





UNICO

Heat pump air conditioners
without outdoor unit



An Italian smart factory

The new-generation Unico is proudly made in Italy, using a low-environmental impact production process

Produced with 100% renewable energy

Unico has been produced in Italy since 1998, 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 further enhanced through the creation of a cutting-edge production hall for residential air-conditioning, fully powered by renewable electricity and distinguished by advanced automation and high efficiency.

Packaged in FSC cardboard, recyclable and plastic free

Every material has been carefully selected, including the packaging. Unico's new-generation packaging is made of FSC®-certified cardboard (sourced from responsibly managed forests adhering to strict environmental, social and economic standards), is 100% recyclable and 98% plastic free. And the manuals? They are digital and easy to access via a QR code.





The evolution of Unico

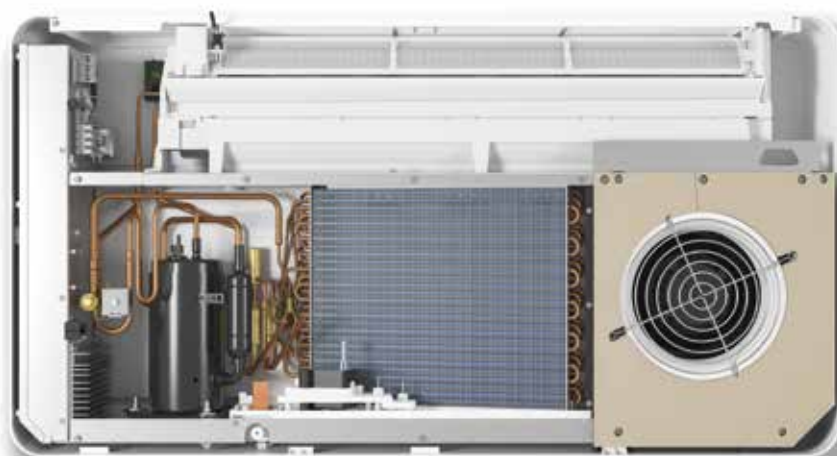
A new-generation technology featuring a sophisticated blend of components that work in perfect sync for optimal performance

-49% perceived noise annoyance























Tests on Product Sound Quality, developed in collaboration with the Department of Architecture and Industrial Design, ACOUVI Research Group - Acoustics, Vibration and multisensory Interactions, of the University of Campania "Luigi Vanvitelli", have shown how the next-generation Unico reduces perceived noise annoyance (PA Index) by up to 49%* compared to previous heat pump air conditioners without outdoor unit (test condition: operation in cooling mode with setpoint 18°C, at minimum and maximum speed). At low frequencies, it is thus the quietest Unico range ever, and with the Silent Mode function enabled, it reaches a maximum sound pressure of 30 dB(A), even with the compressor running.

Superior energy efficiency

The innovative Sync Power System guarantees not only quiet overall unit operation but also the coordinated and harmonious operation of each element, thus improving overall energy efficiency. This new generation of heat pump air conditioners without outdoor unit is thus more efficient in all operating conditions.



Heat pump air conditioners without outdoor unit

	8	10	12
UNICO NEXT	    <p>UNICO NEXT Unico Next-F 8 HP PVA (02523)</p>	      <p>UNICO NEXT Unico Next 10 HP PVAN (02456)</p>	      <p>UNICO NEXT Unico Next 12 HP EVAN (02526)</p>
			      <p>UNICO NEXT Unico Next 12 HP EVANX (02577)</p>
UNICO AIR	    <p>UNICO AIR Unico Air HP EFA (02595)</p>		
UNICO EASY	    <p>UNICO EASY Unico Easy S2 HP (02527)</p>		
UNICO TWIN			   <p>UNICO TWIN Unico Twin Master 12 HP RFA (02207)* Unico Twin wall S1 (01996)</p>



Supplementary electric heating element



Condensation drainage always mandatory (even when used only for cooling)



SF function can be set to prevent the user from accidentally activating the heating mode.



Natural R290 refrigerant



Condensate drain mandatory if used for heating



Integrated Wi-Fi



Low GWP R32 refrigerant

Nomenclature

Position 1: Unico line name

Position 2: Range name

Position 3: Size (8, 10, 12)

8=Class up to 2.0 kW nominal power in cooling mode

10=Class 2.1 kW up to 2.5 kW nominal power in cooling mode

12=Class 2.6 kW up to 3.0 kW nominal power in cooling mode

Position 4: Operating specification (HP=heat pump)

Position 5: Refrigerant (P=R290, E=R32, R=R410A)

Position 6: Compressor technology (V=inverter, F=on/off)

Position 7: Regulatory country specification (A=Europe)

Position 8: Connectivity (N=integrated Wi-Fi)

Position 9: Electric heating element (X)

UNICO NEXT 12 HP EVANX

1 2 3 4 5 6 7 8 9

Energy efficiency class in cooling (depending on the reference operating conditions of each model) on a range between A++ and D.

Installation notes: unlike all the other models in the range, which can be installed high or low on the wall, Unico Easy can only be installed on the floor.

Controls	CODE	DESCRIPTION
	B1015 Compatible with: Unico Air [EFA]	Kit Wi-Fi Unico Wi-Fi/Bluetooth interface card.
	B1014 Compatible with: Unico Air [EFA]	Wireless serial interface Interface for receiving wireless commands (desired temperature, ventilation speed, air deflector operation and air change function) or via contacts (Cooling or Heating operating mode, ventilation speed). Presence sensor contact or Sleep mode. Alarm output in case of malfunction.
	B1012 Compatible with: Unico Air [EFA]	Wireless Wall Control Battery-powered wall-mounted control for sending wireless commands (desired temperature, ventilation speed, air deflector operation).
	B1029 Compatible with: Unico Next-F [PVA] , Unico Next [PVAN/EVAN] , Unico Next [EVANX]	Wireless thermostat Wireless wall control with black and white display (wireless to Unico and equipped with OS Smart System app), complete with receiver to be installed on Unico. Battery operated. Equipped with temperature measurement. NEW
	B1030 Compatible with: Unico Next-F [PVA] , Unico Next [PVAN/EVAN] , Unico Next [EVANX]	IAQ wireless thermostat Wireless colour wall control (wireless to Unico and equipped with OS Smart System app), complete with receiver to be installed on Unico. Mains powered, can be installed on 503 electrical box and on round box. Equipped with temperature, humidity and internal air quality measurement. NEW
	B1128 Compatible with: Unico Next-F [PVA] , Unico Next [PVAN/EVAN] , Unico Next [EVANX]	Wireless relay To wirelessly control other generators or external electrical heating elements, based on the external temperature and the difference between the internal temperature and the set-point temperature. NEW
Built-in	CODE	DESCRIPTION
	B0776 Compatible with: Unico Air [EFA]	Unico Air closing panel for recessed structure Designed to completely camouflage the product within the architecture of the building.
	B0775 Compatible with: Unico Air [EFA]	Recessed formwork kit Unico Air Supplied for quick installation and already prepared with holes for installation of the product.
Other	CODE	DESCRIPTION
	B0984 Compatible with: Unico Next-F [PVA] , Unico Next [PVAN/EVAN] , Unico Next [EVANX] , Unico Twin [RFA]	Kit for preparing holes with a diameter of 200 mm Kit for preparing holes with a diameter of 200 mm equipped with a pair of 200mm folding grids, a pair of 200mm internal flanges, a pair of universal PP sheets, templates for each compatible model (there are no support brackets, which are included in the machine packaging).
	B0564 Compatible with: Unico Next-F [PVA] , Unico Next [PVAN/EVAN] , Unico Next [EVANX] , Unico Easy [S2] , Unico Air [EFA] , Unico Twin [RFA]	Grille kit diameter 160 mm Pair of inside flanges Ø 160 mm, pair of outside folding grilles Ø 160 mm.
	B0620 Compatible with: Unico Next [PVAN/EVAN] , Unico Next [EVANX] , Unico Air [EFA] , Unico Twin [RFA]	Heating cable To prevent the formation of ice in the condensation trap for drainage (heating cable already standard on Unico Vertical).
	B0753 Compatible with: Unico Next-F [PVA] , Unico Next [PVAN/EVAN] , Unico Next [EVANX] , Unico Easy [S2] , Unico Air [EFA] , Unico Twin [RFA]	200 mm 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 grilles. This product is available by special order only. The packaging contains 2 elements (1 for each hole).

Wi-Fi Control

Control via smartphone and tablet for Unico air conditioners

Unico's heat pump air-conditioners without outdoor unit are easy to control, inside and outside the home, even from smartphones and tablets. To activate them and set the main functions, simply download the iOS or Android application compatible with your model or any installed controls (B1029, B1030 or B1015).

All applications allow one or more units installed in the house, display of the room temperature and setting of the main modes (cooling, heating, dehumidification, ventilation), as well as programming of the on/off timers.

Advanced control and optimisation features are available for certain apps: more details are available on the Olimpiasplendid.it website



OS Home

App available for models with integrated Wi-Fi.



OS Smart System

App available for models controlled via B1029 and B1030 thermostats.



Olimpia Splendid Unico

App available for models with integrated connectivity through the B1015 kit.



Built-in Unico

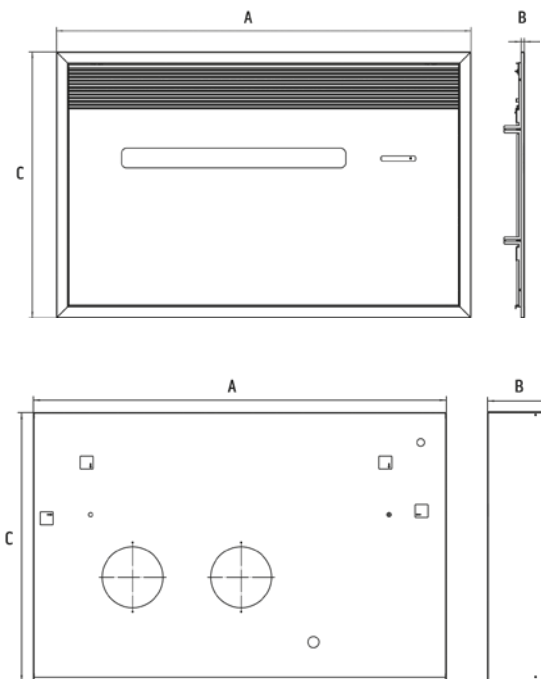
How to make the air conditioner invisible, inside and outside the home

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 FOR RECESS		
A	B	C
1114 mm	171 mm	725 mm



Installation guidelines

The main rules to follow

1. No minimum installation area according to IEC 60335-2-40

With reference to the IEC 60335-2-40 standard, all Unico models in this catalogue can be installed freely inside any room, at any height and without limits of the walkable area.



R290 (A3) gas in-depth analysis according to the IEC 60335-2-40 standard

The IEC 60335-2-40 standard provides the method for calculating the minimum area in which it is possible to install air conditioners containing type A3 coolant gases. Fixed air conditioners containing R290 charges greater than 152 g require verification of the walkable area of the installation room:

- the higher the quantity of refrigerant charge, the larger the room must be;
- the lower the installation height of the machine, the larger the room must be.

The table below shows the minimum walkable areas of the rooms in which the machines can be installed, depending on the installation height and the grams of refrigerant charge (between 152 g and 988 g). Areas smaller than those indicated do not allow the installation of the air conditioner in the room in question, unless the additional precautions required by the IEC 60335-2-40 standard are adopted (such as gas sensors, additional ventilation, etc.).

Minimum walkable areas of the R290 gas room		Installation height of the air conditioner			
		0,6m	1,0m	1,8m	2,2m
Air conditioner gas charge	≤ 152 g (Unico with R290)	Free	Free	Free	Free
	153 g	37 m ²	13 m ²	4 m ²	3 m ²
	220 g	76 m ²	28 m ²	8 m ²	6 m ²
	290 g	133 m ²	48 m ²	15 m ²	10 m ²

N.B. case-by-case checks must be carried out by the installer responsible for installing the air conditioner.

The Unico air conditioners with R290 gas in this catalogue have charges lower than 152 g: it is therefore not necessary to carry out any check of the minimum installation area and they can be installed inside any room, at any height and without limits of walkable area.

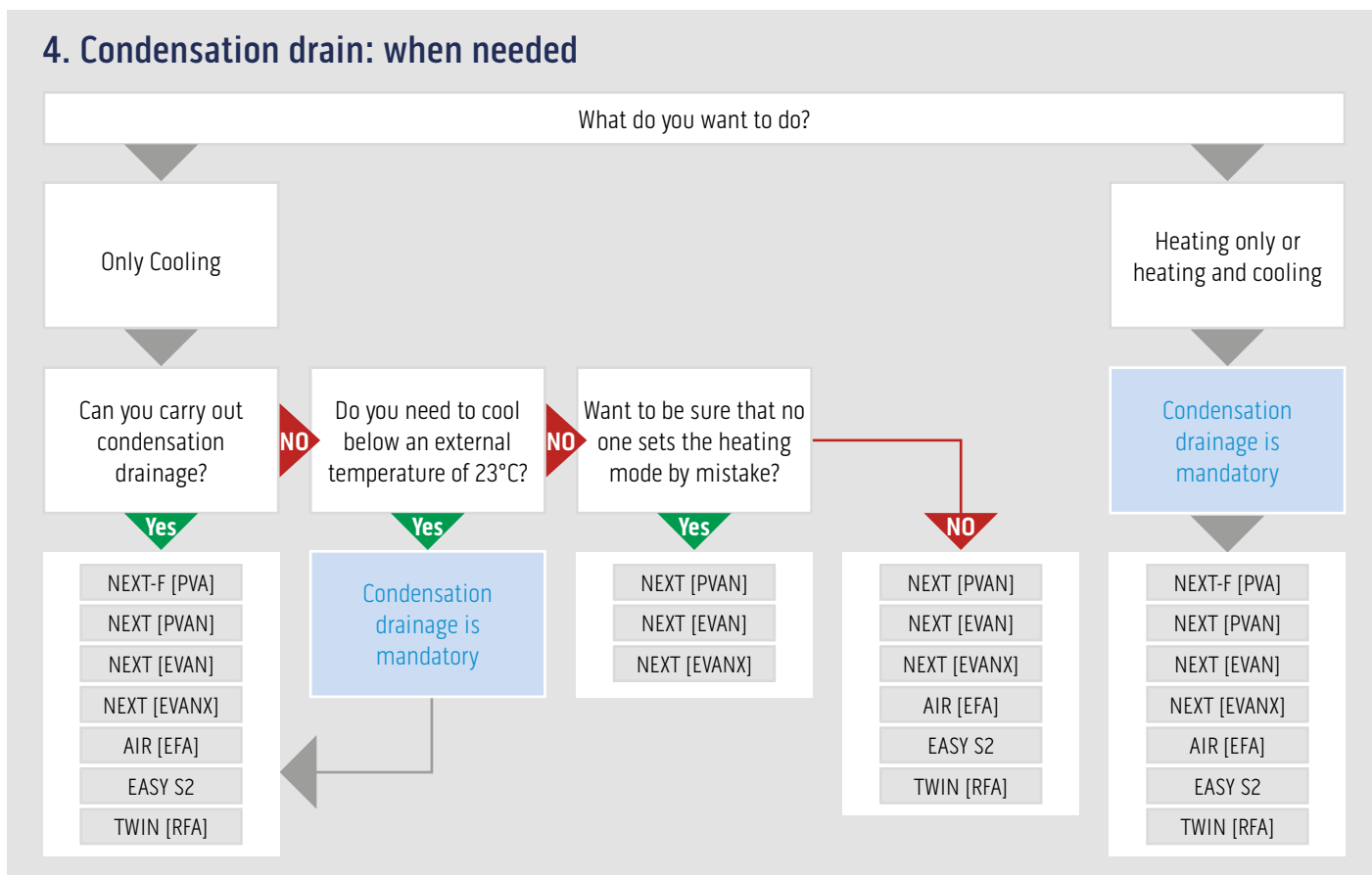
2. Along the perimeter, top or bottom

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 Easy models, which can only be installed on the floor). Check the clearance distances and installation methods in the specific manual for each model.

3. On the outside, only 2 holes

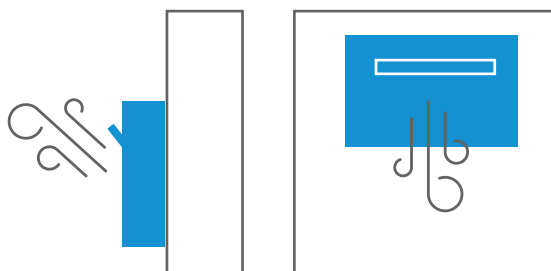
The operation of Unico requires the drilling of two holes in the wall (160 or 200 mm), positioned as indicated in the drilling template, which can be downloaded in the download area of the website www.olimpiasplendid.com. As specified in the installation manuals of the individual models, a third small hole may also be required for condensate drainage. 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.

4. Condensation drain: when needed



5. Flap adjusted for better comfort

Depending on the type of installation chosen, it is necessary to optimise the distribution of comfort in the room by correctly configuring the control electronics of the air outlet flap (see instructions in the manual under "High/low installation configuration").



NEW

UNICO NEXT-F [PVA]

Heat pump air conditioner without outdoor unit

Cod. 02523



CONDENSATE DRAIN

Always mandatory (even when used only for cooling). See the *installation manual* for details.



SYNC POWER SYSTEM

The new Twin Rotary compressor and the latest generation electronics are synchronised to obtain the best acoustic comfort, in all operating conditions.



RECYCLED PLASTIC

Front panel made of 100% recycled plastic, in black. A material identical to the original but recovered from post-consumer products. For an increasingly circular economy.



ECO-FRIENDLY PACKAGING

100% recyclable packaging, in FSC certified cardboard, and 98% plastic free.

FEATURES

Max power: 2.1 kW
Available in the HP version (heat pump), cooling function.
Cooling class: A (on a range between A+++ and D)
Coolant gas: R290
Internal layout of the machine rationalised and optimised for easy maintenance.
Large flap for homogeneous diffusion of air in the environment
Backlit display with touch controls on the machine.
Simplified remote control.
On/off contact for enabling or energy boost.
There is an RS485 port designed to control the air conditioner with external BMS in Modbus RTU language.

FUNCTIONS

Cooling, heating, dehumidification and ventilation



UNICO NEXT [PVAN/EVAN]

Heat pump air conditioner without outdoor unit

Cod. 02456

Cod. 02526



CONDENSATE DRAIN

Mandatory, if heating is used. See the installation manual for details.



SILENT MODE

With the Silent Mode function active (compressor on), it reaches a maximum of 30 dB(A).



SYNC POWER SYSTEM

The new Twin Rotary compressor and the latest generation electronics are synchronised to obtain the best acoustic comfort, in all operating conditions.



ECO-FRIENDLY PACKAGING

100% recyclable packaging, in FSC certified cardboard, and 98% plastic free.

FEATURES

Two max power models: 2.5 and 3.1 kW

Available in HP (heat pump) version. In the absence of condensate drain, during installation the machine can be configured in the "COLD ONLY" version, deactivating the heating function. If necessary, it is also possible to configure it in "HEAT ONLY", deactivating the cooling function.

Cooling class: A (on a range between A+++ and D)

Refrigerant gas: R290 for size 10 and R32 for size 12

Internal machine layout rationalised and optimised for easy maintenance.

Large flap for even air distribution in the room

Equipped with electrostatic filter and activated carbon filter

Backlit display with on-board touch controls.

On/off contact for enabling or energy boost.

An RS485 port is provided to control the air conditioner with external BMS in Modbus RTU language.

FUNCTIONS

Cooling, heating, dehumidification and ventilation

Economy function: allows energy savings, automatically optimising machine performance

Auto function: modulates the operating parameters in relation to the room temperature.

Silent Mode function: mode that sets the machine to the lowest noise level. The compressor and fans are set to bring the sound pressure to just 30 dB(A).

24h timer



UNICO NEXT [EVANX]

Heat pump air conditioner without outdoor unit

Cod. 02577



CONDENSATE DRAIN

Mandatory, if heating is used. See the installation manual for details.



MODULATING ELECTRIC HEATING ELEMENT

Below a certain outside temperature, the unit automatically switches from heat pump to electric heating to ensure comfort even with the coldest outside temperatures. The switching temperature can be set during installation (factory setting of 4°C). The electric heating element has a modulating function, the power output varies depending on the set ventilation speed (1.50kW at Vmin, 1.75kW at Vmed and 2.00kW at Vmax).



SILENT MODE

With the Silent Mode function active (compressor on), it reaches a maximum of 30 dB(A).



SYNC POWER SYSTEM

The new Twin Rotary compressor and the latest generation electronics are synchronised to obtain the best acoustic comfort, in all operating conditions.



ECO-FRIENDLY PACKAGING

100% recyclable packaging, in FSC certified cardboard, and 98% plastic free.

FEATURES

Max power: 3.1 kW

Available in the HP version (heat pump). In the absence of condensation drain, during installation the machine can be configured in the "ONLY COOLING" version, deactivating the heating function. If necessary, it is also possible to configure it in "ONLY HEATING", deactivating the cooling function.

Cooling class: A (on a range between A+++ and D)

Coolant gas: R32

Internal layout of the machine rationalised and optimised for easy maintenance.

Large flap for homogeneous diffusion of air in the environment

Equipped with electrostatic filter and air filter activated carbon

Backlit display with touch controls on the machine.

On/off contact for enabling or energy boost.

There is an RS485 port designed to control the air conditioner with external BMS in Modbus RTU language.

FUNCTIONS

Cooling, heating, dehumidification and ventilation

Economy function: allows energy savings, automatically optimising machine performance

Auto function: modulates the operating parameters in relation to the room temperature.

Silent Mode function: mode that sets the machine to the lowest noise level. The compressor and fans are set to bring the sound pressure to just 30 dB(A).

24h timer

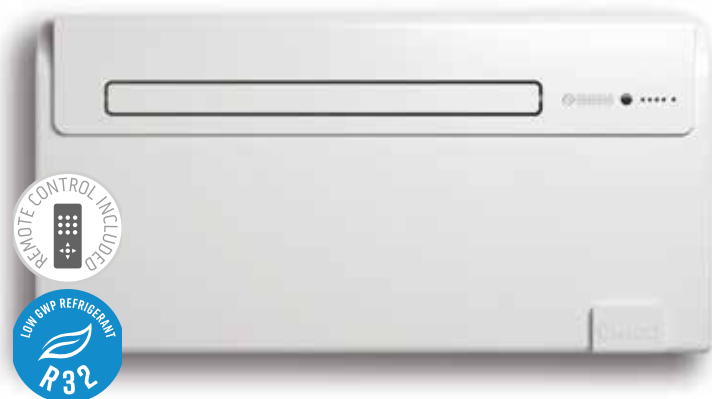


NEW

UNICO AIR [EFA]

Heat pump air conditioner without outdoor unit

Cod. 02595



CONDENSATE DRAIN

Mandatory, if heating is used. See the installation manual for details.



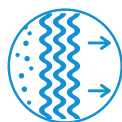
SLIM DESIGN

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, sound pressure drops up to 27 dB (A)*



PURE SYSTEM

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

FEATURES

- Power: 1.8 kW
- Available in HP (heat pump) version
- Class in cooling mode: A (on a range between A+++ and D)
- Refrigerant gas: R32
- Large flap for even air distribution in the room
- Multi-filter system consisting of electrostatic filter (with antidust function) and activated carbon filter (effective against odours)
- Multifunctional remote control

FUNCTIONS

Cooling, heating, dehumidification and ventilation

Auto function: modulates the operating parameters in relation to the room temperature.

Sleep function: gradually increases the set temperature and ensures reduced noise for better night-time well-being.

24 H timer

* Measurement in a semi-anechoic chamber at 2m distance ventilation only.



NEW

UNICO EASY [S2]

Heat pump air conditioner without outdoor unit

Cod. 02527



CONDENSATE DRAIN

Mandatory, if heating is used. See the installation manual for details.



SUPPORTING LEGS

Equipped with two supporting legs for a more stable positioning.



TOUCHSCREEN DISPLAY

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



HEAT PUMP

Available with a heat pump function to replace or enhance traditional heating during mid-season.

FEATURES

Max Power: 2.0 kW
Available in the HP (Heat Pump) version
Cooling class A (on a range between A+++ and D)
R32 refrigerant gas
Floor installation
Control display on the touch screen machine
Remote control

FUNCTIONS

Cooling, heating, dehumidification and ventilation

Auto function: modulates the operating parameters in relation to the room temperature.

Sleep function: gradually increases the set temperature and ensures reduced noise for better night-time well-being.

24 H timer

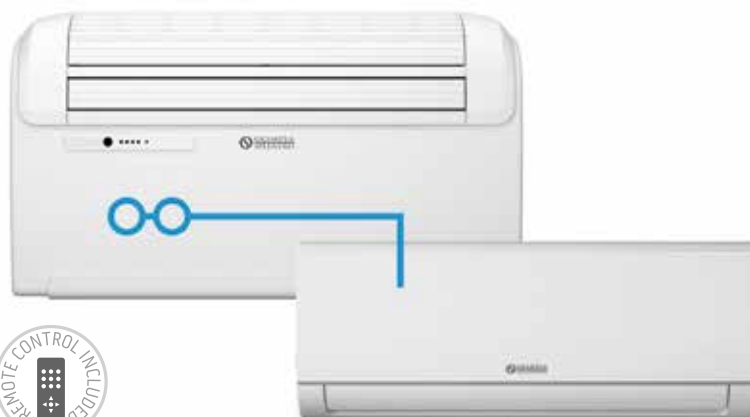


UNICO TWIN [RFA]

The only system to air condition two rooms without outdoor units

Cod. 02207

Cod. 01996



CONDENSATE DRAIN

Mandatory, if heating is used. See the installation manual for details.



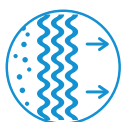
ITALIAN DESIGN

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



TWIN TECHNOLOGY

Two units, connected by a cooling circuit, which can be used either simultaneously or separately.



PURE SYSTEM

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



HEAT PUMP

Also available in the HP version with a heat pump function to replace or enhance traditional heating during mid-season.

FEATURES

Power: 2.6 kW for the master unit and 2.5 kW for the wall unit

Independent or combined operation: if simultaneous operation is chosen, the two units share the available power and are forced to the minimum available speed

Available in the version: HP (heat pump)

Cooling class: A (on a range between A+++ and D)

Coolant gas: R410A

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

Dual multi-function remote control

FUNCTIONS

Cooling, heating, dehumidification and ventilation

Auto function: modulates the operating parameters in relation to the room temperature.













Sleep function: gradually increases the set temperature and ensures reduced noise for better night-time well-being.

24 H timer

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



Heat pump air conditioners without outdoor unit

			NEW		NEW	NEW
			Unico Next-F 8 HP PVA	Unico Next 10 HP PVAN	Unico Next 12 HP EVAN	Unico Next 12 HP EVANX
PRODUCT CODE			02523	02456	02526	02577
EAN CODE			8021183025231	8021183024562	8021183025262	8021183025774
Cooling power (min/max)		kW	1,0 / 2,1	1,0 / 2,5	1,5 / 3,1	1,5 / 3,1
Heating power (min/max)		kW	1,0 / 2,1	1,0 / 2,3	1,2 / 2,7	1,2 / 2,7
Nominal cooling capacity (l)	Prated	kW	 1,6	 2,1	 2,6	 2,6
Nominal heating capacity (l)	Prated	kW	 1,5	 1,7	 2,4	 2,4
Nominal power consumption for cooling (l)	PEER	kW	0,6	0,8	1	1
Nominal absorption for cooling (l)		A	6,1	4,7	4,1	4,1
Nominal power consumption for heating (l)	PCOP	kW	0,5	0,5	0,8	0,8
Nominal absorption for heating (l)		A	3,5	3,4	3,4	3,4
Nominal energy efficiency index (l)	EERd		2,6	2,6	2,6	2,6
Nominal efficiency coefficient (l)	COPd		3,3	3,1	3,1	3,1
Energy efficiency class in cooling (l)			A	A	A	A
Energy efficiency class in heating (l)			A	A	A	A
Energy consumption in "thermostat off" mode	PTO	W	14,0	14	14	14
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	0,5	0,5	0,5
Energy consumption for double pipe appliances (l) cooling function	QDD	kWh/h	0,6	0,8	1	1
Energy consumption for double pipe appliances (l) heating function	QDD	kWh/h	0,5	0,5	0,8	0,8
Cooling power with Silent Mode function		kW	-	1,4	2,1	2,2
Heating power with Silent Mode function		kW	-	1,4	1,9	2,1
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
Power consumption in cooling mode (min/max)		kW	0,3 / 1,1	0,3 / 1,1	0,4 / 1,6	0,4 / 1,6
Absorption in cooling mode (min/max)		A	2,5 / 7,4	2,5 / 7,2	1,9 / 7,6	1,9 / 7,6
Absorbed power in heating mode (min/max)		kW	0,3 / 1,1	0,3 / 1,0	0,3 / 1,1	0,3 / 1,1
Absorption in heating mode (min/max)		A	2,1 / 6,2	2,1 / 5,9	1,5 / 5,4	1,5 / 5,4
Maximum power consumption with electric resistance heating (min/med/max)		kW	-	-	-	1,5/1,75/2,0
Absorption with electric resistance heating (min/med/max)		A	-	-	-	7,2 / 7,7 / 8,4
Dehumidification capacity	l/h		0,7	0,7	0,7	0,7
Air flow rate in cooling environment (max/med/min)	m³/h		195/270/380	195/270/380	210/270/410	210/270/410
Air flow rate in heating environment (max/med/min)	m³/h		195/270/380	195/270/380	210/270/410	210/270/410
Air flow rate with electric resistance heating environment (min/med/max)	m³/h		-	-	-	210/270/410
External air flow rate in cooling (max/min)	m³/h		350/650	350/650	350/650	350/650
External air flow rate in heating (max/min)	m³/h		350/650	350/650	350/650	350/650
Internal ventilation speed			3	3	3	3
External ventilation speed			6	6	6	6
Diameter wall holes**	mm		162/202	162/202	162/202	162/202
Electric resistance heating (min/med/max)		kW	-	-	-	1,5/1,75/2,0
Maximun remote control range (distance/angle)	m / °		8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (WxHxD) (without packaging)	mm		1015 x 540 x 180	1015 x 540 x 180	1015 x 540 x 180	1015 x 540 x 180
Dimensions (WxHxD) (with packaging)	mm		1100 x 605 x 290	1100 x 605 x 290	1100 x 605 x 290	1100 x 605 x 290
Weight (without packaging)	kg		41	41	41	41
Weight (with packaging)	kg		43	43	43	43
Internal sound pressure (min/max) (2)	dB(A)		 27-42	 26-40	 26-42	 26-42
Silent Mode sound pressure level	dB(A)		-	30	30	30
Degree of protection provided by covers			IP20	IP20	IP20	IP20
Refrigerant gas*	Type		R290	R290	R32	R32
Refrigerant gas charge	kg		0,145	0,145	0,28	0,28
Global warming potential	GWP		3	3	675	675
Maximum operating pressure	MPa		3,10	3,1	4,2	4,2
Power cable (N° pole x section mmq)			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	DB 35°C - WB 24°C	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C	DB 18°C	DB 18°C
	Maximum temperature in heating	DB 27°C	DB 27°C	DB 27°C
	Minimum temperature in heating	-	-	-
Outdoor ambient temperature	Maximum temperature in cooling	DB 43°C - WB 32°C	DB 43°C - WB 32°C	DB 43°C - WB 32°C
	Minimum temperature in cooling	-	-	-
	Maximum temperature in heating	DB 24°C - WB 18°C	DB 24°C - WB 18°C	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C	DB -15°C	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 gas with GWP equivalent to 3.

** 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.

Energy efficiency classes refer to a range between A+++ and D.

PRODUCT CODE			02595
EAN CODE			8021183025958
Cooling power (min/max)		kW	-
Heating power (min/max)		kW	-
Nominal cooling capacity (l)	Prated	kW	 1,8
Nominal heating capacity (l)	Prated	kW	 1,7
Nominal power consumption for cooling (l)	PEER		0,7
Nominal absorption for cooling (l)		A	3,1
Nominal power consumption for heating (l)	PCOP	kW	0,5
Nominal absorption for heating (l)		A	2,5
Nominal energy efficiency index (l)		EERd	2,6
Nominal efficiency coefficient (l)		COPd	3,1
Energy efficiency class in cooling (l)			A
Energy efficiency class in heating (l)			A
Energy consumption in "thermostat off" mode		PTO	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5
Energy consumption for double pipe appliances (l) cooling function	QDD	kWh/h	0,7
Energy consumption for double pipe appliances (l) heating function	QDD	kWh/h	0,5
Cooling power with Silent Mode function			-
Heating power with Silent Mode function			-
Supply voltage		V-F-Hz	230-1-50
Supply voltage (min/max)		V	198 / 264
Absorbed power in cooling mode (min/max)		kW	-
Absorption in cooling mode (min/max)		A	-
Absorbed power in heating mode (min/max)		kW	-
Absorption in heating mode (min/max)		A	-
Maximum power consumption with electric resistance heating (min/med/max)		kW	-
Absorption with electric resistance heating (min/med/max)		A	-
Dehumidification capacity		l/h	0,6
Air flow rate in cooling environment (max/med/min)		m³/h	150/180/215
Air flow rate in heating environment (max/med/min)		m³/h	150/180/215
Air flow rate with electric resistance heating environment (min/med/max)		m³/h	-
External air flow rate in cooling (max/min)		m³/h	(- / 380)
External air flow rate in heating (max/min)		m³/h	(- / 380)
Internal ventilation speed			3
External ventilation speed			1
Diameter wall holes**		mm	162
Electric resistance heating (min/med/max)			-
Maximum remote control range (distance/angle)		m / °	8 / ±80°
Dimensions (WxHxD) (without packaging)		mm	978 x 491 x 164
Dimensions (WxHxD) (with packaging)		mm	1060 x 595 x 250
Weight (without packaging)		kg	37
Weight (with packaging)		kg	41
Internal sound pressure (min/max) (2)		dB(A)	 27-38
Silent Mode sound pressure level			-
Degree of protection provided by covers			IP 20
Refrigerant gas*		Type	R32
Global warming potential	GWP		675
Refrigerant gas charge		kg	0,32
Maximum operating pressure		MPa	4,20
Power cable (N° pole x section mmq)			3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor ambient temperature	Maximum temperature in cooling	DB 35°C - WB 24°C	DB 32°C - WB 24°C
	Minimum temperature in cooling	DB 18°C	DB 18°C
	Maximum temperature in heating	DB 27°C	DB 27°C
	Minimum temperature in heating	-	-
Outdoor ambient temperature	Maximum temperature in cooling	DB 43°C - WB 32°C	DB 43°C - WB 32°C
	Minimum temperature in cooling	-	-
	Maximum temperature in heating	DB 24°C - WB 18°C	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C	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

(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 675.




Energy efficiency classes refer to a range between A+++ and D.

NEW

Unico Easy S2 HP

02527

8021183025279

PRODUCT CODE			
EAN CODE			
Cooling power (min/max)		kW	-
Heating power (min/max)		kW	-
Nominal cooling capacity (l)	Prated	kW	 2.0
Nominal heating capacity (l)	Prated	kW	 2.0
Nominal power consumption for cooling (l)	PEER	kW	0,8
Nominal absorption for cooling (l)		A	3,45
Nominal power consumption for heating (l)	PCOP	kW	0,7
Nominal absorption for heating (l)		A	3,00
Nominal energy efficiency index (l)	EERd		2,6
Nominal efficiency coefficient (l)	COPd		2,9
Energy efficiency class in cooling (l)			A
Energy efficiency class in heating (l)			B
Energy consumption in "thermostat off" mode	PTO	W	1,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5
Energy consumption for double pipe appliances (l) cooling function	QDD	kWh/h	0,8
Energy consumption for double pipe appliances (l) heating function	QDD	kWh/h	0,7
Cooling power with Silent Mode function		kW	-
Heating power with Silent Mode function		kW	-
Supply voltage		V-F-Hz	220/240-1-50
Supply voltage (min/max)		V	198 / 264
Power consumption in cooling mode (min/max)		kW	(-/1,045)
Absorption in cooling mode (min/max)		A	(-/5,55)
Power consumption in heating mode (min/max)		kW	(-/1,045)
Absorption in heating mode (min/max)		A	(-/5,55)
Maximum power consumption with electric resistance heating (min/med/max)		kW	-
Absorption with electric resistance heating (min/med/max)		A	-
Dehumidification capacity		l/h	2,2
Air flow rate in cooling environment (max/med/min)		m³/h	335/370/405
Air flow rate in heating environment (max/med/min)		m³/h	335/370/405
Air flow rate with electric resistance heating environment (min/med/max)		m³/h	-
External air flow rate in cooling (max/min)		m³/h	-/505
External air flow rate in heating (max/min)		m³/h	-/505
Internal ventilation speed			3
External ventilation speed			2
Diameter wall holes**		mm	162
Electric resistance heating (min/med/max)			-
Maximum remote control range (distance/angle)		m / °	8 / ±80°
Dimensions (WxHxD) (without packaging)		mm	693 x 665 x 276
Dimensions (WxHxD) (with packaging)		mm	770 x 865 x 423
Weight (without packaging)		kg	34,4
Weight (with packaging)		kg	39,6
Internal sound power level (EN 12102)	LWA	dB(A)	 60
Silent Mode sound pressure level		dB(A)	-
Degree of protection provided by covers			IPX0
Refrigerant gas*		Type	R32
Global warming potential	GWP		675
Refrigerant gas charge		kg	0,285
Maximum operating pressure		MPa	4,2
Power cable (N° pole x section mmq)			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 675.

Energy efficiency classes refer to a range between A+++ and D.

			Unico Twin Master 12 HP RFA	Unico Twin Wall S1
PRODUCT CODE			02207	01996
EAN CODE			8021183022070	8021183019964
Nominal cooling capacity (1)	Prated	kW	 2,6	 2,5
Nominal heating capacity (1)	Prated	kW	 2,5	 2,2
Nominal power consumption for cooling (1)	PEER	kW	0,9	0,9
Nominal absorption for cooling (1)		A	4,3	4,2
Nominal power consumption for heating (1)	PCOP	kW	0,8	0,7
Nominal absorption for heating (1)		A	3,5	3,2
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 function	QDD	kWh/h	0,9	-
Energy consumption for double pipe appliances (1) heating function	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 (1)		W	1200	1200
Maximum absorption in cooling mode (1)		A	5,4	5,4
Maximum power consumption in heating mode (1)		W	1080	1080
Maximum absorption in heating mode (1)		A	4,8	4,8
Dehumidification capacity		l/h	1,1	1,0
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	310 / 230 / 180
Air flow rate in heating environment (max/med/min)		m³/h	450 / 400 / 330	470 / 360 / 310
Air flow rate in cooling environment (max/med/min)		m³/h	500 / 370 / 340	-
External air flow rate in heating (max/med/min)		m³/h	500 / 370 / 340	-
Internal ventilation speed			3	3
External ventilation speed			3	-
Diameter wall holes**		mm	162/202	-
Dimensions (WxHxD) (without packaging)		mm	902 x 516 x 229	805 x 285 x 194
Dimensions (WxHxD) (with packaging)		mm	980 x 610 x 350	870 x 360 x 270
Weight (without packaging)		kg	40,5	7,5
Weight (with packaging)		kg	44,0	9,6
Internal sound pressure (min/max) (2)		dB(A)	 33-42	 25-36
Degree of protection provided by covers			IP 20	IP X1
Refrigerant gas*		Type	R410A	-
Global warming potential	GWP		2088	-
Refrigerant gas charge		kg	0,78	-
Power cable (N° pole x section mmq)			3 x 1,5	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

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 -10°C

Performance and optimal operation are guaranteed with units operating alternately.

* Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 2088.

Performance is measured with 5 m gas pipes.

(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.

* Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 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.

Energy efficiency classes refer to a range between A+++ and D.