



UNICO

Climate control without an outdoor unit

**OLIMPIA
SPLENDID**
NEW USER FRIENDLY SYSTEMS

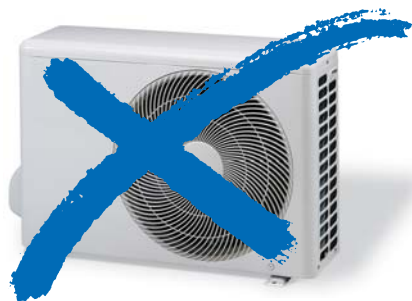
UNICO

Without outdoor unit

The most versatile

Unico is the first air conditioner to have eliminated the outdoor unit. In a single body it contains what the split units have in two. This facilitates installation and makes air conditioning possible even in those places which would have had to do without because installation of the outdoor pack is impossible. Unico is an independent air conditioner that electronically manages the ideal climate, room by room.

The first without an outdoor unit



Lovely presence, wonderful absence

Outdoor and indoor units are finally brought together, thus eliminating complex, costly installations. The grilles covering the outside holes are practically invisible, thus preserving the aesthetic value of the building.



Low installation costs

Unico is easy to install: the external connection uses two holes that can be made from the inside using a core driller.

The patented outside grilles can be set directly from inside the room. In the cooling-only models, the automatic venting of condensation further simplifies the installation.



Easy, Star & Sky: Five power ratings, Nine models

Unico is a true climate control unit: to meet the widest range of demands, it comes in five models and a full nine versions, four of which are fit with a heat pump so you can enjoy cooling in summer but also warmth in the in-between seasons.

Evolved electronics

Unico Star and Unico Sky are BAS-ready, which means they can be integrated into a "BAS" or Building Automation System. A BAS makes it possible to manage one or more climate control units simply using a wall-mounted wireless control or a personal computer. Turning the unit on and off, selecting operating parameters: everything is extremely simple, and can even be handled remotely, which means even greater comfort and energy savings. A BAS is the ideal solution for centralized multi-room climate control, whether in the home or office.



A truly comprehensive range



Unico Sky

Unico Star

Unico Easy

UNICO *Easy*

Without outdoor unit

Unico Easy

Unico Easy is the floor air conditioner with no outdoor unit. It is fast and easy to install, practical and simple to use: Unico Easy is the simplest solution for complete air conditioning.

Elegance and discretion

Unico Easy is designed to integrate perfectly into any room: the soft lines, rounded shapes and small size make it a discreet, elegant furnishing accent.

Comfort and convenience above all

Unico Easy is the epitome of comfort and convenience: all functions can be activated easily thanks to the new-generation remote control. Ergonomic grip and quick, easy use, the controls can be used directly on the machine (thanks to the practical housing) or remotely, without leaving the comfort of your chair.

Auto and Moon

The perfect climate in all circumstances: the Auto function automatically defines maximum climate comfort according to the temperature and humidity in the room. The Moon function adapts air conditioning function to the various metabolic phases that occur at night, thus guaranteeing your nightly repose.

Silent

Seen but not heard: thanks to the use of a tangential fan (fixed split type), the latest generation sliding vane compressor and high efficiency sound-proofing, Unico Easy provides truly silent operation (just 38 db).





Design: Dario Tanfoglio

UNICO *Easy*

Without outdoor unit

Ecological

Unico Easy safeguards the environment from all points of view: the optimized "double-duct" technology ensures high performance and utmost efficiency. In fact, Unico Easy has a Class A rating and uses only environmentally-friendly R410A gas.

Comfy warmth

Thanks to the heating element, Unico Easy does not limit itself to just cooling and dehumidification: in the intermediate seasons its truly complete climate control will be a pleasant surprise.



UNICO *Easy*

Without outdoor unit



Unico Easy HE		
		Cod. 00740
Cooling power (1)	kW	2,05
Heating power (2)	kW	1,40
Power rating in cooling mode (1)	W	775
Power rating in heating mode (2)	W	1.400
Annual power consumption in cooling mode (1)	kWh	387,5
Dehumidification capacity	l/h	1,0
Power voltage	V-F-Hz	230-1-50
E.E.R.	—	2,65
C.O.P.	—	1,00
Energy efficiency class in cooling mode	—	A
Energy efficiency class in heating mode	—	G
Fan speed (internal/external)	—	2/2
Indoor air capacity in cooling mode (max/min)	m³/h	328-274
Indoor air capacity in heating mode	m³/h	274
Outside air capacity in cooling mode (max/min)	m³/h	429-258
Outside air capacity in heating mode (max/min)	m³/h	-
Dimensions (width x height x depth)	mm	693x666x276
Weight (without packaging)	kg	39
Noise level (sound pressure*/sound power**)	dB(A) (min-max)	36-43/45-54
Heating element	W	1.400
Diameter of holes in wall	mm	160
Refrigerant gas/load	Type/kg	R410A/0,550
Power supply cable (no. poles x section mm²)	—	3x1,5
Maximum remote control detection distance/angle	m/°	8/80°

LIMITS OF OPERATION	Indoor temperature	Outdoor temperature
Operating temperature - max in cooling mode	DB 32°C - WB 23°C	DB 43°C - WB 32°C
Operating temperature - min in cooling mode	DB 18°C - WB 16°C	DB 18°C - WB 16°C
Operating temperature - max in heating mode	DB 27°C	-
Operating temperature - min in heating mode	-	-

Test conditions	Indoor temperature	Outdoor temperature
(1) Cooling capacity tests	DB 27°C - WB 19°C	DB 35°C - WB 24°C
(2) Heating capacity tests	-	-

The technical data refer to EN 14511.

HP = heat pump - HE = high efficiency (energy savings/high performance)

*The sound **pressure** has been measured in a semi anechoic chamber at one meter from the front of the unit and with the microphone set at a height of one meter off the floor.

The sound **power was measured according to ISO 3741.



Unico Easy is rated Class A (for cooling), the highest in terms of efficiency and low power consumption.



Unico Easy uses environmentally-friendly R410A gas with practically no impact on the ozone layer.

UNICO *Star*

Without outdoor unit

The Star product line

The Star line includes models 8.5 and 11, both available in the "cooling only" version or with heat pump. This is the ideal product for small and mid-sized rooms.



Pleasing to the eye as well

Unico Star has been renewed and is now even more attractive: the new colour and new design of the air louvers and the control panel make it even more linear and elegant. With its streamlined shapes, skilfully designed by King & Miranda, Unico Star is always discreetly perfect, wherever it is installed.

Still more efficient

Never stop at appearances. Unico Star's appearance is not the only thing that's new: thanks to the increased tube diameter (now 160 mm), the optimized circuits and renewed components, versions 8.5 and 11 now have Class A rating, synonymous with utmost efficiency and low consumption.

Set it in the most convenient spot

It can be mounted high or low, depending on the space available. When mounted on the upper part of the wall (using the Wall System),

it does not take up space. When installed low, it takes up the same space as a radiator or fancoil.



Low wall mounting



High wall mounting



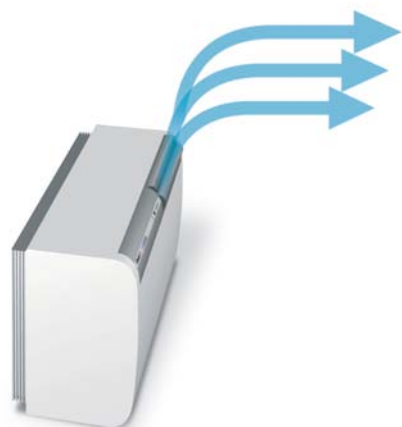
Design: King & Miranda

UNICO *Star*

Without outdoor unit

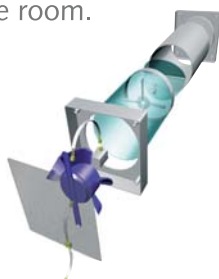
Air where you want it

Today Unico Star is fit with motor-controlled flaps that direct the flow of air in the best direction for the climate control function being performed. The remote control can vary their position or cause oscillation to move the air in the environment.



Clean air

Unico Star comes ready to accept an optional kit that pulls in air from the outside, thus guaranteeing effective air exchange in the room.



Remote control

Access to the main functions is easy and intuitive while the secondary functions are contained in a hide-away compartment for access only when necessary.



Wellness functions



Smile key

Automatically sets the climate comfort according to the optimal temperature/humidity parameters.



Moon key

Optimizes room temperature and humidity, perfectly adapting to the various metabolic phases that occur at night.

Low noise

The absence of any outdoor unit, the high quality of the components and meticulous construction details make Unico a truly silent air conditioner. In fact, the noise is among the lowest in the category.

Application examples



Rome



Naples



Paris

		COOLING ONLY		HEAT PUMP	
		8.5 SF HE	11 SF HE	8.5 HP HE	11 HP HE
		Cod. 00702	Cod. 00704	Cod. 00703	Cod. 00705
Cooling power (1)	kW	2,10	2,40	2,10	2,40
Heating power (2)	kW	-	-	1,90	2,00
Power rating in cooling mode (1)	W	790	916	790	916
Power rating in heating mode (2)	W	-	-	720	766
Annual power consumption in cooling mode (1)	kWh	395	458	395	458
Dehumidification capacity	l/h	1,0	1,2	1,0	1,2
Power voltage	V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50
E.E.R.	—	2,66	2,62	2,66	2,62
C.O.P.	—	-	-	2,64	2,61
Energy efficiency class in cooling mode	—	A	A	A	A
Energy efficiency class in heating mode	—	-	-	C	C
Fan speed (internal/external)	—	3/3	3/3	3/3	3/3
Indoor air capacity in cooling mode (max/med/min)	m³/h	330/210/150	350/240/200	330/210/150	350/240/200
Indoor air capacity in heating mode (max/med/min)	m³/h	-	-	330/210/150	350/240/200
Outside air capacity in cooling mode (max/med/min)	m³/h	540/350/250	540/350/280	540/350/250	540/350/280
Outside air capacity in heating mode (max/min)	m³/h	-	-	540/350	540/350
Dimensions (width x height x depth)	mm	870x400x280	870x400x280	870x400x280	870x400x280
Weight (without packaging)	kg	43	46	43	46
Noise level (sound pressure*/sound power**)	dB(A) (min-max)	36-44/45-54	37-46/47-55	36-44/45-54	37-46/47-55
Diameter of holes in wall	mm	162	162	162	162
Refrigerant gas/load	Type/kg	R410A/0,630	R410A/0,590	R410A/0,630	R410A/0,590
Power supply cable (no. poles x section mm²)	—	3x1,5	3x1,5	3x1,5	3x1,5
Maximum remote control detection distance/angle	m/°	8/80°	8/80°	8/80°	8/80°

LIMITS OF OPERATION	Indoor temperature	Outdoor temperature
Operating temperature - max in cooling mode	DB 35°C - WB 24°C	DB 43°C - WB 32°C
Operating temperature - min in cooling mode	DB 18°C - WB 16°C	DB 18°C - WB 16°C
Operating temperature - max in heating mode	DB 27°C	DB 24°C - WB 18°C
Operating temperature - min in heating mode	DB 16°C	DB -8°C - WB -9°C

Test conditions	Indoor temperature	Outdoor temperature
(1) Cooling capacity tests	DB 27°C - WB 19°C	DB 35°C - WB 24°C
(2) Heating capacity tests	DB 20°C - WB 15°C	DB 7°C - WB 6°C

The technical data refer to EN 14511.

HP = heat pump - HE = high efficiency (energy savings/high performance)

*The sound **pressure** has been measured in a semi anechoic chamber at one meter from the front of the unit and with the microphone set at a height of one meter off the floor.

The sound **power was measured according to ISO 3741.

UNICO *Star*

Without outdoor unit



Unico Star 8.5 and 11 have Class A rating (for cooling), the highest in terms of efficiency and low power consumption.



Unico Star uses environmentally-friendly R410A gas with practically no impact on the ozone layer.

UNICO *Sky*

Without outdoor unit

The Sky product line

Great power, high efficiency: Sky models 12.5 and 14 are the ideal solution for air conditioning large areas.

Top performance

From 2.8 to 3.2 kW, Class A (version 12.5): with the Sky models you can truly get the most out of fixed air conditioning units without any outdoor pack. The large flow capacity derived from the front intake and optimized "double duct" technology allows the Sky models to offer extremely high power with energy consumption reduced to a minimum.

One machine, many installations

Unico is truly versatile: thanks to the modularity of its elements, there are no limits for wall-mounted installation. The models in the Sky product line can be installed:

- standing, as a console, with air vent grille at the top.
- wall-mounted high (hi-wall), with flaps at the bottom.
- recessed in a niche in the wall.

A breath of fresh air

The ideal climate requires natural air exchange. For this reason, the Sky models are fit (standard) with an exclusive system that draws stale air out of the space to always ensure the highest degree of comfort.



Low wall mounting



High wall mounting



Recessed installation



Design: King & Miranda

UNICO *Sky*

Without outdoor unit

Care for details

Uniqueness also means attention to detail: from a design conceived for perfect integration into any interior, to the unobtrusiveness of the new, narrow outside grilles, and the practical housing for the remote control. Unico has been artfully studied in even the most minor details to make climate control pleasant from all points of view.



Remote control



Smile key



Moon key

All functions can easily be accessed with the remote control with its tasteful lines and large display. The Smile function automatically defines the best climatic comfort according to the temperature and humidity in the room while the Moon function adapts function to the various metabolic phases that occur at night, thus guaranteeing your nightly repose. The timer lets you set when the unit is to automatically switch itself on and off, while clear function alarms indicate when maintenance is required.

UNICO *Sky*

Without outdoor unit



		COOLING ONLY		HEAT PUMP	
		12.5 SF HE	14.0 SF HE	12.5 HP HE	14.0 HP HE
		Cod. 00693	Cod. 00691	Cod. 00692	Cod. 00658
Cooling power (1)	kW	2,80	3,2	2,80	3,2
Heating power (2)	kW	-	-	2,5	2,55
Power rating in cooling mode (1)	W	1.050	1.300	1.050	1.300
Power rating in heating mode (2)	W	-	-	880	1.050
E.E.R.	—	2,67	2,46	2,67	2,46
C.O.P.	—	-	-	2,84	2,43
Indoor air capacity	m³/h	450	450	450	450
Outside air capacity	m³/h	650	650	650	650
Dehumidification capacity	l/h	1,2	1,3	1,2	1,3
Fan speed (internal/external)	—	3/3	3/3	3/3	3/3
Noise level (sound pressure*/sound power**)	dB(A) (min-max)	41-47/50-57	42-48/51-58	41-47/50-57	42-48/51-58
Power voltage	V-F-Hz	230/1/50	230/1/50	230/1/50	230/1/50
Dimensions (width x height x depth)	mm	1.050x470x280	1.050x470x280	1.050x470x280	1.050x470x280
Weight (without packaging)	kg	50	51	50	51
Diameter of holes in wall	mm	162	162	162	162
Energy efficiency class in cooling mode	—	A	B	A	B
Energy efficiency class in heating mode	—	-	-	B	D
Refrigerant gas/load	Type/kg	R410A/0,610	R410A/0,610	R410A/0,610	R410A/0,610
Power supply cable (no. poles x section mm²)	—	3x1,5	3x1,5	3x1,5	3x1,5
Maximum remote control detection distance/angle	m/°	8/80°	8/80°	8/80°	8/80°

LIMITS OF OPERATION	Indoor temperature	Outdoor temperature
Operating temperature - max in cooling mode	DB 35°C - WB 24°C	DB 43°C - WB 32°C
Operating temperature - min in cooling mode	DB 18°C - WB 16°C	DB 18°C - WB 16°C
Operating temperature - max in heating mode	DB 27°C	DB 24°C - WB 18°C
Operating temperature - min in heating mode	DB 16°C	DB -8°C - WB -9°C

Test conditions	Indoor temperature	Outdoor temperature
(1) Cooling capacity tests	DB 27°C - WB 19°C	DB 35°C - WB 24°C
(2) Heating capacity tests	DB 20°C - WB 15°C	DB 7°C - WB 6°C

The technical data refer to EN 14511.
 HP = heat pump - HE = high efficiency (energy savings/high performance)

*The sound **pressure** has been measured in a semi anechoic chamber at one meter from the front of the unit and with the microphone set at a height of one meter off the floor.
 The sound **power was measured according to ISO 3741.



Unico Sky 12.5 is rated Class A (for cooling), the highest in terms of efficiency and low power consumption.



Unico Sky uses environmentally-friendly R410A gas with practically no impact on the ozone layer.



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