Air Inverter Recessed		
MULTI	 Unico Twin	 Unico Boiler			
CONSOLE	 Unico Easy				
TOWER			 Unico Tower		

Installation note

By maintaining the same center to center distance of inlet and outlet holes, every model in the Unico range can easily substitute previously installed ones.

	CODE	DESCRIPTION
	B1015	KIT UNICO Wi-Fi Additional kit compatible on the entire Unico range (see compatibility table)
	B1014	SERIAL INTERFACE FOR UNICO Interface for receiving wireless commands (desired temperature, fan speed, air flap operation and air circulation operation) or by contact (cooling or heating mode operation, fan speed). Presence contact input or Sleep mode. Alarm output in case of malfunction. Compatible with all models (excluding Unico Twin, Boiler, Easy SF).
	B1012	WIRELESS WALL CONTROL FOR UNICO Wall controller with battery power, for sending wireless commands (desired temperature, fan speed, air deflector function.) Compatible with all models (excluding Unico Twin, Boiler, Easy SF).
	B0776	CLOSING PANEL FOR RECESSED STRUCTURE Designed to completely camouflage the product in the building's architecture, only compatible with UNICO AIR models.
	B0775	RECESSED FORMWORK KIT Provided for quick installation and already prepared with holes for the product's installation, only compatible with UNICO AIR models.
	B0565	INSTALLATION KIT FOR 200mm HOLES Installation kit for Unico (installation template 1: 1 scale, support bracket, universal PP sheets, internal torque flanges Ø 200 mm, pair of external folding grid Ø 200 mm, torque caps). (Not compatible with Unico Easy)
	B0564	INSTALLATION KIT Internal torque flanges Ø 160 mm, pair of external folding grid Ø 160 mm, torque caps.
	B0620	HEATING CABLE UNICO KIT Heating cable, prevents the formation of ice in the condensation dispersal basin.
	B0753	200 mm RAIN COVER KIT Rain cover kit to be installed on the outside wall to protect the holes (for installations in extreme weather conditions). Designed for Ø 200 mm grid.

UNICO[®] AIR

The thinnest and quietest air-conditioner without outdoor unit ever.

Italian design by:

SFD

Sara Ferrari Design



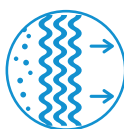
SILENT SYSTEM

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



SLIM DESIGN

All Unico's technology in just 16 cm thickness.



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).



HEAT PUMP

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

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 even distribution of air in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

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			
A	B	C	Weight
978 mm	164 mm	491 mm	37 kg

* 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 8 SF	Unico Air 8 HP
PRODUCT CODE			01503	01504
EAN CODE			8021183015034	8021183015041
Cooling power (min/max)		kW	-	-
Heating power (min/max)		kW	-	-
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
Nominal absorption for cooling (1)		A	3,1	3,1
Nominal power consumption for heating (1)	PCOP	kW	-	0,5
Nominal absorption for heating (1)		A	-	2,5
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1
Energy efficiency class in cooling (1)				
Energy efficiency class in heating (1)			-	
Energy consumption in "thermostat off" mode	PTO		14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264
Absorbed power in cooling mode (min/max)		kW	-	-
Maximum absorption in cooling mode (min/max)		A	-	-
Absorbed power in heating mode (min/max)		kW	670	-
Maximum absorption in heating mode (min/max)		A	3,10	-
Maximum power consumption with electric resistance heating		kW	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	0,6	0,6
Air flow rate in cooling environment (max/med/min)		m³/h	215/180/150	215/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	215/180/150
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling (max/min)		m³/h	380	380
External air flow rate in heating (max/min)		m³/h	-	380
Internal ventilation speed			3	3
External ventilation speed			1	1
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164
Dimensions (W x H x D) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		kg	37	37
Weight (with packaging)		kg	41	41
Internal sound pressure (Min Max) (2)		dB(A)		
Internal sound power level (EN 12102)	LWA	dB(A)	53	53
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,47	0,47
Maximum operating pressure		MPa	3,70	3,70
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	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.

** Outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C

UNICO® AIR INVERTER

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

Italian design by:

SFD
Sara Ferrari Design



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) *



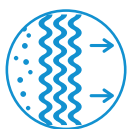
SLIM DESIGN

All Unico's technology in just 16 cm thickness.



HEAT PUMP

Heat pump air conditioner. Thanks to this feature you 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
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.

			Unico Air Inverter 8SF	Unico Air Inverter 8HP	Unico Air Inverter 10 SF C	Unico Air Inverter 10HP
PRODUCT CODE			01601	01600	01997	01802
EAN CODE			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	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.

UNICO® AIR RECESSED

The recessed air-conditioner without outdoor unit.



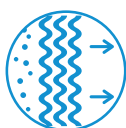
SILENT SYSTEM

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



HEAT PUMP

Heat pump air conditioner. Thanks to this feature 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).



SLIM DESIGN

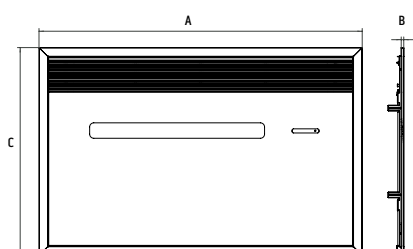
All Unico's technology in just 16 cm inside thickness and just 9mm thickness of the outside frame.

FEATURES

Capacity: 1,8 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double Class 
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

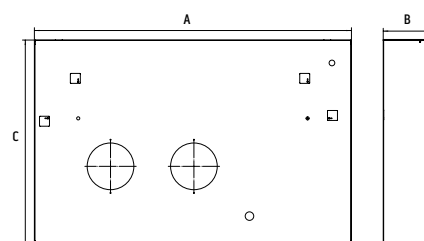
FUNCTIONS

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.



B0776: RECESSED PANEL		
A	B	C
1173 mm	9 mm	754 mm

B0775: FORMWORK RECESSED		
A	B	C
1114 mm	171 mm	725 mm



* 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 8 SF	Unico Air 8 HP
PRODUCT CODE			01503	01504
EAN CODE			8021183015034	8021183015041
Cooling power (min/max)		kW	-	-
Heating power (min/max)		kW	-	-
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
Nominal absorption for cooling (1)		A	3,1	3,1
Nominal power consumption for heating (1)	PCOP	kW	-	0,5
Nominal absorption for heating (1)		A	-	2,5
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1
Energy efficiency class in cooling (1)				
Energy efficiency class in heating (1)			-	
Energy consumption in "thermostat off" mode	PTO		14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	-	-
Maximum absorption in cooling mode (1)		A	-	-
Maximum power consumption in heating mode (1)		kW	-	-
Maximum absorption in heating mode (1)		A	-	-
Maximum power consumption with electric resistance heating		KW	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	0,6	0,6
Air flow rate in cooling environment (max/med/min)		m³/h	215/180/150	215/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	215/180/150
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling (max/min)		m³/h	380	380
External air flow rate in heating (max/min)		m³/h	-	380
Internal ventilation speed			3	3
External ventilation speed			1	1
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164
Dimensions (W x H x D) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		Kg	37	37
Weight (with packaging)		kg	41	41
Internal sound pressure (Min Max) (2)		dB(A)		
Internal sound power level (EN 12102)	LWA	dB(A)	53	53
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,47	0,47
Maximum operating pressure		MPa	3,70	3,70
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	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.

** Outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C

UNICO® AIR INVERTER RECESSED

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



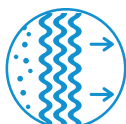
OLIMPIA SPLENDID INVERTER SYSTEM

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



HEAT PUMP

Heat pump air conditioner. Thanks to this feature 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).



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.

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

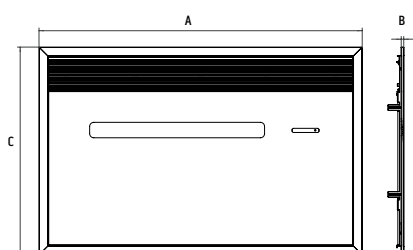
Economy mode: allows energy saving by automatically optimizing the machine's performance

Fan only mode

Dehumidification only mode

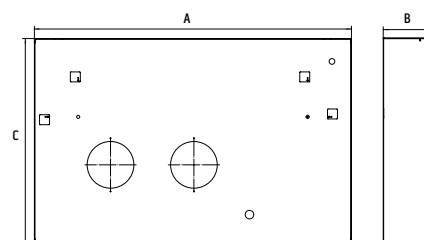
Auto mode: changes parameters depending on ambient temperature.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.



B0776: RECESSED PANEL		
A	B	C
1173 mm	9 mm	754 mm

B0775: FORMWORK RECESSED		
A	B	C
1114 mm	171 mm	725 mm



* 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 8SF	Unico Air Inverter 8HP	Unico Air Inverter 10 SF C	Unico Air Inverter 10HP
PRODUCT CODE			01601	01600	01997	01802
EAN CODE			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)			-	1,1/2,04	-	1,1/2,40
Nominal cooling capacity (1)	P rated	kW	1,8	1,8	2,3	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	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		12,0	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	kWh/h	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	-	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	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 491 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)	27-38	27-38	27-38	27-38
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	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.

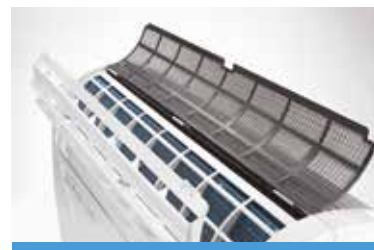
UNICO[®] SMART

Italian design by:

KING & MIRANDA DESIGN
design e architettura

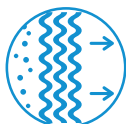


Up to 2,7 kW capacity. Designed for the air-conditioning of large spaces.



HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace or support traditional heating in intermediate seasons (only in HP version).



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: 2,3 kW - 2,7 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)

Multifunction remote control

24 hour Timer

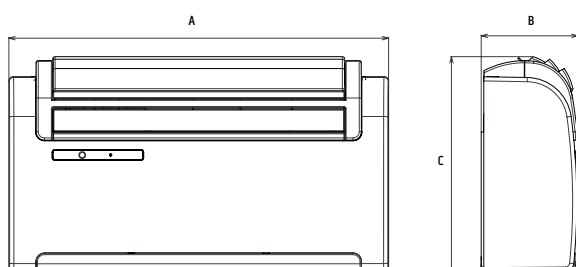
FUNCTIONS

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 SMART			
A	B	C	Weight
902 mm	230 mm	516 mm	40 kg

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

			Unico Smart 10SF	Unico Smart 10HP	Unico Smart 12SF	Unico Smart 12HP
PRODUCT CODE			01491	01492	01493	01494
EAN CODE			8021183014914	8021183014921	8021183014938	8021183014945
Cooling power (min/max)		kW	-	-	-	-
Heating power (min/max)		kW	-	-	-	-
Nominal cooling capacity (1)	P rated	kW	 2,3	 2,3	 2,7	 2,7
Nominal heating capacity (1)	P rated	kW	-	 2,3	-	 2,5
Nominal power consumption for cooling (1)	PEER	kW	0,9	0,9	1,0	1,0
Nominal absorption for cooling (1)		A	3,7	3,7	4,3	4,3
Nominal power consumption for heating (1)	PCOP	kW	-	0,7	-	0,8
Nominal absorption for heating (1)		A	-	3,0	-	3,3
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		14,0	14,0	14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9	0,9	1,0	1,0
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,7	-	0,8
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	-	-	-	-
Maximum absorption in cooling mode (1)		A	-	-	-	-
Maximum power consumption in heating mode (1)		kW	-	-	-	-
Maximum absorption in heating mode (1)		A	-	-	-	-
Maximum power consumption with electric resistance heating		kW	-	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-	-
Dehumidification capacity		l/h	0,9	1,1	0,9	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	-	410 / 350 / 270	-	490 / 400 / 330
Air flow rate with electric resistance heating environment		m³/h	-	-	-	-
External air flow rate in cooling (max/min)		m³/h	520 / 350	520 / 350	520 / 350	500 / 340
External air flow rate in heating (max/min)		m³/h	-	520 / 350	-	500 / 340
Internal ventilation speed			3	3	3	3
External ventilation speed			3	3	3	3
Diameter wall holes		mm	162** / 202	162** / 202	162** / 202	162** / 202
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	902 x 516 x 229	902 x 516 x 229	902 x 516 x 229	902 x 516 x 229
Dimensions (W x H x D) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		Kg	40	40	40	40
Weight (with packaging)		kg	44	44	44	44
Internal sound pressure (Min Max) (2)		dB(A)	 33-41	 33-41	 33-42	 33-42
Internal sound power level (EN 12102)	LWA	dB(A)	56	56	57	57
Degree of protection provided by covers			IP 20	IP 20	IP 20	IP 20
Refrigerant gas*	Type		R410A	R410A	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088	2088
Refrigerant gas charge		kg	0,48	0,54	0,65	0,55
Maximum operating pressure		Mpa	3,6	3,6	3,6	3,6
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	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.

**Machine supplied with 202 mm wall opening grilles. Thanks to the maintenance of the same axis of the air intake and output holes and to its configuration. The machine can also be installed with 162 mm diameter openings.

UNICO[®] INVERTER

Italian design by:

KING & MIRANDA DESIGN
design e architettura



The first air-conditioner without outdoor unit with inverter technology.



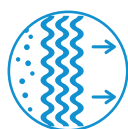
INVERTER SYSTEM

Thanks to its inverter technology, Unico saves up to 30% of energy compared with motors with traditional technology.



HEAT PUMP

Heat pump air conditioner. Thanks to this feature 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

A model of Max power: 3.25 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

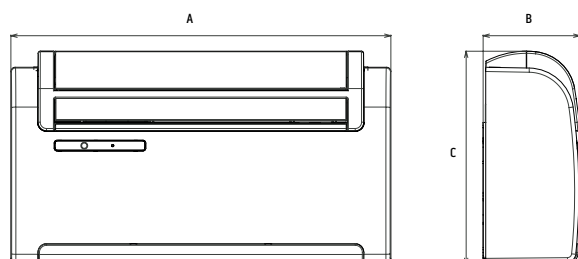
Economy mode: allows energy saving by automatically optimizing the machine's performance

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 INVERTER			
A	B	C	Weight
902 mm	230 mm	506 mm	39 kg

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

** Internal laboratory tests on traditional Olimpia Splendid range.

			Unico Inverter 12SF	Unico Inverter 12HP
PRODUCT CODE			01067	01052
EAN CODE			8021183010671	8021183010527
Cooling power (min/max)		kW	1,8 / 3,25	1,8 / 3,25
Heating power (min/max)		kW	-	1,8 / 3,25
Nominal cooling capacity (1)	P rated	KW	 2,7	 2,7
Nominal heating capacity (1)	P rated	kW	-	 2,7
Nominal power consumption for cooling (1)	PEER	kW	1,0	1,0
Nominal absorption for cooling (1)		A		4,6
Nominal power consumption for heating (1)	PCOP	kW	-	0,8
Nominal absorption for heating (1)		A	-	3,8
Nominal energy efficiency index (1)	EERd		2,7	2,7
Nominal efficiency coefficient (1)	COPd		-	3,2
Energy efficiency class in cooling (1)				
Energy efficiency class in heating (1)			-	
Energy consumption in "thermostat off" mode	PTO		12,0	12,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	1,0	1,0
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,8
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,58-1,40	0,58-1,40
Maximum absorption in cooling mode (1)		A	2,7-6,4	2,7-6,4
Maximum power consumption in heating mode (1)		kW	-	0,53-1,30
Maximum absorption in heating mode (1)		A	-	2,4-5,9
Maximum power consumption with electric resistance heating		kW	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	1,1	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	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	520/350	500/340
External air flow rate in heating (max/min)		m³/h	-	500 / 340
Internal ventilation speed			3	3
External ventilation speed			6	6
Diameter wall holes		mm	162** / 202	162** / 202
Electric resistance heating			-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	902 x 506 x 229	902 x 506 x 229
Dimensions (W x H x D) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		Kg	39	40
Weight (with packaging)		Kg	43	43
Internal sound pressure (Min Max) (2)		dB(A)	 33-43	 33-43
Internal sound power level (EN 12102)	LWA	dB(A)	58	58
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		Kg	0,57	0,58
Maximum operating pressure		MPa	3,6	3,6
Power cable (N° pole x section m2)			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.

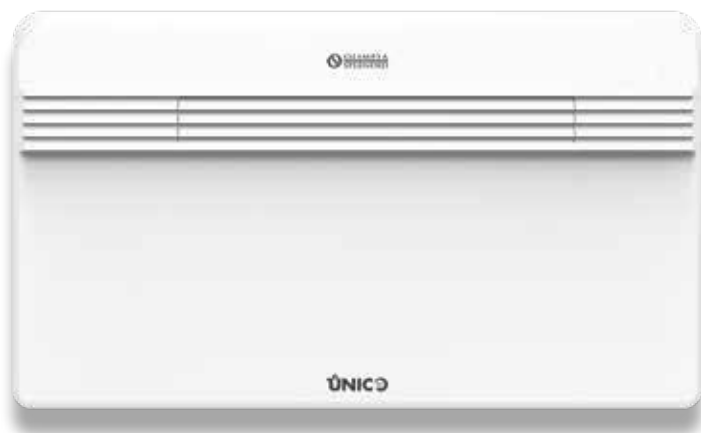
*Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.

**Machine supplied with 202 mm wall opening grilles. Thanks to the maintenance of the same axis of the air intake and output holes and to its configuration. The machine can also be installed with 162 mm diameter openings.

UNICO® PRO INVERTER 12 HP A+

matteo blum
MATTEO THUN & ANTONIO RODRIGUEZ
MILANO | SHANGHAI

The most efficient ever air conditioner without external unit.



NEW OLIMPIA SPLENDID INVERTER PRO

Powerful, versatile and efficient thanks to a wide range of frequencies available and electronic management of the expansion valve.



SILENT MODE

All the silence you want using the "silent mode" function. A true "orchestra conductor" who skilfully conducts or co-ordinates the inverter compressor (INVERTER PRO) and the ventilated sections (V PRO) for maximum acoustic comfort up to - 10dB(A)**.

All of this enclosed in a beautiful body and lined with state-of-the-art sound-absorbing material.



FULL INVERTER DC FAN

All of the fans are inverter DC and use a new surface design (V PRO). They are designed to guarantee reduced consumption and silence in all conditions of use.



HIGH EFFICIENCY TECHNOLOGY

Class A+ in cooling and Class A in heating.

FEATURES

Max capacity: 3,4 kW

Available in versions: HP (Heat Pump)

Energy 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

Backlit display with on-board touch controls

Multifunctional remote control with LCD standard display

24 hour Timer

FUNCTIONS

Economy mode: allows energy saving by automatically optimizing the machine's performance

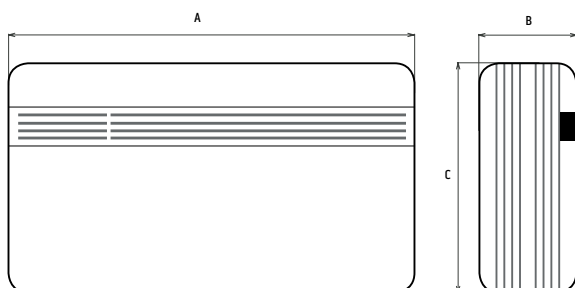
Fan only mode

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.

Silent Mode: New function to set the machine at minimum noise level.



UNICO PRO INVERTER 12 HP A+			
A	B	C	Weight
903 mm	215 mm	520 mm	39 kg

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

** Sound power.

			Unico Pro Inverter 12 HP A+
PRODUCT CODE			01866
EAN CODE			8021183018660
Cooling power (min/max)		kW	1,7 / 3,4
Heating power (min/max)		kW	1,5 / 3,0
Nominal cooling capacity (1)	P rated	kW	 2.2
Nominal heating capacity (1)	P rated	kW	 2.4
Nominal power consumption for cooling (1)	PEER	kW	0,7
Nominal absorption for cooling (1)		A	3,1
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,4
Nominal energy efficiency index (1)	EERd		3,1
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			 A+
Energy efficiency class in heating (1)			 A
Energy consumption in "thermostat off" mode	PTO		22
Energy consumption in "standby" mode (EN 62301)	PSB		0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,8
Silent mode cooling capacity		kW	1,7
Silent mode heating capacity		kW	1,5
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,8-1,7
Maximum absorption in cooling mode (1)		A	3,5-7,5
Maximum power consumption in heating mode (1)		kW	0,8-1,7
Maximum absorption in heating mode (1)		A	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
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 390 / 350
Air flow rate in heating environment (max/med/min)		m³/h	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
External air flow rate in heating (max/min)		m³/h	600 / 120
Internal ventilation speed			3
External ventilation speed			6
Diameter wall holes		mm	162** / 202
Electric resistance heating			-
Maximum range remote control (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	903 x 520 x 215
Dimensions (W x H x D) (with packaging)		mm	980 x 610 x 330
Weight (without packaging)		Kg	39
Weight (with packaging)		Kg	42
Internal sound pressure (Min Max) (2)		dB(A)	 32-43
Internal sound power level (EN 12102)	LWA	dB(A)	57
Silent Mode sound pressure level		dB(A)	34
Silent Mode sound power level	LWA	dB(A)	49
Degree of protection provided by covers			IP20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,58
Maximum operating pressure		MPa	4,20
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 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 Art range may easily substitute previously installed Unico Star and Unico Sky models.

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

UNICO® PRO INVERTER 14 HP

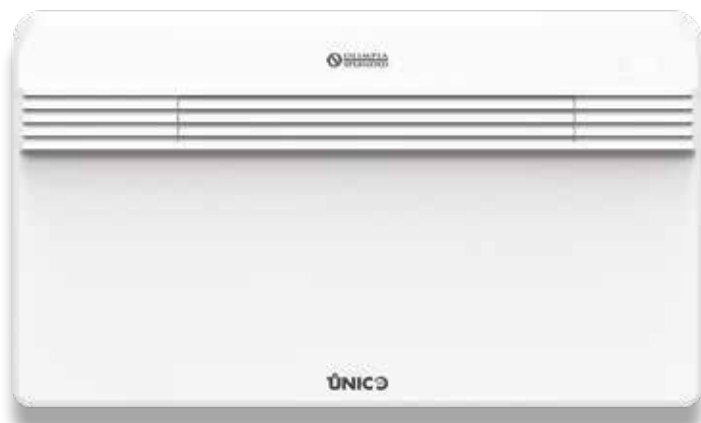
matteo thün
MATTEO THÜN & ANTONIO RODRIGUEZ
MILANO | SHANGHAI

The most powerful ever air conditioner without external unit.

archiproducts
DESIGN AWARDS
WINNER 2019

EUROPEAN
PRODUCT
DESIGN
AWARD

GOOD
DESIGN



NEW OLIMPIA SPLENDID INVERTER PRO

Powerful, versatile and efficient thanks to a wide range of frequencies available and electronic management of the expansion valve.



SILENT MODE

All the silence you want using the "silent mode" function. A true "orchestra conductor" who skilfully conducts or co-ordinates the inverter compressor (INVERTER PRO) and the ventilated sections (V PRO) for maximum acoustic comfort up to -10dB(A)**. All of this enclosed in a beautiful body and lined with state-of-the-art sound-absorbing material.



FULL INVERTER DC FAN

All of the fans are inverter DC and use a new surface design (V PRO). They are designed to guarantee reduced consumption and silence in all conditions of use.



PRO POWER

Super cooling power up to 3,5 kW.

FEATURES

Capacity: up to 3,5 kW

Available in versions: HP (Heat Pump)

Energy 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

Backlit display with on-board touch controls

Multifunctional remote control with LCD standard display

24 hour Timer

FUNCTIONS

Economy mode: allows energy saving by automatically optimizing the machine's performance

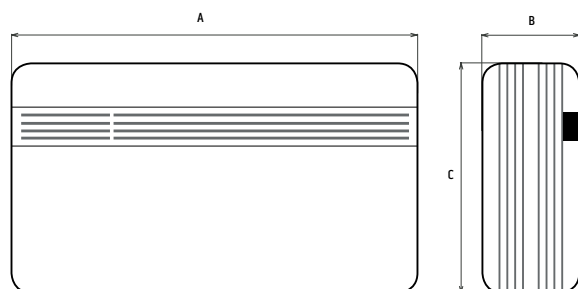
Fan only mode

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.

Silent Mode: New function to set the machine at minimum noise level.



UNICO PRO INVERTER 14 HP			
A	B	C	Weight
903 mm	215 mm	520 mm	39 kg

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

** Sound power.

			Unico Pro Inverter 14 HP
PRODUCT CODE			01868
EAN CODE			8021183018684
Cooling power (min/max)		kW	1,7 / 3,5
Heating power (min/max)		kW	1,5 / 3,15
Nominal cooling capacity (1)	P rated	kW	 2,9
Nominal heating capacity (1)	P rated	kW	 2,6
Nominal power consumption for cooling (1)	PEER	kW	1,1
Nominal absorption for cooling (1)		A	4,9
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,7
Nominal energy efficiency index (1)	EERd		2,6
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			
Energy efficiency class in heating (1)			
Energy consumption in "thermostat off" mode	PTO		22
Energy consumption in "standby" mode (EN 62301)	PSB		0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	1,1
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,8
Silent mode cooling capacity		kW	1,7
Silent mode heating capacity		kW	1,5
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,8-1,7
Maximum absorption in cooling mode (1)		A	3,5-7,5
Maximum power consumption in heating mode (1)		kW	0,7-1,4
Maximum absorption in heating mode (1)		A	3,1-6,2
Maximum power consumption with electric resistance heating		kW	-
Maximum absorption with electric resistance heating		A	-
Dehumidification capacity		l/h	1,4
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 390 / 350
Air flow rate in heating environment (max/med/min)		m³/h	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
External air flow rate in heating (max/min)		m³/h	600 / 120
Internal ventilation speed			3
External ventilation speed			6
Diameter wall holes		mm	162** / 202
Electric resistance heating			-
Maximum range remote control (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	903 x 520 x 215
Dimensions (W x H x D) (with packaging)		mm	980 x 610 x 330
Weight (without packaging)		Kg	39
Weight (with packaging)		Kg	42
Internal sound pressure (Min Max) (2)		dB(A)	 32-43
Internal sound power level (EN 12102)	LWA	dB(A)	59
Silent Mode sound pressure level		dB(A)	34
Silent Mode sound power level	LWA	dB(A)	49
Degree of protection provided by covers			IP20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,58
Maximum operating pressure		MPa	4,20
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 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 Art range may easily substitute previously installed Unico Star and Unico Sky models.

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

UNICO® TOWER INVERTER 12 HP

The air conditioning without outdoor unit in only 470 mm of width and 185 mm deep.



FEATURES

Capacity: up to 2,95 kW

Available in versions: HP (Heat Pump)

Energy Class **A**

Refrigerant gas R410A*

Bottom installation

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

Backlit display with on-board touch controls

Multifunctional remote control with LCD standard display

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.

Silent Mode: New function to set the machine at minimum noise level.



LARGE FLAP

Motorized superior flap for for even distribution of air



DESIGN MADE IN ITALY

Italian design, with unconventional shapes. Vertically developed, it brings comfort where any other installation would be impossible.



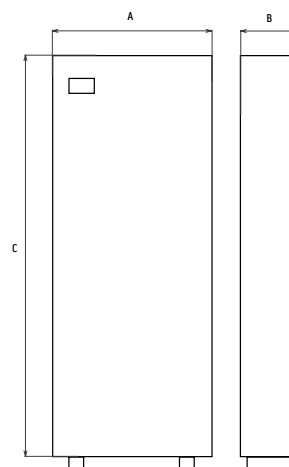
OLIMPIA SPLENDID INVERTER SYSTEM

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



SILENT MODE

All the silence you want using the "silent mode" function.



UNICO TOWER INVERTER 12 HP			
A	B	C	Weight
470 mm	185 mm	1390 mm	54 kg

			Unico Tower Inverter 12 HP
PRODUCT CODE			01924
EAN CODE			8021183019247
Cooling power (min/max)		kW	1,45 / 2,95
Heating power (min/max)		kW	1,45 / 3,10
Nominal cooling capacity (1)	P rated	kW	 2,45
Nominal heating capacity (1)	P rated	kW	 2,55
Nominal power consumption for cooling (1)	PEER	kW	0,9
Nominal absorption for cooling (1)		A	4,9
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,7
Nominal energy efficiency index (1)	EERd		2,6
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			
Energy efficiency class in heating (1)			
Energy consumption in "thermostat off" mode	PTO	W	29
Energy consumption in "standby" mode (EN 62301)	PSB	W	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
Silent mode cooling capacity		kW	1,45
Silent mode heating capacity		kW	1,45
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		kW	1700
Maximum absorption in cooling mode (1)		A	8,54
Maximum power consumption in heating mode (1)		kW	1400
Maximum absorption in heating mode (1)		A	6,20
Maximum power consumption with electric resistance heating		kW	-
Maximum absorption with electric resistance heating		A	-
Dehumidification capacity		l/h	1,0
Air flow rate in cooling environment (max/med/min)		m³/h	260 / - / -
Air flow rate in heating environment (max/med/min)		m³/h	260 / - / -
Air flow rate with electric resistance heating environment		m³/h	-
External air flow rate in cooling (max/min)		m³/h	486 / -
External air flow rate in heating (max/min)		m³/h	486 / -
Internal ventilation speed			3
External ventilation speed			6
Diameter wall holes		mm	162
Electric resistance heating			-
Maximum range remote control (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	470 x 1390 x 185
Dimensions (W x H x D) (with packaging)		mm	-
Weight (without packaging)		Kg	54
Weight (with packaging)		Kg	-
Internal sound pressure (Min Max) (2)		dB(A)	 27-40
Internal sound power level (EN 12102)	LWA	dB(A)	57
Silent Mode sound pressure level			31
Silent Mode sound power level	LWA	dB(A)	44
Degree of protection provided by covers			IP20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,50
Maximum operating pressure		MPa	4,20
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 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 Art range may easily substitute previously installed Unico Star and Unico Sky models.

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

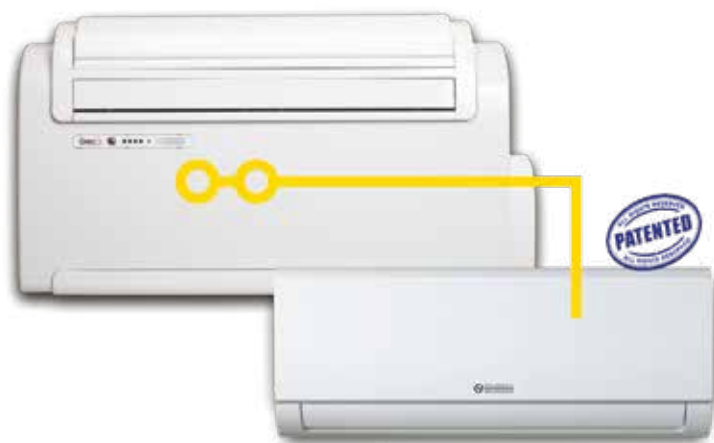
UNICO® TWIN

Italian design by:

KING & MIRANDA DESIGN
design e architettura



The system without outdoor unit to air condition two rooms at the same time. Two indoor units, the traditional UNICO unit and the UNICO WALL unit, are connected by a refrigerating circuit.



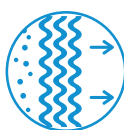
TWIN TECHNOLOGY

Thanks to Twin® technology, double room air-conditioning is performed in total aesthetic integration with the building, with a considerable simplification of design. Twin® technology allows the use of the two units (Master unit and Wall unit) simultaneously or separately depending on requirements, both in heating and cooling mode.



HEAT PUMP

Heat pump air conditioner. Thanks to this feature 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).

SYSTEM features

Independent or combined mode: if you choose simultaneous mode the two units share the available power *
Available in versions: HP (Heat pump)
Double class **A**
Refrigerant gas R410A**
Multifunction double remote control
24h Timer

MASTER features

Cooling capacity: 2.6 kW
HP mode capacity (heat pump): 2.5 kW
Installation versatility: top or bottom wall installation
Possible glass installation*
Easy installation: Unico Twin can be installed from the inside in a few minutes
Large flap for a homogeneous diffusion of the air in the environment

WALL S1 features

Nominal cooling capacity: 2.6 kW
Nominal heating capacity: 2.5 kW
Sound power level: 46 dB(A)

FUNCTIONS

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.

Installation note

By maintaining the same center to center distance of inlet and outlet holes, Unique Twin Master can easily substitute previously installed Unico models.

* During simultaneous operation the inside units are forced at minimum speed.

** Not hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.

				Unico Twin Master
PRODUCT CODE				01273
EAN CODE				8021183012736
Nominal cooling capacity (1)	Pnom.	kW	 2,6	
Nominal heating capacity (1)	Pnom.	kW	 2,5	
Nominal power consumption for cooling (1)	PEER	kW		0,9
Nominal absorption for cooling (1)		A		4,3
Nominal power consumption for heating (1)	PCOP	kW		0,8
Nominal absorption for heating (1)		A		3,5
Nominal energy efficiency index (1)	EERd			2,7
Nominal efficiency coefficient (1)	COPd			3,1
Energy efficiency class in cooling (1)				
Energy efficiency class in heating (1)				
Energy consumption in "thermostat off" mode	PTO	W		14,0
Energy consumption in "standby" mode (EN 62301)	PSB	W		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		1200
Maximum absorption in cooling mode (1)		A		5,4
Maximum power consumption in heating mode (1)		W		1080
Maximum absorption in heating mode (1)		A		4,8
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		450 / 400 / 330
Air flow rate in cooling environment (max/med/min)		m³/h		500 / 370 / 340
External air flow rate in heating (max/min)		m³/h		500 / 370 / 340
Internal ventilation speed				3
External ventilation speed				3
Diameter wall holes		mm		162** / 202
Dimensions (W x H x D) (without packaging)		mm		902 x 516 x 229
Weight (without packaging)		Kg		40,5
Internal sound power level (EN 12102)	LWA	dB(A)		57
Internal sound pressure (Min Max) (2)		dB(A)	 33-42	
Degree of protection provided by covers				IP 20
Refrigerant gas*		Type		R410A
Global warming potential	GWP	kgCO2 eq.		2088
Refrigerant gas charge		kg		0,85
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

Performance and optimal operation are guaranteed with units operating alternately.
In simultaneous operation ambient air fan speed works at minimum speed. Performance is measured by gas piping at a length of 5 m.

(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.

*Not hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.

**Machine supplied with 202 mm wall opening grilles. Thanks to the maintenance of the same axis of the air intake and output holes and to its configuration. The machine can also be installed with 162 mm diameter openings.

				Unico Twin Wall S1
PRODUCT CODE				01996
EAN CODE				8021183019964
Nominal cooling capacity (1)		kW	 2,5	
Nominal heating capacity (1)		kW	 2,2	
Nominal power consumption for cooling (1)		kW		0,9
Nominal absorption for cooling (1)		A		4,2
Nominal power consumption for heating (1)		kW		0,7
Nominal absorption for heating (1)		A		3,2
Maximum power consumption in cooling mode (1)		W		1200
Maximum absorption in cooling mode (1)		A		5,4
Maximum power consumption in heating mode (1)		W		1080
Maximum absorption in heating mode (1)		A		4,8
Dehumidification capacity		l/h		1,0
Air flow rate in cooling environment (max/med/min)		m³/h		450 / 400 / 340
Air flow rate in heating environment (max/med/min)		m³/h		450 / 400 / 340
Internal ventilation speed				3
Dimensions (W x H x D) (without packaging)		mm		805 x 285 x 194
Weight (without packaging)		Kg		7,5
Internal sound power level (EN 12102)		dB(A)		46
Internal sound pressure (Min Max) (2)		dB(A)	 25-36	
Degree of protection provided by covers				IP X1
Power cable (N° pole x section mm2)				3 x 1
Connecting liquid pipeline diameter		inch - mm		1/4 - 6,35
Connecting gas pipeline diameter		inch - mm		3/8 - 9,52
Maximum piping length		m		10
Maximum height difference		m		5

Easy installation



MASTER UNIT

Thanks to the template included in the package, the MASTER unit is installed, completely from the inside and in a few minutes, with the two holes of 202 mm diameter in the first room to bear conditioned.



The MASTER unit is connected to the WALL unit, thanks to the gas connection on the right side of the unit. Maximum length refrigerant lines: 10 meters.



WALL UNIT

The WALL unit is installed on the wall of the second room to be air conditioned.

UNICO® EASY

The console air-conditioner without outdoor unit.



SUPPORTING LEGS

Equipped with two supporting legs for a more stable positioning.



REMOTE CONTROL

Removable remote control.



HEAT PUMP

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

FEATURES

Cooling capacity: 2.1 kW

Available in versions: SF (Cooling only) - HP (Heat Pump)

Double class **A**

Refrigerant gas R410A*

Easy installation: Unico can be installed from the inside in a few minutes

Removable remote control on machine

24 hour Timer

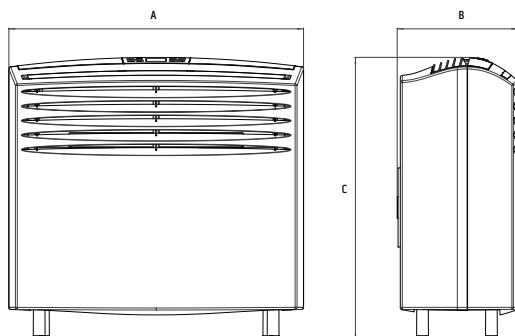
FUNCTIONS

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 EASY			
A	B	C	Weight
693 mm	284 mm	665 mm	43 kg

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

			Unico Easy SF	Unico Easy HP
PRODUCT CODE			01056	00981
EAN CODE			8021183010565	8021183009811
Cooling power (min/max)		kW	-	-
Heating power (min/max)		kW	-	-
Nominal cooling capacity (1)	P rated	kW	 2,1	 2,0
Nominal heating capacity (1)	P rated	kW	-	 2,0
Nominal power consumption for cooling (1)	PEER	kW	0,8	0,8
Nominal absorption for cooling (1)		A	3,50	3,40
Nominal power consumption for heating (1)	PCOP	kW	-	0,7
Nominal absorption for heating (1)		A	-	3,2
Nominal energy efficiency index (1)	EERd		2,7	2,6
Nominal efficiency coefficient (1)	COPd		-	2,8
Energy efficiency class in cooling (1)				
Energy efficiency class in heating (1)			-	
Energy consumption in "thermostat off" mode	PTO		26,0	26,0
Energy consumption in "standby" mode (EN 62301)	PSB		1,0	1,0
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,8	0,8
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,7
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	196 / 253	216 / 244
Maximum power consumption in cooling mode (1)		kW	0,88	1,0
Maximum absorption in cooling mode (min/max)		A	3,9	3,9
Maximum power consumption in heating mode (min/max)		kW	-	900
Maximum absorption in heating mode (min/max)		A	-	3,8
Maximum power consumption with electric resistance heating		kW	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	1,0	0,9
Air flow rate in cooling environment (max/med/min)		m³/h	328 / 300 / 274	310 / 280 / 250
Air flow rate in heating environment (max/med/min)		m³/h	-	310 / 280 / 250
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling (max/min)		m³/h	429 / 258	430 / 350 / 260
External air flow rate in heating (max/min)		m³/h	-	400 / 350 / 260
Internal ventilation speed			3	3
External ventilation speed			2	3
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	693 x 666 x 276	693 x 666 x 276
Dimensions (W x H x D) (with packaging)		mm	768 x 806 x 374	768 x 806 x 374
Weight (without packaging)		Kg	39	39
Weight (with packaging)		Kg	43	43
Internal sound pressure (Min Max) (2)		dB(A)	 33-42	 33-44
Internal sound power level (EN 12102)	LWA	dB(A)	57	59
Degree of protection provided by covers			IP 20	IP21
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,55	0,51
Maximum operating pressure		MPa	3,6	3,6
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	DB 18°C - WB 16°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.

UNICO[®] R

Designed for the coldest climates.



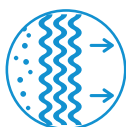
+2 KW AUXILIARY BACKUP

Suitable even for the coldest temperatures.



HEAT PUMP

When external ambient temperatures are below 2 ° C, only the fan and the electric heaters are activated for the heating mode. For temperatures over 2 ° C, heating is obtained by means of the heat pump. The management of either mode is completely automatic.



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: 2,3 kW - 2,7 kW

Available in versions: 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)

Multifunction remote control

24 hour Timer

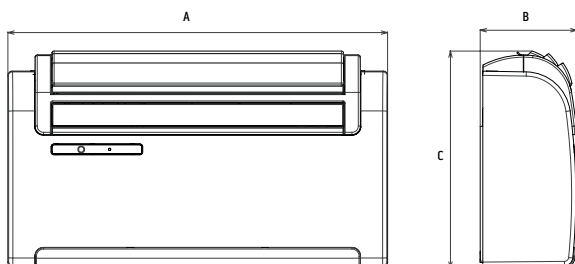
FUNCTIONS

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 R			
A	B	C	Weight
902 mm	230 mm	516 mm	40 kg

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

			Unico R 10HP	Unico R 12HP
PRODUCT CODE			01495	01496
EAN CODE			8021183014952	8021183014969
Cooling power (min/max)		kW	-	-
Heating power (min/max)		kW	-	-
Nominal cooling capacity (1)	P rated	kW	 2,3	 2,7
Nominal heating capacity (1)	P rated	kW	 2,3	 2,5
Nominal power consumption for cooling (1)	PEER	kW	0,9	1,0
Nominal absorption for cooling (1)		A	3,70	4,30
Nominal power consumption for heating (1)	PCOP	kW	0,7	0,8
Nominal absorption for heating (1)		A	3,0	3,3
Nominal energy efficiency index (1)	EERd		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		14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9	1,0
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,7	0,8
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,9	1,1
Maximum absorption in cooling mode (1)		A	3,9	4,8
Maximum power consumption in heating mode (1)		kW	0,9	1,1
Maximum absorption in heating mode (1)		A	3,8	4,7
Maximum power consumption with electric resistance heating		kW	2,0	2,0
Maximum absorption with electric resistance heating		A	8,7	8,7
Dehumidification capacity		l/h	0,9	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	410 / 350 / 270	490 / 400 / 330
Air flow rate with electric resistance heating environment		m³/h	-490	-490
External air flow rate in cooling (max/min)		m³/h	520 / 350	500 / 340
External air flow rate in heating (max/min)		m³/h	520 / 350	500 / 340
Internal ventilation speed			3	3
External ventilation speed			3	3
Diameter wall holes		mm	162** / 202	162** / 202
Electric resistance heating			2000	2000
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	902 x 516 x 229	902 x 516 x 229
Dimensions (W x H x D) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		Kg	40	40
Weight (with packaging)		Kg	44	44
Internal sound pressure (Min Max) (2)		dB(A)	 33-41	 33-42
Internal sound power level (EN 12102)	LWA	dB(A)	56	57
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		Kg	0,65	0,55
Maximum operating pressure		MPa	3,6	3,6
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	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.

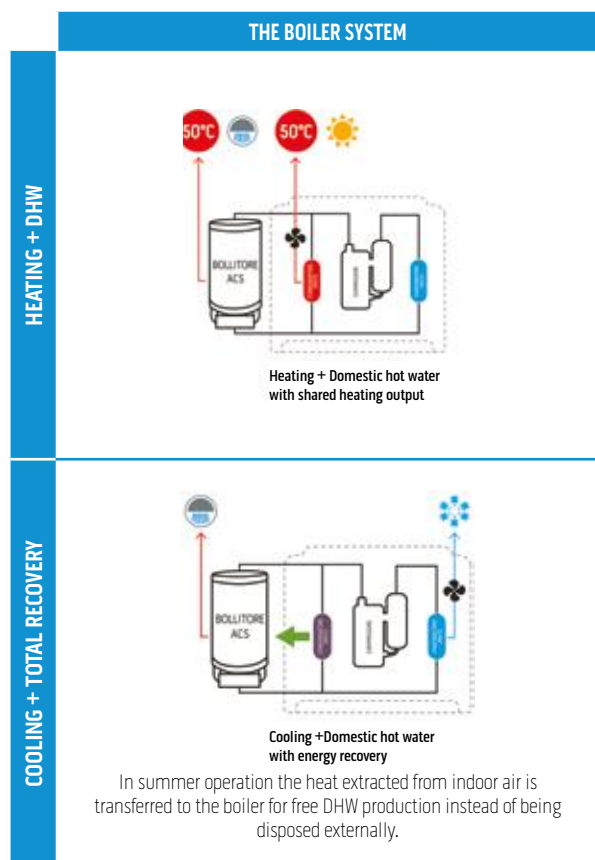
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.

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

**Machine supplied with 202 mm wall opening grilles. Thanks to the maintenance of the same axis of the air intake and output holes and to its configuration. The machine can also be installed with 162 mm diameter openings.

UNICO® BOILER

The system without external unit which simultaneously air conditions and produces domestic hot water. Inside, two units are connected by a refrigerating circuit: the UNICO unit for air conditioning and the high efficiency boiler for DHW production.



SYSTEM features

Double class **A**
 Refrigerant gas R410A*
 Installation versatility: top or bottom wall installation;
 Easy installation: Unico can be installed from the inside within a few minutes
 Multifunction remote control
 24 hour Timer

BOILER MASTER features

Cooling capacity: 2.6 kW
 HP mode capacity (heat pump): 2.5 kW
 Installation versatility: top or bottom wall installation
 Easy installation: Unico Twin can be installed from the inside in a few minutes
 Large flap for a homogeneous diffusion of the air in the environment

BOILER WALL features

Heating times: 1h49min (43 min in TURBO** mode)
 Accumulation capacity: 50 l
 Electrical power supply: 1,2 kW

FUNCTIONS

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.
 Cooling
 Heating
 Domestic Hot Water
 Cooling + DHW
 Heating + DHW

* Not hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.

** With electrical resistance inserted.

PHASE-OUT

Unico Boiler Master

PRODUCT CODE		OS-01422/09A
EAN CODE		8021183116700
Nominal cooling capacity (1)	Pnom. kW	2.6
Nominal heating capacity (1)	Pnom. kW	2.5
Nominal power consumption for cooling (1)	PEER kW	0,9
Nominal absorption for cooling (1)	A	4,3
Nominal power consumption for heating (1)	PCOP kW	0,8
Nominal absorption for heating (1)	A	3,5
Nominal energy efficiency index (1)	EERd	2,7
Nominal efficiency coefficient (1)	COPd	3,1
Energy efficiency class in cooling (1)		A
Energy efficiency class in heating (1)		A
Energy consumption in "thermostat off" mode	PTO W	14,0
Energy consumption in "standby" mode (EN 62301)	PSB W	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	1200
Maximum absorption in cooling mode (1)	A	5,4
Maximum power consumption in heating mode (1)	W	1080
Maximum absorption in heating mode (1)	A	4,8
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	450 / 400 / 330
Air flow rate in cooling environment (max/med/min)	m³/h	500 / 370 / 340
External air flow rate in heating (max/min)	m³/h	500 / 370 / 340
Internal ventilation speed		3
External ventilation speed		3
Diameter wall holes	mm	202*
Dimensions (W x H x D) (without packaging)	mm	902 x 516 x 229
Weight (without packaging)	Kg	40,5
Internal sound power level (EN 12102)	LWA dB(A)	57
Internal sound pressure (Min Max) (2)	dB(A)	33-42
Degree of protection provided by covers		IP 20
Refrigerant gas*	Type	R410A
Global warming potential	GWP kgCO2 eq.	2088
Refrigerant gas charge	kg	0,85
Power cable (N° pole x section mm2)		3 x 1,5
Dehumidification capacity	l/h	1,0

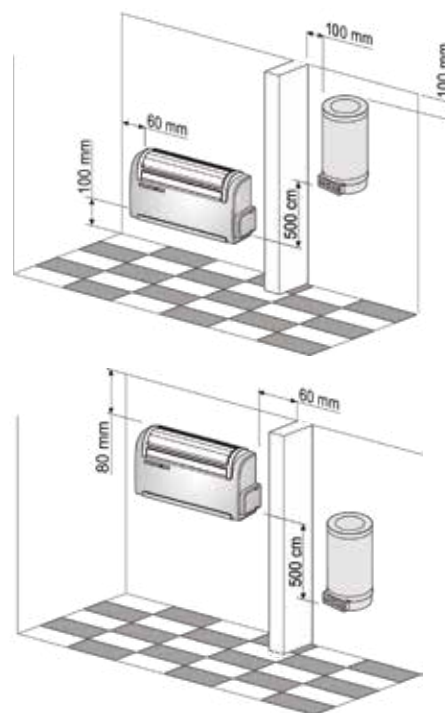
PHASE-OUT

Unico Boiler Wall

PRODUCT CODE		OS-01422/09A
EAN CODE		8021183116700
Overall heating efficiency + DHW		2.3
Overall cooling efficiency + DHW		4.0
Heating time *	hh:mm	01:49
Heating time BOOST mode **	hh:mm	00:43
Electrical power supply	W	1200
Accumulation capacity	l	50
Dimensions	mm	400 x 416 x 760
Weight without water	kg	25
Insulation thickness	mm	30
Power cable (N° pole x section mm2)		3 x 1
Maximum distance master and boiler	m	10
Maximum height difference master and boiler	m	5
Electrical protection		IPX2
Diameter water connectors	"	1/2 G1/2
Diameter refrigerant connectors	"	3/8 - 1/4

* Not hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.

** With electrical resistance inserted.



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

Performance and optimal operation are guaranteed with units operating alternately.

In simultaneous operation ambient air fan speed works at minimum speed. Performance is measured by gas piping at a length of 5 m.

(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.

* Not hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.