



UNICO

AIR CONDITIONERS WITHOUT OUTDOOR UNIT

To keep your home beautiful
outside and cool inside





A unique product. Also for production technology

Patented in 1998 by Olimpia Splendid and produced, still today, in Italy, with the use of new low GWP and reclaimed refrigerants

A cutting-edge production pavilion

Since 1998 Unico has been produced in Italy, in the Brescia factory of Olimpia Splendid. A long story that details the important technological know-how acquired by the company in the production of air conditioners without outdoor units. An experience that has now been further enhanced, giving life to a cutting-edge production pavilion in the world of residential air conditioning, in which automated multigas lines - designed for the safe management of low GWP refrigerants and powered by photovoltaic energy - integrate with the work of highly skilled workers.

Reclaimed and low GWP refrigerants

First residential air conditioner with 100% reclaimed gas, today Unico is also the first air conditioner without outdoor unit produced in Italy with R32 gas. The conversion to new refrigerants is for Olimpia Splendid a concrete commitment, taken personally, to be an active part in the creation of more sustainable home comfort solutions.





The widest and most diversified range

From 1.8 to 3.5 kW of power. With different aesthetics, to meet every air conditioning need with a unique product



Behind the range, a project

2 types of motors, 3 different refrigerant gases and multiple power sizes. The Unico range is the widest and most diversified on the market today, designed to meet the different installation needs - residential and commercial - with a specific solution: unique.


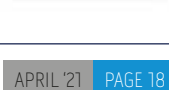

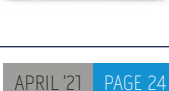





Behind every design, an Italian signature

The collaboration between Olimpia Splendid and Italian designers - emerging or world-famous - has deep roots. The first design of Unico by King & Miranda was in 1998: an iconic product that inspired, in the following years, the projects of other important Italian brands: Sara Ferrari, Matteo Thun and Antonio Rodriguez and Ercoli+Garlandini. An internationally awarded design recognised by the most prestigious competitions in the sector.

Range of air conditioners without outdoor unit

Product news 2021

★ ALSO BUILT-IN VERSION
 + 2021 PRODUCT INNOVATION

		INVERTER MOTOR	
MONO	20	UNICO AIR Only 16 cm thick Unico Air 20 SF EVA (02112) Unico Air 20 HP EVA (02111)	APRIL '21 PAGE 18  
	25	UNICO AIR Only 16 cm thick Unico Air 25 SF EVA (02094) Unico Air 25 HP EVA (02095)	APRIL '21 PAGE 18  
	30	UNICO PRO Energy efficiency class A+ Unico Pro 30 HP EVA (01999)	APRIL '21 PAGE 24 
	35	UNICO PRO The most powerful Unico Pro 35 HP EVA (02000)	APRIL '21 PAGE 24 
WITH TOWER		UNICO TOWER Vertical format Unico Tower 25 HP RVA (02153)	APRIL '21 PAGE 22   APRIL '21 PAGE 26 

New name

Valid for all 2021 product innovations

UNICO EDGE 30 HP EVA

1 2 3 4 5 6 7

Position 1: Unique line name

Position 2: Range Name (AIR, EDGE, PRO, TOWER)

Position 3: Size (20, 25, 30, 35)

20=Class up to 2.0 kW of rated power in cooling

25=Class from 2.1 kW up to 2.5 kW of rated power in cooling

30=Class from 2.6 kW up to 3.0 kW of rated power in cooling

35=Class from 3.1 kW up to 3.5 kW of rated power in cooling

Position 4: Operation specification (SF=cooling only, HP=heat pump)

Position 5: Refrigerant (E=R32, R=R410A)







Position 6: Compressor technology (V=inverter)

Position 7: Country specific legislation (A=Europe)

Range of air conditioners without outdoor unit

Continuous products


★ ALSO BUILT-IN VERSION

		ON/OFF MOTOR	
MONO	8	<p>UNICO AIR Only 16 cm thick ★</p> <p>Unico Air 8 SF (01503) Unico Air 8 HP (01504)</p> 	<p>PAGE 16</p>
	10		<p>UNICO R 2kW of auxiliary backup</p> <p>Unico R 10 HP (01495)</p> 
	12	<p>UNICO SMART 2.7 kW of power</p> <p>Unico Smart 12 SF (01493) Unico Smart 12 HP (01494)</p> 	<p>PAGE 20</p> <p>UNICO R 2kW of auxiliary backup</p> <p>Unico R 12 HP(01496)</p> 
MULTI		<p>UNICO TWIN To air-condition two rooms</p> <p>Unico Twin master (01273) Unico Twin wall S1 (01996)</p> 	<p>PAGE 28</p>
CONSOLE		<p>UNICO EASY Console format</p> <p>Unico Easy S1 SF (02037) Unico Easy S1 HP (02036)</p> 	<p>PAGE 30</p>

INSTALLATION NOTES

With the exception of all the other models in the range (which can be installed on high or low walls), Unico Tower and Unico Easy can only be installed on the floor.

Optional air conditioners without outdoor unit

	CODE	DESCRIPTION
	B1015	KIT WI-FI UNICO Wi-Fi/Bluetooth interface card for Unico. Compatible with all models (except Unico Twin and Unico Easy S1 HP and SF).
	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).
	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).
	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: 1: 1 scale installation template (valid for Unico Smart, Unico Inverter, Unico Edge and Unico R), support bracket, universal sheets in PP, pair of internal flanges Ø 200 mm, pair of external folding grilles Ø 200 mm, pair of caps. Compatible with all models (except Unico Air, Unico Easy S1 SF/HP and Unico Tower).
	B0564	INSTALLATION KIT Ø 160 mm 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. Product available only on order. The package contains 2 elements (1 for each hole).

B1015: the kit to connect Unico to the smartphone

Easy to set up, works with Wi-Fi and Bluetooth connection

To manage comfort from a smartphone, inside and outside the home, the air conditioners without outdoor unit Unico can be equipped with Wi-Fi and bluetooth connectivity. Installing the kit, with the help of a qualified installer, is fast and the first configuration is simple. Thanks to the Wi-Fi connection (which does not require router configuration), it is also possible to manage Unico remotely outside the home.



The Olimpia Splendid Unico application to control and set up your Unico both locally and remotely. Available for download on the Apple Store and Google Play



App features

Available for iPhone and iPad with IOS Operating System and for smartphones and tablets with Android Operating System (compatibility indication available on Apple Store and Google Play). It is used to manage one or more air conditioners.

App functionality

- All modes can be set: heating, cooling, dehumidification, ventilation only, automatic and vertical Swing function.
- Room temperature display
- Weekly timer with 2 time slots with mode and set point setting for each slot
- Display of machine alarms and recording in the log
- Checking of the intensity of the Wi-Fi signal detected by the card
- Service: for viewing/editing machine variables and parameters
- Available in: Italian, English, French, German and Spanish
- Guide: direct access to the Help in the relevant language (Italian, English, German, Spanish, French)
- Presence contact management: air conditioner disabled if the contact is opened and re-enabled when closed.

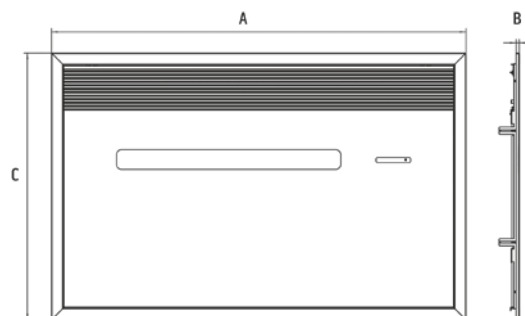


B0775 and B0776: the accessories for Unico built-in

How to make the air conditioner invisible, inside and outside the home

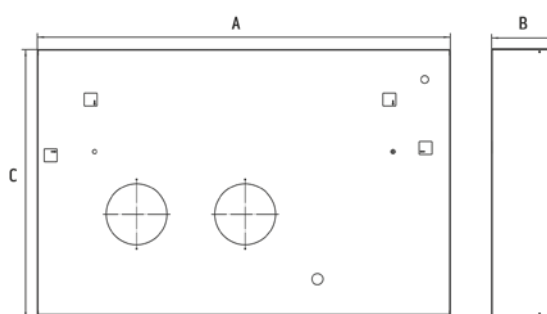
Compatible with all Unico Air models

Unico Air is the slimmest air conditioner ever without outdoor unit. The reduced thickness (only 16 cm) makes it perfect for recessed installation, thus concealing the air conditioner, both inside and out. With the use of the special front panel and the formwork, it will finally be possible to completely hide the devices for home comfort.



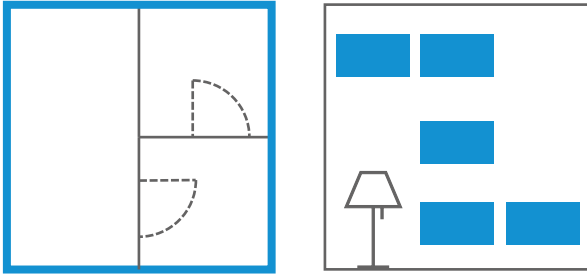
RECESSED PANEL		
A	B	C
1173 mm	9 mm	754 mm

FORMWORK RECESSED		
A	B	C
1114 mm	171 mm	725 mm



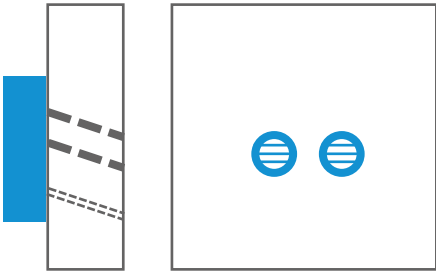
Installation guidelines

The main rules to follow



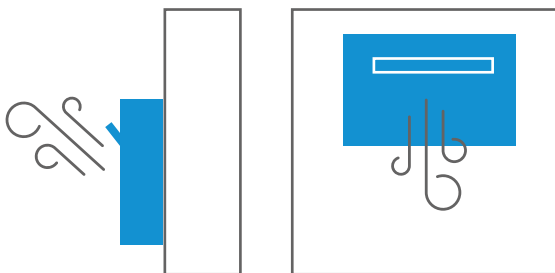
Choice of position

Unico can be installed along the entire perimeter wall of the house, near the floor or ceiling, in the centre of the wall or in the corners of the room (with the exception of the Unico Tower and Unico Easy models, which can only be installed on the floor). Check the clearance distances and installation methods in the specific manual for each model.



Wall drilling

The operation of Unico requires the drilling of two holes in the wall, positioned as indicated in the drilling template, which can be downloaded in the download area of the website www.olimpiasplendid.com. In models with heat pump (HP versions) it is always necessary to make a third small hole, for the condensate drain. The Unico models, previously installed, can be easily replaced, thanks to maintaining of the same centre distance of the air inlet and outlet holes. Use the drilling templates to perform the necessary checks in preparation for installation.



Flap adjustment at the outlet

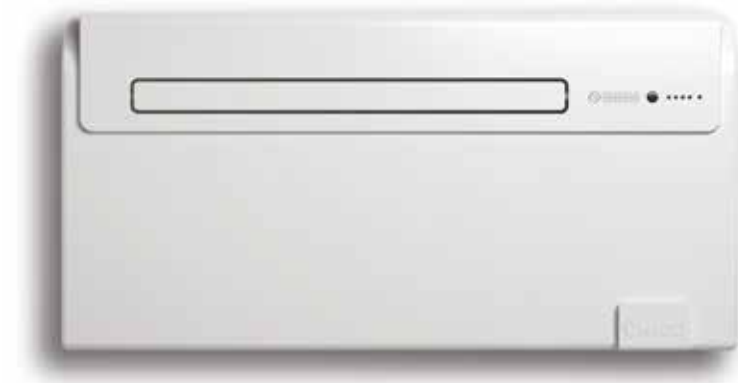
Depending on the type of installation chosen, it is necessary to optimise the distribution of air in the room, correctly configuring the flap opening.





UNICO AIR

The thinnest (only 16 cm thick)



SLIM DESIGN

All Unico's technology in just 16 cm thickness. Unico Air is the thinnest air conditioner without outdoor unit,



SILENT SYSTEM

Thanks to sound-absorbing and anti-vibration materials, Unico Air ensures the lowest noise levels in the range. Sound pressure drops up to 27 dB (A)*



HEAT PUMP

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

FEATURES

- Power: 1.8 kW
- Available in the versions: SF (Cool Only) –HP (Heat Pump)
- Cooling class **A**
- R410A refrigerant gas**
- Top or bottom wall installation
- Ease of installation: Unico can be installed from the inside in just a few minutes
- Wireless wall control (Optional)
- Large flap for the homogeneous diffusion of air in the environment
- Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).
- Multifunction remote control
- 24h timer









FUNCTIONS

- Ventilation only function**
- Dehumidification only function**
- Auto function:** modulates the operating parameters in relation to ambient temperature.
- Sleep function:** gradually increases the set temperature and guarantees reduced noise for greater well-being at night.



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

* Measurement in a semi-anechoic chamber at 2m distance ventilation only.
 ** Hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 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	W	14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	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 (min/max)		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	-	-
Maximum absorption in heating mode (min/max)		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 remote control range (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 (with packaging)		kg	41	41
Weight (without packaging)		kg	37	37
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		2088	2088
Refrigerant gas charge		kg	0,47	0,47
Maximum operating pressure		MPa	4,20	4,20
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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C
 COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C

(2): Declaration of test data in a semi-anechoic chamber at a distance of 2m, minimum pressure in ventilation only.

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

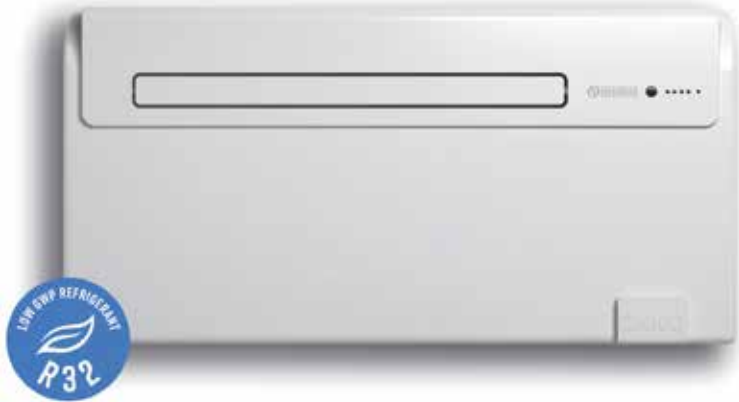
NEW

Italian design by:

UNICO AIR



The slimmest, with inverter motor and R32 gas



LOW GWP GAS

It uses R32 refrigerant, which has a greenhouse effect reduced by almost 70% (compared to R410A).



SLIM DESIGN

All Unico's technology in just 16 cm thickness. Unico Air is the thinnest air conditioner without outdoor unit,



SILENT SYSTEM

Thanks to sound-absorbing and anti-vibration materials, Unico Air ensures the lowest noise levels in the range. Sound pressure drops up to 27 dB (A)*



INVERTER SYSTEM

The motor speed is constantly adjusted according to the set temperature, to optimise energy consumption.



HEAT PUMP

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

FEATURES

- Two models of Max power: 2.1 kW and 2.4 kW
- Available in the SF (Cool Only) - HP (Heat Pump) versions
- Cooling class **A**
- R32 refrigerant gas**
- Top or bottom wall installation
- Ease of installation: Unico can be installed from the inside in just a few minutes
- Wireless wall control (Optional)
- Large flap for the homogeneous diffusion of the air in the environment
- Multi-filtering system consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).
- Multifunction remote control
- 24h 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 20			
A	B	C	Weight
978 mm	164 mm	491 mm	37 kg

UNICO AIR 25			
A	B	C	Weight
978 mm	164 mm	500 mm	39 kg

* Measurement in a semi-anechoic chamber at 2m distance ventilation only.
 ** Hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.

			Unico Air 20 SF EVA	Unico Air 20 HP EVA	Unico Air 25 SF EVA	Unico Air 25 HP EVA
PRODUCT CODE			02112	02111	02094	02095
EAN CODE			8021183021127	8021183021110	8021183020946	8021183020953
Cooling power (min/max)		kW	1,5/2,1	1,5/2,1	1,9/2,4	1,9/2,4
Heating power (min/max)		kW	-	1,3/1,7	-	1,8/2,3
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	0,8	0,8
Nominal absorption for cooling (1)		A	3,1	3,1	4,7	4,7
Nominal power consumption for heating (1)	PCOP	kW	-	0,5	-	0,7
Nominal absorption for heating (1)		A	-	2,5	-	3,4
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	W	24	24	33	33
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD	kWh/h	0,7	0,7	0,8	0,8
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	-	0,5	-	0,7
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50
Supply voltage (min/max)		V	198 / 264	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,5/0,9	0,5/0,9	0,7/1,1	0,7/1,1
Maximum absorption in cooling mode (1)		A	2,4/4,1	2,4/4,1	3,7/5,3	3,7/5,3
Maximum power consumption in heating mode (1)		kW	-	0,4/0,8	-	0,5/0,8
Maximum absorption in heating mode (1)		A	-	2,0/3,7	-	2,5/4,6
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 remote control range (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)				
Internal sound power level (EN 12102)	LWA	dB(A)	53	53	54	54
Degree of protection provided by covers			IP20	IP20	IP20	IP20
Refrigerant gas*	Type		R32	R32	R32	R32
Global warming potential	GWP		675	675	675	675
Refrigerant gas charge		kg	0,28	0,28	0,37	0,37
Maximum operating pressure		MPa	4,28	4,28	4,28	4,28
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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C
COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C

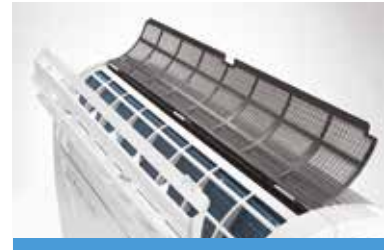
(2): Declaration of test data in a semi-anechoic chamber at a distance of 2m, minimum pressure in ventilation only.

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.



UNICO SMART

2.7 kW of power



HEAT PUMP

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

FEATURES

- Power: 2.7 kW
- Available in the versions: SF (Cool Only) - HP (Heat Pump)
- Cooling class **A**
- R410A refrigerant gas*
- Top or bottom wall installation
- Ease of installation: Unico can be installed from the inside in just a few minutes
- Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).
- Wireless wall control (Optional)
- Multifunction remote control
- 24h timer

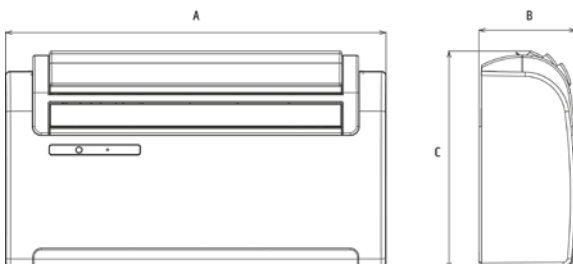
FUNCTIONS

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	229 mm	516 mm	40 kg

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

			Unico Smart 12 SF	Unico Smart 12 HP
PRODUCT CODE			01493	01494
EAN CODE			8021183014938	8021183014945
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	1,0	1,0
Nominal absorption for cooling (1)		A	4,3	4,3
Nominal power consumption for heating (1)	PCOP	kW	-	0,8
Nominal absorption for heating (1)		A	-	3,3
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	W	14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	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 (min/max)		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	0,9	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	-	450 / 400 / 330
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			3	3
Diameter wall holes**		mm	162/202	162/202
Electric resistance heating			-	-
Maximum remote control range (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)		
Internal sound power level (EN 12102)	LWA	dB(A)	57	57
Degree of protection provided by covers			IP20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP		2088	2088
Refrigerant gas charge		kg	0,54	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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C

COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C

(2): Declaration of test data in a semi-anechoic chamber at a distance of 2m, minimum pressure in ventilation only.

* Hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 2088

** Machine supplied with 202 mm wall opening grilles. If necessary, to replace an old Unico, the machine can also be installed with holes of 162 mm in diameter.

NEW

Italian design by:

ercoli+garlandini

UNICO EDGE

The new Unico, with inverter motor and R32 gas



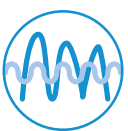
LOW GWP GAS

It uses R32 refrigerant, which has a greenhouse effect reduced by almost 70% (compared to R410A).



NEW ITALIAN DESIGN

Designed by Ercoli + Garlandini studio, it stands out for its smooth lines, and the retro design, combined with a "strong personality" texture.



INVERTER SYSTEM

The motor speed is constantly adjusted according to the set temperature, to optimise energy consumption.



HEAT PUMP

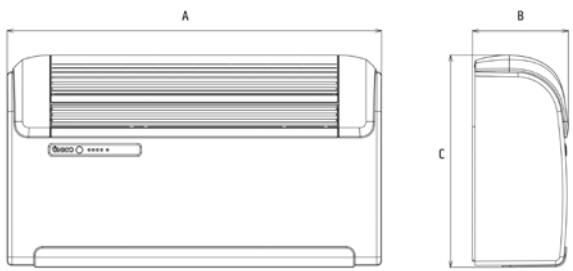
Heat pump air conditioner. Thanks to this feature you can replace or support traditional heating in intermediate seasons (only in HP version).

FEATURES

- Max Power: 3.0 kW
- Available in the versions: SF (Cool Only) - HP (Heat Pump)
- Cooling class **A**
- R32 refrigerant gas*
- Top or bottom wall installation
- Ease of installation: Unico can be installed from the inside in just a few minutes
- Wireless wall control (Optional)
- Large flap for the homogeneous diffusion of the air in the environment
- Multi-filtering system consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).
- Multifunction remote control
- 24h 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 EDGE			
A	B	C	Weight
902 mm	229 mm	506 mm	39/40 kg

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 675.

			Unico Edge 30 SF EVA	Unico Edge 30 HP EVA
PRODUCT CODE			02116	02115
EAN CODE			8021183021165	8021183021158
Cooling power (min/max)		kW	1,9/3,0	1,9/3,0
Heating power (min/max)		kW	-	1,9/3,1
Nominal cooling capacity (1)	P rated	KW		
Nominal heating capacity (1)	P rated	kW	-	
Nominal power consumption for cooling (1)	PEER	kW	1,0	1,0
Nominal absorption for cooling (1)		A	5,0	5,0
Nominal power consumption for heating (1)	PCOP	kW	-	0,8
Nominal absorption for heating (1)		A	-	3,8
Nominal energy efficiency index (1)	EERd		2,6	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	W	29	29
Energy consumption in "standby" mode (EN 62301)	PSB	W	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 (min/max)		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,7/1,4	0,7/1,4
Maximum absorption in cooling mode (1)		A	3,4/6,6	3,4/6,6
Maximum power consumption in heating mode (1)		kW	-	0,6/1,1
Maximum absorption in heating mode (1)		A	-	3,1/5,8
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 remote control range (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)		
Internal sound power level (EN 12102)	LWA	dB(A)	58	58
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R32	R32
Global warming potential	GWP		675	675
Refrigerant gas charge		Kg	0,42	0,42
Maximum operating pressure		MPa	4,28	4,28
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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C

* COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C

(2): Declaration of test data in a semi-anechoic chamber at a distance of 2m, minimum pressure in ventilation only.

* Hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675

** Machine supplied with 202 mm wall opening grilles. If necessary, to replace an old Unico, the machine can also be installed with holes of 162 mm in diameter.

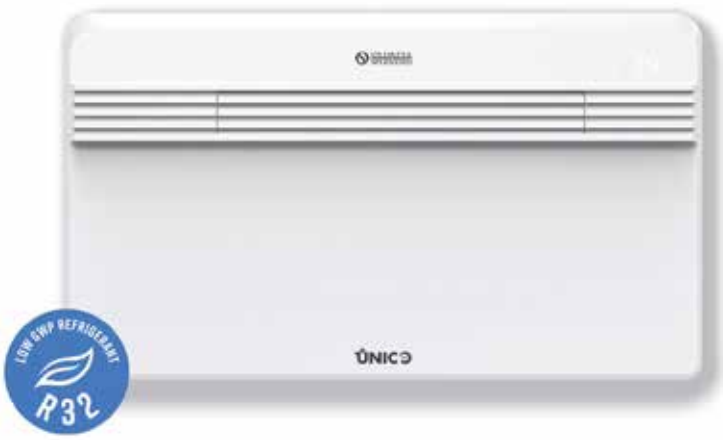
NEW

Italian design by:

UNICO PRO



The most powerful and efficient, with inverter motor and R32 gas



LOW GWP GAS

It uses R32 refrigerant, which has a greenhouse effect reduced by almost 70% (compared to R410A).



POWER AND EFFICIENCY

Super cooling power and high efficiency class (up to A+).



AWARD WINNING ITALIAN DESIGN

Designed by Matteo Thun and Antonio Rodriguez, it stands out for its essential and original lines, awarded by numerous international competitions.



NEW INVERTER SYSTEM

A new generation of inverter motor, with wide frequency range, DC inverter fans and an electronic management for the expansion valve.



HEAT PUMP

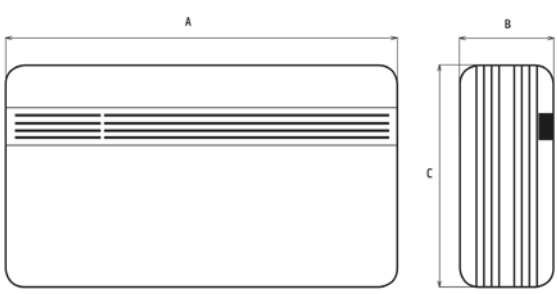
Heat pump air conditioner. Thanks to this feature you can replace or support traditional heating in intermediate seasons.

FEATURES

- Two models of Max power: 3.2 kW and 3.4 kW
- Available in the version: HP (Heat Pump)
- Class up to **A+**
- R32 refrigerant gas*
- Unico can be installed on the wall, both at the bottom and at the top and everything from the inside.
- The internal components are all accessible from the front with the machine already installed
- Wireless wall control (Optional)
- Large flap for the homogeneous diffusion of air in the environment
- Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).
- Backlit display with touch controls on the machine
- Multifunction remote control with LCD display as standard
- 24h timer

FUNCTIONS

- Economy function:**allows energy saving, automatically optimising the performance of the machine
- Fan only function**
- Dehumidification only function**
- Auto function:**modulates the operating parameters in relation to the room temperature.
- Sleep function:**gradually increases the set temperature and guarantees reduced noise for greater well-being at night.
- Silent Mode function:**mode that sets the machine to minimum noise. The compressor and fans are set to reduce the sound power down to -10 dB (A).



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

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 675.

			Unico Pro 30 HP EVA	Unico Pro 35 HP EVA
PRODUCT CODE			01999	02000
EAN CODE			8021183019995	8021183020007
Cooling power (min/max)		kW	1,9/3,2	1,9/3,4
Heating power (min/max)		kW	1,5/3,0	1,5/3,2
Nominal cooling capacity (1)	P rated	kW		
Nominal heating capacity (1)	P rated	kW		
Nominal power consumption for cooling (1)	PEER	kW	0,8	1,2
Nominal absorption for cooling (1)		A	4,0	4,3
Nominal power consumption for heating (1)	PCOP	kW	0,5	0,8
Nominal absorption for heating (1)		A	3,6	3,76
Nominal energy efficiency index (1)	EERd		3,1	2,6
Nominal efficiency coefficient (1)	COPd		3,4	3,1
Energy efficiency class in cooling (1)				
Energy efficiency class in heating (1)				
Energy consumption in "thermostat off" mode	PTO	W	22	22
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,8	1,2
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,5	0,8
Silent mode cooling capacity		kW	1,9	1,9
Silent mode heating capacity		kW	1,5	1,5
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage (min/max)		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,5/1,5	0,5/1,5
Maximum absorption in cooling mode (1)		A	3,1/7,5	3,1/7,5
Maximum power consumption in heating mode (1)		kW	0,4/1,4	0,4/1,4
Maximum absorption in heating mode (1)		A	2,5/6,8	2,5/6,8
Maximum power consumption with electric resistance heating		kW	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	1,3	1,3
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 390 / 350	490 / 390 / 350
Air flow rate in heating environment (max/med/min)		m³/h	490 / 390 / 350	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	600/120
External air flow rate in heating (max/min)		m³/h	600/120	600/120
Internal ventilation speed			3	3
External ventilation speed			6	6
Diameter wall holes**		mm	162 / 202	162 / 202
Electric resistance heating			-	-
Maximum remote control range (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	903 x 520 x 215	903 x 520 x 215
Dimensions (W x H x D) (with packaging)		mm	980 x 610 x 330	980 x 610 x 330
Weight (without packaging)		Kg	39	39
Weight (with packaging)		Kg	42	42
Internal sound pressure (Min Max) (2)		dB(A)		
Internal sound power level (EN 12102)	LWA	dB(A)	57	59
Silent Mode sound pressure level		dB(A)	34	34
Silent Mode sound power level	LWA	dB(A)	49	49
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R32	R32
Global warming potential	GWP		675	675
Refrigerant gas charge		kg	0,46	0,46
Maximum operating pressure		MPa	4,28	4,28
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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C

* COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C

(2): Declaration of test data in a semi-anechoic chamber at a distance of 2m, minimum pressure in ventilation only.

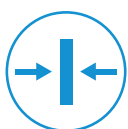
* Hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675

** Machine supplied with 202 mm wall opening grilles. If necessary, to replace an old Unico, the machine can also be installed with holes of 162 mm in diameter.

NEW

UNICO TOWER

The air conditioner without outdoor unit, in vertical format, with inverter motor



HEAT PUMP

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



TOUCH DISPLAY

Backlit display and touch controls on the machine.



NEW INVERTER SYSTEM

New generation inverter motor, with a wide frequency range and DC inverter fans.



HEAT PUMP

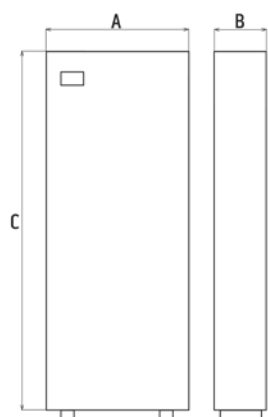
Heat pump air conditioner. Thanks to this feature you can replace or support traditional heating in intermediate seasons.

FEATURES

- Max Power: 2.9 kW
- Available in the version: HP (Heat Pump)
- Class **A**
- R410A refrigerant gas*
- Body entirely in metal
- Floor installation
- Ease of installation: Unico can be installed from the inside in just a few minutes
- Wireless wall control (Optional)
- Backlit display with touch controls on the machine
- Multifunction remote control with LCD display as standard
- 24h timer

FUNCTIONS

- Economy function:** allows energy saving, automatically optimising the performance of the machine
- Fan only function**
- Dehumidification only function**
- Auto function:** modulates the operating parameters in relation to the room temperature.
- Sleep function:** gradually increases the set temperature and guarantees reduced noise for greater well-being at night.
- Silent Mode function:** mode that sets the machine to minimum noise. The compressor and fans are set to reduce the sound power down to -13 dB (A).



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

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

				Unico Tower 25 HP RVA
PRODUCT CODE				02153
EAN CODE				8021183021530
Cooling power (min/max)		kW		1,5 / 2,9
Heating power (min/max)		kW		1,5 / 3,1
Nominal cooling capacity (1)	P rated	kW		2,4
Nominal heating capacity (1)	P rated	kW		2,3
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		0,7
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		0,7
Silent mode cooling capacity		kW		1,5
Silent mode heating capacity		kW		1,5
Supply voltage		V-F-Hz		230-1-50
Supply voltage (min/max)		V		198 / 264
Maximum power consumption in cooling mode (1)		kW		0,5/1,7
Maximum absorption in cooling mode (1)		A		3,5/8,5
Maximum power consumption in heating mode (1)		kW		0,4/1,4
Maximum absorption in heating mode (1)		A		3,1/6,20
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		260/200/175
Air flow rate in heating environment (max/med/min)		m³/h		260/200/175
Air flow rate with electric resistance heating environment		m³/h		-
External air flow rate in cooling (max/min)		m³/h		486/230
External air flow rate in heating (max/min)		m³/h		486/230
Numero Velocità di ventilazione interna				3
Numero Velocità di ventilazione esterna				6
Diameter wall holes		mm		162
Electric resistance heating				-
Maximum remote control range (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)				27-40
Internal sound power level (EN 12102)	LWA	dB(A)		57
Silent Mode sound pressure level		dB(A)		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			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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C

(2): Declaration of test data in a semi-anechoic chamber at a distance of 2m, minimum pressure in ventilation only.

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

UNICO TWIN



KING & MIRANDA DESIGN
design & architecture



The only system to air condition two rooms without outdoor units



TWIN TECHNOLOGY

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

Operation also in heat pump, to replace traditional heating in intermediate seasons or to enhance it.

SYSTEM features

Autonomous or combined operation: if simultaneous operation is chosen, the two units share the available power*

Available in the versions: HP (Heat Pump)

Cooling class **A**

R410A refrigerant gas**

Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).

Double multifunction 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 features

Nominal cooling capacity: 2.5 kW

Nominal heating capacity: 2.2 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.



UNICO TWIN MASTER			
A	B	C	Weight
902 mm	229 mm	516 mm	40,5 kg

* In simultaneous operation the internal units are forced to minimum speed.

** Non hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 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)				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 (min/max)	V			198 / 264	
Maximum power consumption in cooling mode		W		1200	
Maximum absorption in cooling mode		A		5,4	
Maximum power consumption in heating mode		W		1080	
Maximum absorption in heating mode		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			2088	
Refrigerant gas charge		kg		0,78	
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	-
	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.

*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		310 / 230 / 180	
Air flow rate in heating environment (max/med/min)		m³/h		470 / 360 / 310	
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.



TOUCH DISPLAY

Latest generation digital control panel, for precise control over all the functions.



HEAT PUMP

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

FEATURES

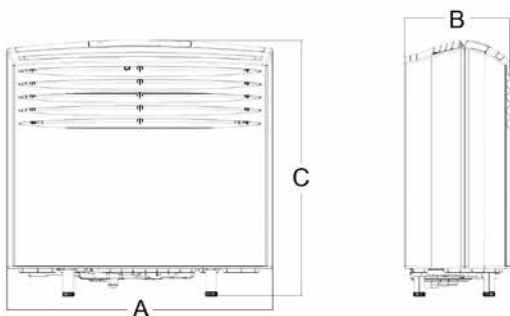
- Max Power: 2.0 kW
- Available in the versions: SF (Cool Only) - HP (Heat Pump)
- Cooling class **A**
- R410A refrigerant gas*
- Floor installation
- Ease of installation: Unico can be installed from the inside in just a few minutes
- Control display on the touch screen machine
- Remote control supplied
- 24h 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	276 mm	665 mm	36 kg

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

			Unico Easy S1 SF	Unico Easy S1 HP
PRODUCT CODE			02037	02036
EAN CODE			8021183020373	8021183020366
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	0,8	0,8
Nominal absorption for cooling (1)		A	3,45	3,45
Nominal power consumption for heating (1)	PCOP	kW	-	0,7
Nominal absorption for heating (1)		A	-	3,00
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	2,7
Energy efficiency class in cooling (1)				
Energy efficiency class in heating (1)			-	
Energy consumption in "thermostat off" mode	PTO	W	1,0	1,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	0,5
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	220/240-1-50	220/240-1-50
Supply voltage (min/max)		V	198 / 264	198 / 264
Maximum power consumption in cooling mode		kW	1,027	1,036
Maximum absorption in cooling mode		A	5,46	5,55
Maximum power consumption in heating mode		kW	-	1,036
Maximum absorption in heating mode		A	-	5,6
Dehumidification capacity		l/h	2,2	2,2
Air flow rate in cooling environment (max/med/min)		m³/h	405 / 370 / 335	405 / 370 / 335
Air flow rate in heating environment (max/med/min)		m³/h	-	405 / 370 / 335
External air flow rate in cooling (max/min)		m³/h	505 / 0	505 / 0
External air flow rate in heating (max/min)		m³/h	-	505 / 0
Internal ventilation speed			3	3
External ventilation speed			2	2
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum remote control range (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	693 x 665 x 276	693 x 665 x 276
Dimensions (W x H x D) (with packaging)		mm	770 x 865 x 421	770 x 865 x 423
Weight (without packaging)		Kg	36	35,6
Weight (with packaging)		Kg	41	40,9
Internal sound power level (EN 12102)	LWA	dB(A)	60	60
Degree of protection provided by covers			IP X0	IPX0
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP		2088	2088
Refrigerant gas charge		kg	0,51	0,515
Maximum operating pressure		MPa	4,2	4,2
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 32°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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -5°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C - COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C.

* Hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 2088.

UNICO R

With auxiliary backup, for the harshest climates



RECLAIMED REFRIGERANT

Unico Art uses R410A reclaimed refrigerant gas. This refrigerant, identical to virgin refrigerant in purity and specifications, is reclaimed from existing industrial processes and subsequently re-processed. By avoiding the production of virgin refrigerant, Unico contributes to the development of a circular economy.



+2 KW AUXILIARY BACKUP

Unico R is designed for the coldest temperatures. When the outdoor ambient temperatures are below 2°C, the heating mode is obtained by activating the electric heating elements and the fan only. For temperatures above 2°C, heating is obtained by means of a heat pump. The management of one or the other mode is completely automatic.



HEAT PUMP

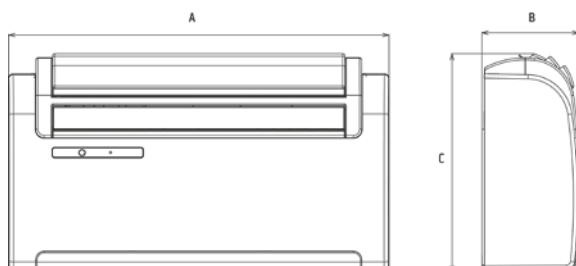
Heat pump air conditioner. Thanks to this feature you you can replace or support traditional heating in intermediate seasons.

FEATURES

- Two power models: 2.3 kW - 2.7 kW
- Available in the versions: HP (Heat Pump)
- Cooling class **A**
- R410A refrigerant gas*
- Top or bottom wall installation (bottom installation recommended, for enhanced air distribution)
- Ease of installation: Unico R can be installed from the inside in just a few minutes
- Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).
- Wireless wall control (Optional)
- Multifunction remote control
- 24h 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	229 mm	516 mm	40 kg

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

			Unico R 10 HP	Unico R 12 HP
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		
Nominal heating capacity (1)	P rated	kW		
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	W	14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	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 (min/max)		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 remote control range (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)		
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 reclaimed	R410A reclaimed
Global warming potential	GWP		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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C
COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C

* (2): Declaration of test data in a semi-anechoic chamber at a distance of 2m, minimum pressure in ventilation only.

* Hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 2088

** Machine supplied with 202 mm wall opening grilles. If necessary, to replace an old Unico, the machine can also be installed with holes of 162 mm in diameter.

Chairs - Italian Design

FLORANCE DE DAMPIERRE *GP2alk*

PACKAGES
100 years of Fashion



Impressionism

**30-SECOND
ARCHITECTURE**





FIXED AIR CONDITIONERS

Comfort with maximum efficiency, controlled directly from your smartphone



The benefits of Olympia Splendid mono- and multisplit air conditioners

High efficiency

The Nexya and Alyas air conditioners are among best performing in terms of energy efficiency, reaching up to a class of A++ in cooling and A+++ in heating.

Low global warming potential

The Nexya and Alyas air conditioners use R32 refrigerant, which has a greenhouse effect reduced by almost 70% (compared to R410A).





New for 2021: Wi-Fi kit included on all wall models

Easy to install and set up

To manage the air conditioner from a smartphone, all the wall internal units of the Olimpia Splendid fixed air conditioners can be equipped with Wi-Fi connectivity. Installing the kit is quick: simply insert the USB key (already included in the package) into the appropriate slot under the front panel. Thanks to the Wi-Fi connection (which does not require router configuration), it will be possible to manage the air conditioner even remotely, away from home, via the 3G and 4G network of your smartphone.

Wi-Fi kit included in the models: UI Nexya S4 E inverter (sizes 9, 12, 18, 24), UI Alyas E inverter and UI Alyas Pro E inverter (sizes 9, 12). For all other models the Wi-Fi kit is not available.



OS Comfort is Olimpia Splendid's application to control the air conditioner from your smartphone. Available for download on the Apple Store and Google Play.



App features

Available for iPhone and iPad with IOS Operating System and for smartphones and tablets with Android Operating System (compatibility indication available on Apple Store and Google Play). It is used to manage one or more air conditioners.

App functionality

- All modes can be set: heating, cooling, dehumidification, ventilation only, automatic
- Special functions can also be set: turbo, vertical and horizontal swing, echo
- Room temperature display
- Weekly timer with 1 time slot, with fixed modes and set points
- Frost protection: automatic activation of the air conditioner with ambient temperature below 8°C
- Sleep setting: possibility to manage the set point for each hour of the day

Fixed air conditioners range

Continuous products and 2021 news

+ 2021 PRODUCT INNOVATION

	WALL	DUCT	CASSETTE	CEILING	
MONOSPLIT	<p>PAGE 40</p>  <p>NEXYA S4 E INVERTER INDOOR UNITS UI Nexya S4 E inverter 9 -OS-SENEH09EI 12 -OS-SENEH12EI 18 -OS-SENEH18EI 24 -OS-SENEH24EI</p> <p>OUTDOOR UNITS UE Nexya S4 E inverter 9 C -OS-KENEH09EI + 12 C -OS-KENEH12EI + 18 -OS-CENEH18EI 24 -OS-CENEH24EI</p>	<p>PAGE 42</p>  <p>ALYAS PRO E INVERTER INDOOR UNITS UI Alyas Pro E Inverter OS-SENOH09EI OS-SENOH12EI</p> <p>OUTDOOR UNITS UE Alyas Pro E Inverter OS-CENOH09EI OS-CENOH12EI</p>			
COMMERCIAL		<p>PAGE 46</p>  <p>NEXYA S4 E DUCT INDOOR UNITS UI NexyaS4 E Duct 18 -OS-SEDIH18EI 24 -OS-SEDIH24EI 36 -OS-SEDIH36EI 48 -OS-SEDIH48EI</p> <p>OUTDOOR UNITS UE Nexya S4 E Commercial 18 -OS-CECIH18EI 24 -OS-CECIH24EI 36 -OS-CECIH36EI 36T -OS-CECITH36EI 48T -OS-CECITH48EI</p>	<p>PAGE 48</p>  <p>NEXYA S4 E CASSETTE INDOOR UNITS UI NexyaS4 E Cassette compact 18 -OS-K/SECIH18EI UI NexyaS4 E Cassette 24 -OS-K/SECIH24EI 36 -OS-K/SECIH36EI 48 -OS-K/SECIH48EI</p> <p>OUTDOOR UNITS UE Nexya S4 E Commercial 18 -OS-CECIH18EI 24 -OS-CECIH24EI 36 -OS-CECIH36EI 36T -OS-CECITH36EI 48T -OS-CECITH48EI</p>	<p>PAGE 50</p>  <p>NEXYA S4 E CEILING INDOOR UNITS UI NexyaS4 E Ceiling 18 -OS-SEFIH18EI 24 -OS-SEFIH24EI 36 -OS-SEFIH36EI 48 -OS-SEFIH48EI</p> <p>OUTDOOR UNITS UE Nexya S4 E Commercial 18 -OS-CECIH18EI 24 -OS-CECIH24EI 36 -OS-CECIH36EI 36T -OS-CECITH36EI 48T -OS-CECITH48EI</p>	
MULTISPLIT	<p>PAGE 54</p>  <p>NEXYA S4 E INVERTER INDOOR UNITS UI Nexya S4 E inverter 9 -OS-SENEH09EI 12 -OS-SENEH12EI</p> <p>OUTDOOR UNITS UE NexyaS4 E Dual inverter 14 -OS-CEMYH14EI 18 -OS-CEMYH18EI UE NexyaS4 E Trial inverter 21 -OS-CEMYH21EI UE NexyaS4 E Quadri inverter 28 -OS-CEMYH28EI UE NexyaS4 E Penta inverter 42 -OS-CEMEH42EI</p>	<p>PAGE 54</p>  <p>ALYAS E INVERTER INDOOR UNITS UI Alyas E inverter 9 -OS-SECYH09EI 12 -OS-SECYH12EI</p> <p>OUTDOOR UNITS UE NexyaS4 E Dual inverter 14 -OS-CEMYH14EI 18 -OS-CEMYH18EI UE NexyaS4 E Trial inverter 21 -OS-CEMYH21EI UE NexyaS4 E Quadri inverter 28 -OS-CEMYH28EI UE NexyaS4 E Penta inverter 42 -OS-CEMEH42EI</p>	<p>PAGE 54</p>  <p>NEXYA S4 E DUCT INDOOR UNITS UI NexyaS4 E Duct 9 -OS-SEDDH09EI 12 -OS-SEDDH12EI 18 -OS-SEDIH18EI</p> <p>OUTDOOR UNITS UE NexyaS4 E Dual inverter 14 -OS-CEMYH14EI 18 -OS-CEMYH18EI UE NexyaS4 E Trial inverter 21 -OS-CEMYH21EI UE NexyaS4 E Quadri inverter 28 -OS-CEMYH28EI UE NexyaS4 E Penta inverter 42 -OS-CEMEH42EI</p>	<p>PAGE 55</p>  <p>NEXYA S4 E CASSETTE INDOOR UNITS UI NexyaS4 E Cassette compact 9 -OS-K/SECIH09EI 12 -OS-K/SECIH12EI 18 -OS-K/SECIH18EI</p> <p>OUTDOOR UNITS UE NexyaS4 E Dual inverter 14 -OS-CEMYH14EI 18 -OS-CEMYH18EI UE NexyaS4 E Trial inverter 21 -OS-CEMYH21EI UE NexyaS4 E Quadri inverter 28 -OS-CEMYH28EI UE NexyaS4 E Penta inverter 42 -OS-CEMEH42EI</p>	



NEXYA S4 E INVERTER

Energy efficient monosplit inverter air conditioners



HIGH EFFICIENCY TECHNOLOGY

Class A++ in cooling
Class A+ in heating



HEAT PUMP

Operation also in heat pump, to replace traditional heating in intermediate seasons or to enhance it.



WI-FI KIT INCLUDED

To ensure Wi-Fi connection to the air conditioner, simply install the special USB key (included in the package) and download the OS Comfort app.



REMOTE CONTROL

Remote control included.



LOW GWP GAS

It uses R32 refrigerant, which has a greenhouse effect reduced by almost 70% (compared to R410A).

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.

Follow Me function: The ambient temperature sensor in the remote control is activated to allow for more faithful temperature detection.

Golden Fin anti-corrosion treatment, on the battery of the outdoor unit for better protection.

NEW

NEW

			Nexya S4 E Inverter 9 C	Nexya S4 E Inverter 12 C	Nexya S4 E Inverter 18	Nexya S4 E Inverter 24	
PRODUCT CODE			OS-K/SENEH09EI	OS-K/SENEH12EI	OS-C/SENEH18EI	OS-C/SENEH24EI	
EAN CODE			8021183117462	8021183117479	8021183114898	8021183114911	
	Output power in cooling mode (1) (min / rated / max)	kW	0.91/2.64/3.40	1.11/3.40/4.16	1.82/5.28/6.13	2.08/7.03/7.95	
	Output power in heating mode (2) (min / rated / max)	kW	0.82/2.93/3.37	1.09/3.68/4.22	1.38/5.57/6.74	1.61/7.33/8.79	
	Absorbed power in cooling mode (1) (min / rated / max)	kW	0.10/0.73/1.24	0.13/1.04/1.58	0.14/1.539/2.360	0.16/2.345/2.96	
	Absorbed power in heating mode (2) (min / rated / max)	kW	0.12/0.73/1.20	0.10/0.99/1.68	0.2/1.480/2.410	0.26/2.035/3.14	
	Current consumption in cooling mode (1) (min / rated / max)	A	0.40/3.20/5.40	0.5/4.56/6.9	0.6/8.4/10.3	0.7/10.2/13.3	
	Current consumption in heating mode (2) (min / rated / max)	A	0.50/3.20/5.20	0.4/4.35/6.9	0.9/6.7/10.5	1.1/10.2/13.3	
	EER (min/nominal/max)		3,60	3,28	3,43	3,00	
	COP (2) (rated)		4,00	3,72	3,76	3,60	
	Energy efficiency class in cooling		A++	A++	A++	A++	
	Energy efficiency class in heating mode average climate		A+	A+	A+	A+	
	Energy efficiency class in heating mode warmer climate		A+++	A+++	A+++	A+++	
	Annual energy consumption in cooling mode	kWh/year	156	211	261	412	
	Annual energy consumption in heating mode intermediate season	kWh/year	910	945	1444	1697	
	Annual energy consumption in heating mode WARMER SEASON	kWh/year	714	706	1207	1784	
	Maximum power consumption in cooling mode	W	2150	2150	2950	3850	
	Maximum power consumption in heating mode	W	2150	2150	2950	3850	
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,8	3,6	5,3	7,2
	Heating / Average	Pdesignh	kW	2,6	2,7	4,2	4,9
	Heating / Warmer	Pdesignh	kW	2,6	2,5	4,5	6,4
	Heating / Colder	Pdesignh	kW	-	-	-	-
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,3	6,1	7,1	6,1
	Heating / Average	SCOP (A)		4,0	4,0	4,1	4,0
	Heating / Warmer	SCOP (W)		5,1	5,1	5,3	5,1
	Heating / Colder	SCOP (C)		-	-	-	-
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	54	55	55	59
	Sound Pressure (min / rated / max speed)		dB(A)	39/32/25/-	41/35/25/-	44/37/30/25	44,5/42/34,5/28
	Air flow rate in cooling mode (max/med/min)		m³/h	466/360/325	547/430/314	840/680/540	980/817/662
	Air flow rate in heating mode(max/med/min)		m³/h	466/360/325	625/430/314	840/680/540	980/817/662
	Fan speeds		giri/min	1030 / 900 / 750	1150/950/750	1130 / 900 / 800	1150 / 1000 / 850
	Degree of protection		IPX0	IPX0	IPX0	IPX0	IPX0
	Dimensions (W x H x D)		mm	805x285x194	805x285x194	957x302x213	1040x327x220
	Weight (without packing)		Kg	7,6	7,6	10	12,3
OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	62	63	61	67
	Sound Pressure		dB(A)	55,5	56	55,5	59,5
	Air flow rate (max)		m³/h	1750	1800	2000	3000
	Fan speeds			-	-	3	3
	Degree of protection			IP24	IP24	IP24	IP24
	Dimensions (W x H x D)		mm	720x495x270	720x495x270	800x554x333	845x702x363
	Weight (without packing)		Kg	23,2	23,2	34	51,5
Dehumidification capacity		l/h	1,0	1,2	1,0	1,0	
Connecting liquid pipeline diameter		inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35	3/8" - 9,52	
Connecting gas pipeline diameter		inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7	5/8" - 15,9	
Maximum piping length		m	25	25	30	50	
Maximum height difference		m	10	10	20	25	
Maximum operating pressure		MPa	4,3/1,7	4,3/1,7	4,6/1,7	4,3/1,7	
Refrigerant gas*		Type	R-32	R-32	R-32	R-32	
Global warming potential	GWP		675	675	675	675	
Refrigerant gas charge		Kg	0,55	0,55	1,00	1,60	
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.S.	+17 / +32	+17 / +32	+17 / +32	+17 / +32	
	Indoor temperature in heating (Min-Max)	°C B.S.	0 / +30	0 / +30	+17 / +27	+17 / +27	
	Outdoor temperature in cooling (Min-Max)	°C B.S.	- / +43	- / +43	- / +43	- / +43	
	Outdoor temperature in heating (Min-Max)	°C B.S.	-15 / +30	-15 / +30	-15 / +24	-15 / +24	

The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011. The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data are subject to change and modification without prior notice.

*Non-hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.

ALYAS PRO E INVERTER

Wall-mounted inverter air conditioners with high energy efficiency, for cold climates and high performance.



HIGH EFFICIENCY TECHNOLOGY

Class A +++ in cooling
Class A +++ in heating (warmer climate)
Class A ++ in heating (average climate)
Class A in heating (cold climate)



HEAT PUMP

Operation also in heat pump, to replace traditional heating in intermediate seasons or to enhance it.



OLIMPIA SPLENDID INVERTER SYSTEM

The speed of the motors is constantly regulated according to the set temperature. Consumption is thus reduced by 30% compared to motors with traditional technology.



LOW GWP GAS

It uses R32 refrigerant, which has a greenhouse effect reduced by almost 70% (compared to R410A).



OPERATION LIMIT CONDITIONS

The limit condition of heating operation of the outdoor ambient temperature is -22°C

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.

Follow Me function: The ambient temperature sensor in the remote control is activated to allow for more faithful temperature detection.

Golden Fin anti-corrosion treatment, on the battery of the outdoor unit for better protection.

				Alyas Pro E Inverter 9	Alyas Pro E Inverter 12
PRODUCT CODE				OS-C/SENOH09EI	OS-C/SENOH12EI
EAN CODE				8021183115857	8021183115888
Output power in cooling mode (1) (min / rated / max)			kW	0.91/2.64/4.40	0.93/3.52/4.75
Output power in heating mode (2) (min / rated / max)			kW	0.79/2.86/6.30	0.98/3.81/6.50
Absorbed power in cooling mode (1) (min / rated / max)			kW	0.05/0.60/1.55	0.05/0.98/1.59
Absorbed power in heating mode (2) (min / rated / max)			kW	0.14/0.65/2.10	0.17/1.03/2.13
Current consumption in cooling mode (1) (min / rated / max)			A	0.5/4.0/7.0	0.5/4.2/7.0
Current consumption in heating mode (2) (min / rated / max)			A	1.0/4.22/9.2	1.2/4.5/9.4
EER (1) (min/nominal/max)				4,40	3,60
COP (2) (rated)				4,41	3,70
Energy efficiency class in cooling				A+++	A+++
Energy efficiency class in heating mode average climate				A++	A++
Energy efficiency class in heating mode warmer climate				A+++	A+++
Energy efficiency class in heating mode cold climate				A	A
Annual energy consumption in cooling mode		kWh/year		111	155
Annual energy consumption in heating mode average climate		kWh/year		792	852
Annual energy consumption in heating mode warmer climate		kWh/year		762	762
Annual energy consumption in heating mode cold climate		kWh/year		2156	2156
Maximum power consumption in cooling mode (3)			W	2350	2350
Maximum power consumption in heating mode (4)			W	2350	2350
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,7	3,5
	Heating / Average	Pdesignh	kW	2,6	2,8
	Heating / Warmer	Pdesignh	kW	2,7	2,7
	Heating / Colder	Pdesignh	kW	3,9	3,9
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER	kW	8,5	8,1
	Heating / Average	SCOP (A)		4,6	4,6
	Heating / Warmer	SCOP (W)		5,1	5,1
	Heating / Colder	SCOP (C)		3,8	3,8
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	56	55
	Sound Pressure (min/rated/max speed/silent)		dB(A)	21,5/25/35/42,5	22/25/35/41
	Air flow rate in cooling mode (max/med/min)		m³/h	611/479/360	611/479/360
	Air flow rate in heating mode(max/med/min)		m³/h	611/479/360	611/479/360
	Fan speeds		giri/min	/	/
	Degree of protection			IPX0	IPX0
	Dimensions (W x H x D)		mm	802x297x189	805x285x194
	Weight (without packing)		Kg	8,5	8,5
OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	64	65
	Sound Pressure		dB(A)	55,5	55,5
	Air flow rate (max)		m³/h	2000	2000
	Fan speeds			850/650/450	850/650/450
	Degree of protection			IP24	IP24
	Dimensions (W x H x D)		mm	800x554x333	800x554x333
	Weight (without packing)		Kg	34,7	34,7
	Dehumidification capacity		l/h	1,0	1,2
	Connecting liquid pipeline diameter		inch - mm	1/4" - 6,35	1/4" - 6,35
	Connecting gas pipeline diameter		inch - mm	3/8" - 9,52	3/8" - 9,52
	Maximum piping length		m	25	25
	Maximum height difference		m	10	10
	Maximum operating pressure		MPa	4,3/1,7	4,3/1,7
	Refrigerant gas*		Type	R-32	R-32
	Global warming potential	GWP		675	675
Refrigerant gas charge		Kg	0,87	0,87	
LIMITS OF OPERATING CONDITIONS					
Indoor ambient temperature	Maximum temperature in cooling		DB 32°C		
	Minimum temperature in cooling		DB 17°C		
	Maximum temperature in heating		DB 30°C		
	Minimum temperature in heating		DB 0°C		
Outdoor ambient temperature	Maximum temperature in cooling		DB 43°C		
	Minimum temperature in cooling		-		
	Maximum temperature in heating		DB 30°C		
	Minimum temperature in heating		DB -22°C		

(1) Test conditions: according to EN14511 standard

Data declared according to EU Delegated Regulation 626/2011

(2) EER/COP in accordance with the Regulations (EN-14511), declared only for the purpose of tax deductions in force at the time of the creation of this publication.

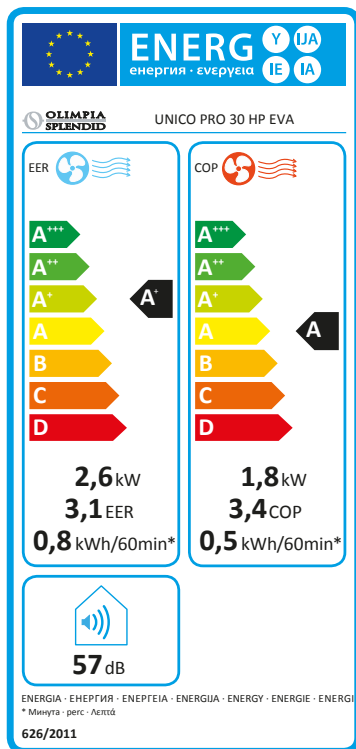
(3) Test conditions under high load in cooling: according to the EN14511 standard

(4) High load test conditions during heating: according to the EN14511 standard

*Non hermetically sealed equipment containing fluorinated gas

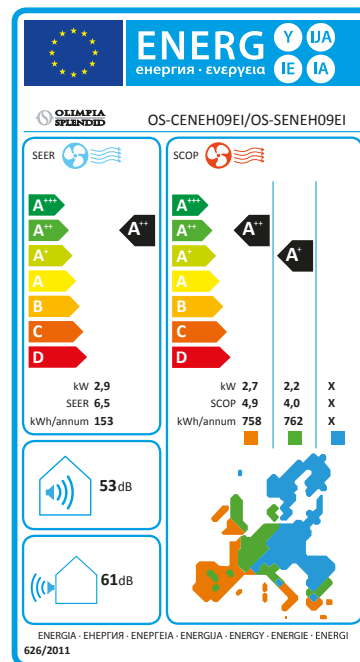
Energy Label

DOUBLE DUCT AIR CONDITIONERS (UNICO)



Energy efficiency class from **A+++** to **D**

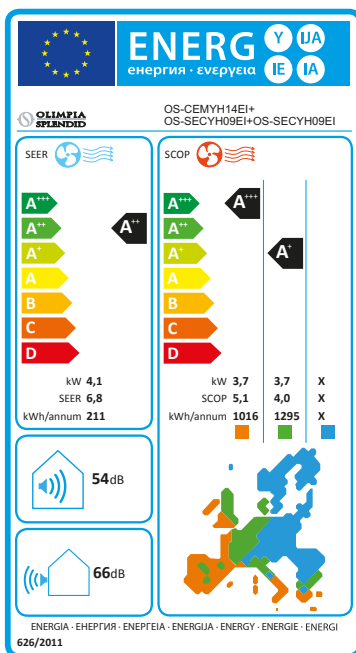
MONOSPLIT AIR CONDITIONER



Energy efficiency class from **A+++** to **D**

Double duct, single duct, fixed and wall split air conditioner Reference Regulation:
EUROPEAN REGULATION (EU) N. 626/2011

CLIMATISEURS MULTISPLITS



Energy efficiency class from **A+++** to **D**

The technical data and the aesthetic of the products may differ from the catalogue. Olimpia Splendid reserves the right to modify them at any time.

olimpiaspplendid.com

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