
ÛNICO

UNICO

Air conditioners and air-to-air heat pumps without outdoor unit

To keep your home beautiful outside and cool inside

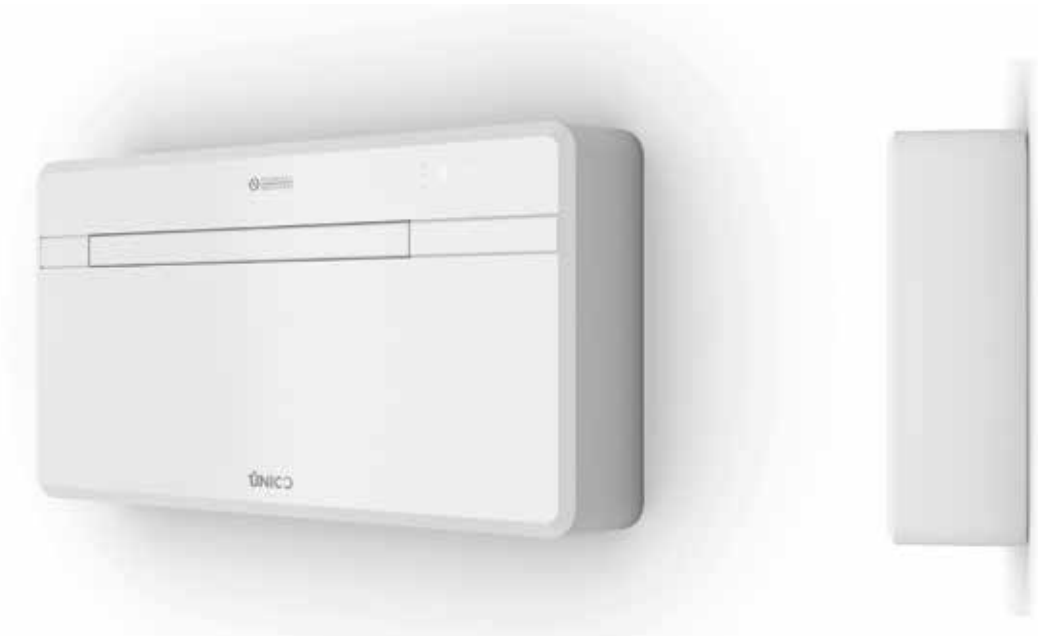
The Olimpia Splendid air conditioner without outdoor unit provides indoor comfort with the maximum respect for outdoor spaces as well as all interior design styles

Behind every aesthetic, 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, Sebastiano Ercoli and Alessandro Garlandini. An internationally awarded design recognised by the most prestigious competitions in the sector.

Perfect blend of plastic and metal

Unico's materials are also the result of a rigorous assessment. The metal structure is "fitted" with a jacket made entirely of plastic that is the best material in the design world. It is a mixture that has been designed to allow for total freedom in shapes, with a careful balance of the final composition for a minimal environmental impact.



A Made in Italy product

Unico is designed and produced by Olimpia Splendid in Italy, in a high-efficiency production facility, powered by 100% with electricity from renewable sources

The Unico Smart Factory

Unico has been produced in Italy since 1998, in the Olimpia Splendid factory, located in Brescia. 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, powered by 100 percent electricity from renewable sources and equipped with automated multi-gas lines-designed to safely handle low-GWP refrigerants.

The Olimpia Splendid production complex was designed according to the principles of the smart factory: 100% powered by electricity from renewable sources, it is characterised by high production efficiency which allowed it to reduce its energy intensity in 2021 (i.e. the ratio between energy consumption and produced output), despite the strong increase in production.

Air conditioners and air-to-air heat pumps without outdoor unit

	8	10	12
UNICO NEXT		NEW  **UNICO NEXT** Unico Next 10 HP PVAN (02456) *	
UNICO AIR	 **UNICO AIR** Unico Air 8 SF (01503) Unico Air 8 HP (01504)	 **UNICO AIR** Unico Air 10 HP EVA (02237) *	
UNICO ART			 **UNICO ART** Unico Art 12 SF RFA (02136)* Unico Art 12 HP RFA (02137)*
			 **UNICO ART** Unico Art 12 SF CVA (02121) * Unico Art 12 HP CVA (02120) *
UNICO R		 **UNICO R** Unico R 10 HP (01495)	 **UNICO R** Unico R 12 HP(01496)
UNICO TWIN	 **UNICO TWIN** Unico Twin Master 12 HP RFA (02207)* Unico Twin wall S1 (01996)		
UNICO EASY	 **UNICO EASY** Unico Easy S1 SF (02037) Unico Easy S1 HP (02036)		

- Air conditioner with inverter motor that optimises consumption
- Air conditioner also available in recessed version
- Air conditioner with 100% reclaimed refrigerant R410A
- Air conditioner with low-GWP R32 gas
- Air conditioner with R290 natural gas
- Air conditioner with integrated Wi-Fi

New nomenclature

Valid for products marked with *

UNICO	NEXT	10	HP	PVAN
1	2	3	4	5 6 7 8

Position 1: Unico line name
Position 2: Range name (NEXT, AIR, ART)
Position 3: Size (8, 10, 12)
8=Class up to 2.0 kW rated power in cooling mode
10=Class from 2.1 kW up to 2.5 kW rated power in cooling
12=Class from 2.6 kW up to 3.0 kW rated power in cooling
Position 4: Operation specification (SF= only cooling, HP=heat pump)
Position 5: Refrigerant (R= R410A , C=R410A regenerated, P=R290)
Position 6: Compressor technology (F=on/off, V=inverter)
Position 7: Country specific legislation (A= Europe)
Position 8: Connectivity (N=integrated wifi)

Energy efficiency classes in cooling, depending on the operating limit conditions of each model.
With the exception of all the other models in the range (which can be installed on high or low walls), Unico Easy can only be installed on the floor.

Optional

	CODE	DESCRIPTION
	B1015	**WI-FI Kit** Wi-Fi/Bluetooth interface card. Compatible with: Unico Air, Unico Art, Unico R.
	B1014	**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. Compatible with: Unico Air, Unico Art, Unico R, Unico Easy.
	B1012	**Wireless Wall Control** Battery-powered wall-mounted control for sending wireless commands (desired temperature, ventilation speed, air deflector operation). Compatible with: Unico Air, Unico Art, Unico R, Unico Easy.
	B0776	**Closing panel for recessed structure** Designed to fully integrate the product into the architecture of the building. Compatible only with Unico Air.
	B0775	**Recessed formwork kit** Supplied for quick installation and already prepared with holes for installation of the product. Compatible only with Unico Air.
	B0565	**200mm diameter - Installation kit** Installation kit for Unico: 1:1 scale installation template, support bracket, PP universal sheets, pair of indoor flanges Ø 200 mm, pair of outdoor folding grilles Ø 200 mm, pair of plugs. Compatible with: Unico Art, Unico R and Unico Twin.
	B0984	NEW **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). Compatible with: Unico Next, Unico Art, Unico Twin and Unico R.
	B0564	**Grille kit - diameter 160 mm** Pair of inside flanges Ø 160 mm, pair of outside folding grilles Ø 160 mm. Compatible with: Unico Next, Unico Air, Unico Art, Unico Twin, Unico Easy and Unico R.
	B0620	**Heating cable** Prevents the formation of ice in the condensation trap for drainage. Compatible with: Unico Next, Unico Air, Unico Art, Unico Twin and Unico R.
	B0753	**200 mm rain cover kit** Rain shield 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). Compatible with: Unico Next, Unico Air, Unico Art, Unico Twin, Unico Easy e Unico R.

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 m²	13 m²	4 m²	3 m²
	220 g	76 m²	28 m²	8 m²	6 m²
	290 g	133 m²	48 m²	15 m²	10 m²

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

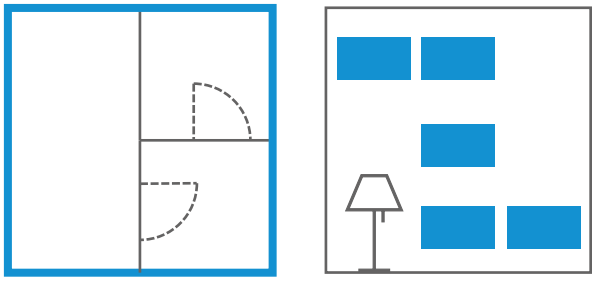
The Unico air conditioners with R290 gas in this catalogue have charges lower than 152 g: it is therefore not necessary to carry out any check of the minimum installation area and they can be installed inside any room, at any height and without limits of walkable area.

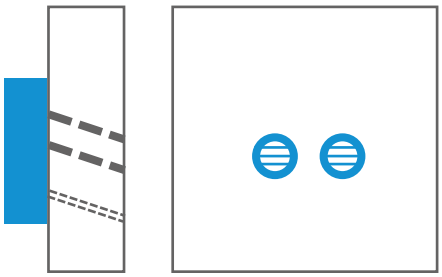
2. Along the perimeter, top or bottom

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. In models with heat pump (HP versions) it is always necessary to make a third small hole, for the condensation 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.



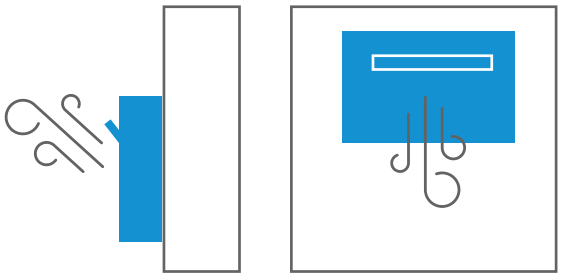


4. Condensation drain: when needed

For all HP versions it is mandatory to create a condensation drain (except in the case in which "ONLY COOLING" operation is set during installation, an option valid only for the Unico Next PVAN model). All SF versions can avoid condensation draining, provided the conditions reported in the installation manuals of the specific model are respected (first and foremost that the external air temperature must be higher than +23°C in the cooling phase).

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").



Wi-Fi Control

In-depth analysis on control from smartphones and tablets

Unico air conditioners without outdoor units can be controlled easily, 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 air conditioner model and, if Wi-Fi is not integrated, request the installation of the dedicated interface card (code B1015 optional).

Olimpia Splendid Unico

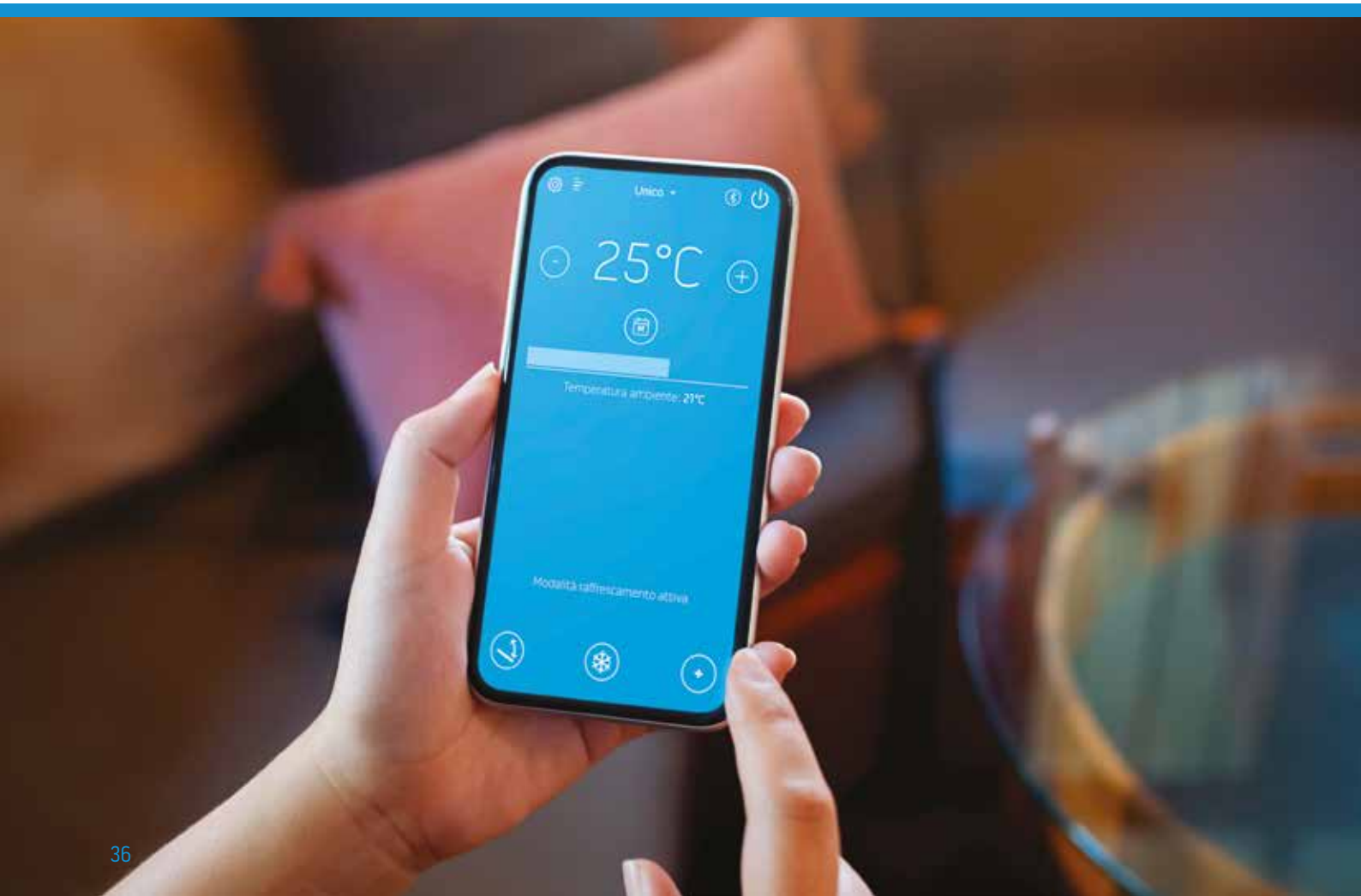
This is the app available for the Unico Air, Unico Art and Unico R models, combined with the dedicated interface card (code B1015).

OS Home

This is the app available for the new generation of air conditioners, with integrated Wi-Fi, Unico Next.

All applications allow you to manage one or more air conditioners without an outdoor unit installed in the house, to display the room temperature and to set the main modes (cooling, heating, dehumidification, ventilation), as well as to program the on and off timers.

Discover the new management and remote control potential of the Unico Next versions with integrated Wi-Fi on the Olimpiasplendid.it website.

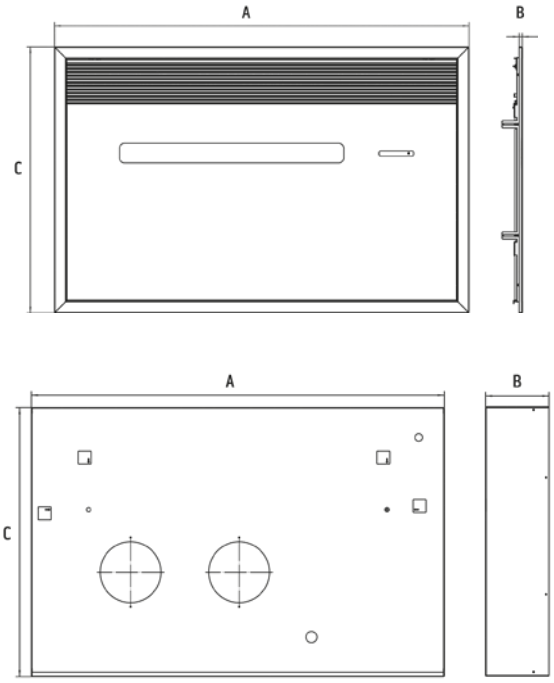


Built-in Unico

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

NEW

UNICO NEXT

The quietest, with inverter motor and R290 gas

Italian design by: newtone

Cod. 02456

CONDENSATION DRAIN
Mandatory (except when the "ONLY COOLING" mode is set during installation).

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.

NATURAL COOLANT GAS

It uses R290 coolant gas, with GWP almost close to zero, for a reduced environmental impact.

ECO-FRIENDLY PACKAGING

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

FEATURES

Max power: 2.5 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
Coolant gas: R290
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

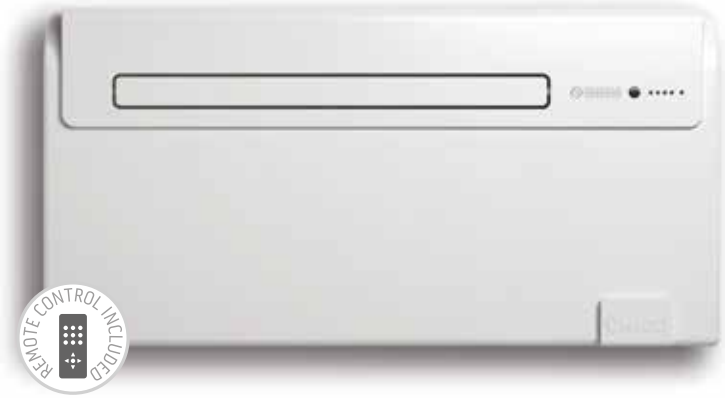
Cooling, heating, dehumidification and ventilation
Economy function: allows energy savings, automatically optimising machine performance
Auto function: modulates the operating parameters in relation to the room temperature.
Silent Mode function: mode that sets the machine to the lowest noise level. The compressor and fans are set to bring the sound pressure to just 30 dB(A).
24h timer

Italian design by:

UNICO AIR

The thinnest (only 16 cm thick)

Cod. 01503 **Cod. 01504**



CONDENSATION DRAIN
Mandatory for the HP version.

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).

HEAT PUMP

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

FEATURES

Power: 1.8 kW
Available in the versions: SF (Only cooling) - HP (Heat Pump)
Cooling class A
R410A refrigerant gas
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

FUNCTIONS

Cooling, heating (HP only), **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.
Condensation drain function: automatic draining in cooling mode.
24 H timer

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

Italian design by:

UNICO AIR

The slimmest, with inverter motor and R32 gas

Cod. 02237

CONDENSATION DRAIN
Mandatory for the HP version.

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)*

LOW GWP GAS

Use the R32 refrigerant gas: more efficient and with greenhouse effect reduced to almost 70% (compared to R410A).

INVERTER TECHNOLOGY

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

FEATURES

Max power: 2.4 kW
Available in the HP (Heat Pump) version
Cooling class A
R32 refrigerant gas
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

FUNCTIONS

Cooling, heating (HP only)**, dehumidification and ventilation**
Economy function: allows energy savings, automatically optimising machine performance
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.

Italian design by:

ercoli+garlandini

UNICO ART

2.7 kW of power

Cod. 02136 **Cod. 02137**

CONDENSATION DRAIN
Mandatory for the HP version.

ITALIAN DESIGN

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

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

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

FEATURES

Power: 2.7 kW
Available in the versions: SF (Only Cooling) - 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).
Multifunction remote control

FUNCTIONS

Cooling, heating (HP only)**, 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.
Condensation drainage function: automatic drainage in cooling mode.
24 H timer

Italian design by:

ercoli+garlandini

UNICO ART

Up to 3.0 kW of power, with inverter motor

Cod. 02121 **Cod. 02120**

CONDENSATION DRAIN
Mandatory for the HP version.

RECLAIMED REFRIGERANT

It 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.

INVERTER TECHNOLOGY

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

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

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

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

FEATURES

Max Power: 3.0 kW
Available in the versions: SF (Only cooling) - HP (Heat Pump)
Cooling class A
R410A reclaimed refrigerant gas
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

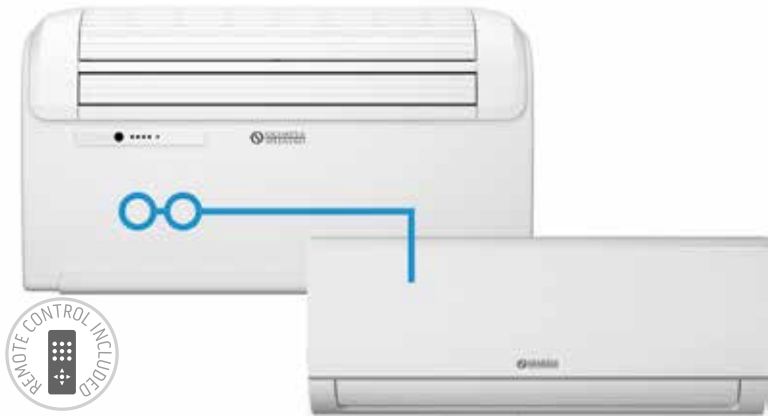
FUNCTIONS

Cooling, heating (HP only), **dehumidification and ventilation**
Economy function: allows energy savings, automatically optimising machine performance
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

The only system to air condition two rooms without outdoor units

Cod. 02207 | Cod. 01996



CONDENSATION DRAIN
Mandatory.

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

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.

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

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

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
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.

UNICO EASY

The consolle air-conditioner without outdoor unit.

Cod. 02036 **Cod. 02037**

CONDENSATION DRAIN
Mandatory for the HP version.

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

Heat pump air conditioner. Thanks to this feature you 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 (Only Cooling) - HP (Heat Pump)
Cooling class A
R410A refrigerant gas
Floor installation
Control display on the touch screen machine
Remote control

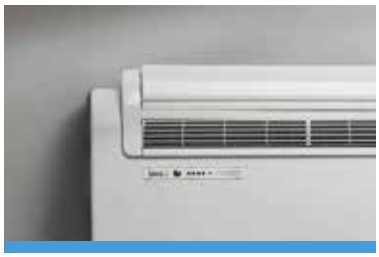
FUNCTIONS

Cooling, heating (HP only)**, 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 R

With auxiliary backup, for the harshest climates

Cod. 01495 **Cod. 01496**



CONDENSATION DRAIN
Mandatory.

RECLAIMED REFRIGERANT

It 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
Reclaimed R410A refrigerant gas
Bottom installation recommended, for enhanced air distribution
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

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

Air conditioners and air-to-air heat pumps without outdoor unit

			Unico Next 10 HP PVAN (NEW)	Unico Air 8 SF	Unico Air 8 HP	Unico Air 10 HP EVA
PRODUCT CODE			02456	01503	01504	02237
EAN CODE			8021183024562	8021183015034	8021183015041	8021183022377
Cooling power (min/max)		kW	1,0 / 2,5	-	-	1,9/2,4
Heating power (min/max)		kW	1,0 / 2,3	-	-	1,8/2,3
Nominal cooling capacity (1)	Prated	kW	2,1	1,8	1,8	2,2
Nominal heating capacity (1)	Prated	kW	1,7	-	1,7	2,1
Nominal power consumption for cooling (1)	PEER	kW	0,8	0,7	0,7	0,8
Nominal absorption for cooling (1)		A	4,7	3,1	3,1	4,7
Nominal power consumption for heating (1)	PCOP	kW	0,5	-	0,5	0,7
Nominal absorption for heating (1)		A	3,4	-	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	3,1
Energy efficiency class in cooling (1)			A	A	A	A
Energy efficiency class in heating (1)			A	-	A	A
Energy consumption in "thermostat off" mode	PTO	W	14	14,0	14,0	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	0,8	0,7	0,7	0,8
Energy consumption for double pipe appliances (1) - heating function	QDD	kWh/h	0,5	-	0,5	0,7
Cooling power with Silent Mode function		kW	1,4	-	-	-
Heating power with Silent Mode function		kW	1,4	-	-	-
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	0,3 / 1,1	-	-	0,7/1,1
Absorption in cooling mode (min/max)		A	2,5 / 7,2	-	-	3,7/5,3
Absorbed power in heating mode (min/max)		kW	0,3 / 1,0	-	-	0,5/0,8
Maximum absorption in heating mode (min/max)		A	2,1 /5,9	-	-	2,5/4,6
Maximum power consumption with electric resistance heating		kW	-	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-	-
Dehumidification capacity		l/h	0,7	0,6	0,6	0,8
Air flow rate in cooling environment (max/med/min)		m³/h	380/270/195	215/180/150	215/180/150	235/180/150
Air flow rate in heating environment (max/med/min)		m³/h	380/270/195	-	215/180/150	190/170/150
Air flow rate with electric resistance heating environment		m³/h	-	-	-	-
External air flow rate in cooling (max/min)		m³/h	650/350	380	380	380/190
External air flow rate in heating (max/min)		m³/h	650/350	-	380	380/190
Internal ventilation speed			3	3	3	3
External ventilation speed			6	1	1	2
Diameter wall holes**		mm	162/202	162	162	162
Electric resistance heating			-	-	-	-
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	978 x 491 x 164	978 x 491 x 164	978 x 500 x 164
Dimensions (WxHxD) (with packaging)		mm	1100 x 605 x 290	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		kg	41	37	37	39
Weight (with packaging)		kg	43	41	41	43
Internal sound pressure (min/max) (2)		dB(A)	26-40	27-38	27-38	27-38
Silent Mode sound pressure level		dB(A)	30	-	-	-
Degree of protection provided by covers			IP 20	IP 20	IP 20	IP20
Refrigerant gas*		Type	R290	R410A	R410A	R32
Global warming potential	GWP		3	2088	2088	675
Refrigerant gas charge		kg	0,145	0,47	0,47	0,37
Maximum operating pressure		MPa	3,1	4,20	4,20	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	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 fluorinated gas with GWP equivalent 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.

			Unico Art 12 SF RFA	Unico Art 12 HP RFA	Unico Art 12 SF CVA	Unico Art 12 HP CVA
PRODUCT CODE			02136	02137	02121	02120
EAN CODE			8021183021363	8021183021370	8021183021219	8021183021202
Cooling power (min/max)		kW	-	-	1,8 / 3,0	1,8 / 3,0
Heating power (min/max)		kW	-	-	-	1,8 / 3,1
Nominal cooling capacity (1)	Prated	kW	2,7	2,7	2,6	2,6
Nominal heating capacity (1)	Prated	kW	-	2,5	-	2,4
Nominal power consumption for cooling (1)	PEER	kW	1,0	1,0	1,0	1,0
Nominal absorption for cooling (1)		A	4,3	4,3	-	4,60
Nominal power consumption for heating (1)	PCOP	kW	-	0,8	-	0,8
Nominal absorption for heating (1)		A	-	3,3	-	3,80
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)			A	A	A	A
Energy efficiency class in heating (1)			-	A	-	A
Energy consumption in "thermostat off" mode	PTO	W	14,0	14,0	29	29
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	1,0	1,0	1,0	1,0
Energy consumption for double pipe appliances (1) - heating function	QDD	kWh/h	-	0,8	-	0,8
Cooling power with Silent Mode function			-	-	-	-
Heating power with Silent Mode function			-	-	-	-
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	-	-	0,6 / 1,4	0,6 / 1,4
Absorption in cooling mode (min/max)		A	-	-	2,7 / 6,4	2,7 / 6,4
Absorbed power in heating mode (min/max)		kW	-	-	-	0,5 / 1,3
Maximum absorption in heating mode (min/max)		A	-	-	-	2,4 / 5,9
Maximum power consumption with electric resistance heating		kW	-	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-	-
Dehumidification capacity		l/h	0,9	1,1	1,1	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	-	450 / 400 / 330	-	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	520/350	500 / 340
External air flow rate in heating (max/min)		m³/h	-	500 / 340	-	500 / 340
Internal ventilation speed			3	3	3	3
External ventilation speed			3	3	6	6
Diameter wall holes**		mm	162/202	162/202	162 / 202	162 / 202
Electric resistance heating			-	-	-	-
Maximun remote control range (distance/angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (WxHxD) (without packaging)		mm	902 x 516 x 229	902 x 516 x 229	902 x 506 x 229	902 x 506 x 229
Dimensions (WxHxD) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		kg	40	40	39	40
Weight (with packaging)		kg	44	44	43	43
Internal sound pressure (min/max) (2)		dB(A)	33-42	33-42	33-43	33-43
Silent Mode sound pressure level			-	-	-	-
Degree of protection provided by covers			IP20	IP 20	IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A	R410A reclaimed	R410A reclaimed
Global warming potential	GWP		2088	2088	2088	2088
Refrigerant gas charge		kg	0,54	0,55	0,57	0,58
Maximum operating pressure		MPa	3,6	3,6	4,15	4,15
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	DB 35°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 -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 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.

			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/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 mm²)			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.

			Unico Easy S1 SF	Unico Easy S1 HP	Unico R 10 HP	Unico R 12 HP
PRODUCT CODE			02037	02036	01495	01496
EAN CODE			8021183020373	8021183020366	8021183014952	8021183014969
Cooling power (min/max)		kW	-	-	-	-
Heating power (min/max)		kW	-	-	-	-
Nominal cooling capacity (1)	Prated	kW	2,0	2,0	2,3	2,7
Nominal heating capacity (1)	Prated	kW	-	1,8	2,3	2,5
Nominal power consumption for cooling (1)	PEER	kW	0,8	0,8	0,9	1,0
Nominal absorption for cooling (1)		A	3,45	3,45	3,70	4,30
Nominal power consumption for heating (1)	PCOP	kW	-	0,7	0,7	0,8
Nominal absorption for heating (1)		A	-	3,00	3,0	3,3
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	2,7	3,1	3,1
Energy efficiency class in cooling (1)			A	A	A	A
Energy efficiency class in heating (1)			-	B	A	A
Energy consumption in "thermostat off" mode	PTO	W	1,0	1,0	14,0	14,0
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	0,8	0,8	0,9	1,0
Energy consumption for double pipe appliances (1) - heating function	QDD	kWh/h	-	0,7	0,7	0,8
Supply voltage		V-F-Hz	220/240-1-50	220/240-1-50	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		kW	1,027	1,036	0,9	1,1
Maximum absorption in cooling mode		A	5,46	5,55	3,9	4,8
Maximum power consumption in heating mode		kW	-	1,036	0,9	1,1
Maximum absorption in heating mode		A	-	5,6	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	2,2	2,2	0,9	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	405 / 370 / 335	405 / 370 / 335	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	-	405 / 370 / 335	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	505 / 0	505 / 0	520 / 350	500 / 340
External air flow rate in heating (max/min)		m³/h	-	505 / 0	520 / 350	500 / 340
Internal ventilation speed			3	3	3	3
External ventilation speed			2	2	3	3
Diameter wall holes**		mm	162	162	162/202	162/202
Electric resistance heating			-	-	2000	2000
Maximun remote control range (distance/angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (WxHxD) (without packaging)		mm	693 x 665 x 276	693 x 665 x 276	902 x 516 x 229	902 x 516 x 229
Dimensions (WxHxD) (with packaging)		mm	770 x 865 x 421	770 x 865 x 423	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		kg	36	35,6	40	40
Weight (with packaging)		kg	41	40,9	44	44
Internal sound power level (EN 12102)	LWA	dB(A)	60	60	56	57
Internal sound pressure (min/max) (2)		dB(A)	-	-	33-41	33-42
Degree of protection provided by covers			IP X0	IPX0	IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A	R410A reclaimed	R410A reclaimed
Global warming potential	GWP		2088	2088	2088	2088
Refrigerant gas charge		kg	0,51	0,515	0,65	0,55
Maximum operating pressure		MPa	4,2	4,2	3,6	3,6
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor ambient temperature	**Maximum temperature in cooling**	DB 32°C – WB 24°C	DB 35°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 -5°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 fluorinated gas with GWP equivalent 2088.
** Unico R is 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.