

WEATHER



# Mimetic

The "invisible" outdoor unit

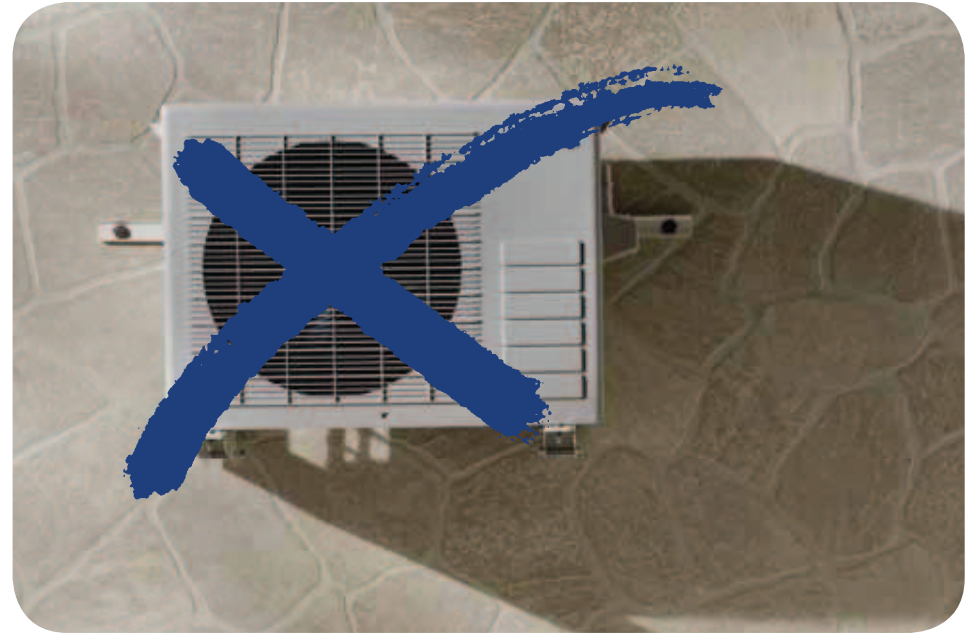
PATENT PENDING  
ITBS2006A000045  
EP07713465.8

Visible

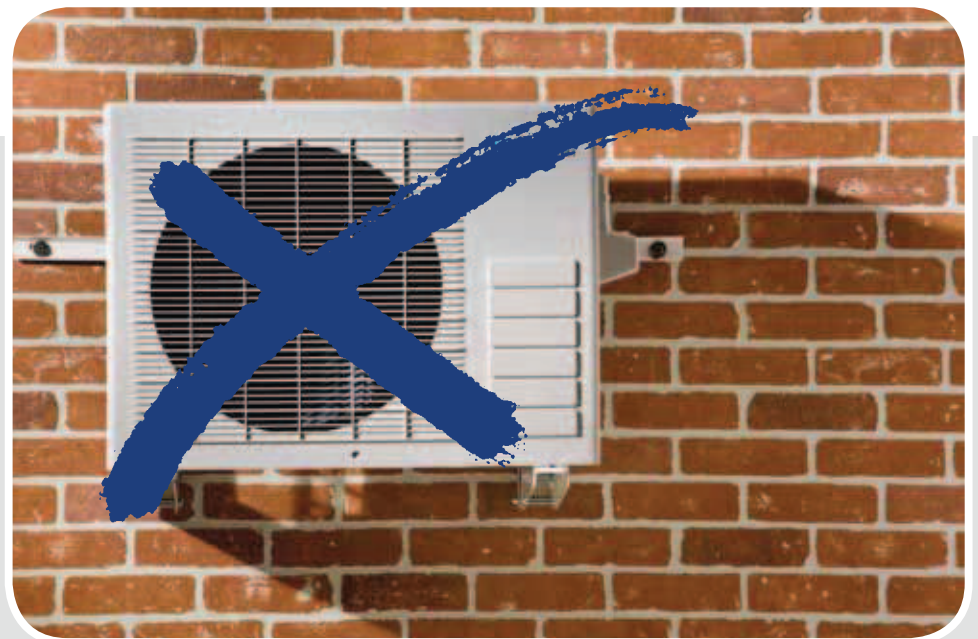
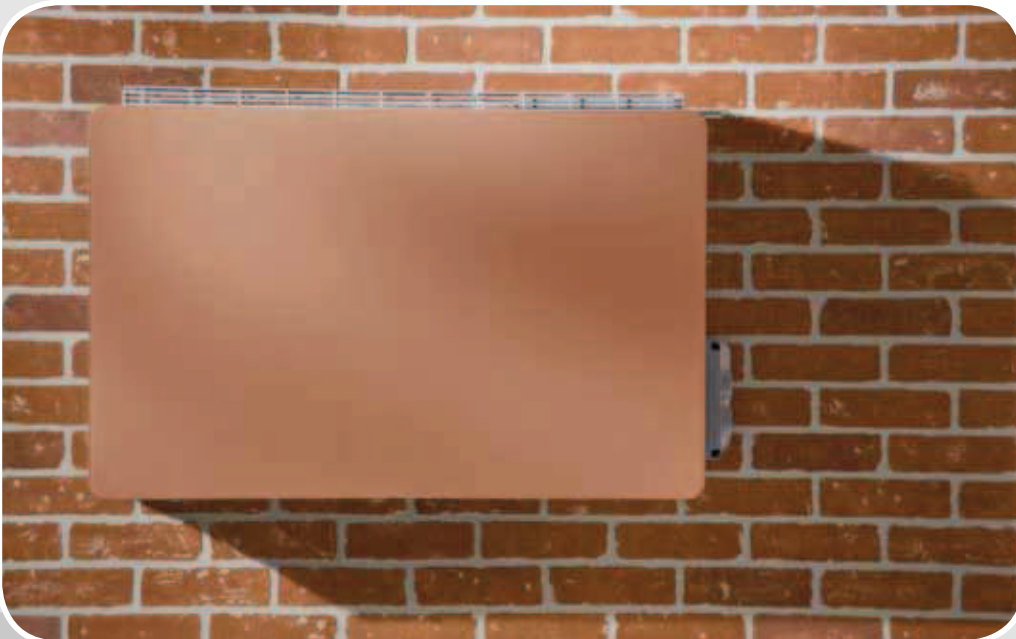


"Invisible"





Mimetico: the "invisible" Outdoor Unit



## Mimético: the “Invisible” Outdoor Unit

Olimpia Splendid could not miss the opportunity of having its own inverter product, which differed from those offered by the market.

And so it studied, interpreted, and came up with Mimético, thus adding to its technology, innovation, and capacity to interpret new needs.

The new DC Olimpia Splendid exterior inverter unit, revolutionises the concept of the exterior unit. From now on we no longer have to choose an exterior unit purely for its functionality.

Like other innovative products from Olimpia Splendid, Mimético too has been created with the goal of improving the aesthetics of our homes and minimising visual pollution.

## Morphology

Mimético features new morphology.

The development of an innovative ventilating group and the adoption of high-efficiency, V-shaped heat exchangers, have allowed us to realise an architectural unit which is totally different from the traditional unit, with an aesthetic that makes it unique and superior.

It is free from the unaesthetic front grill with the fan in full view of the usual exterior unit, but on the contrary has a closed front panel which makes the surface totally customisable and therefore camouflageable.

The front panel of Mimético can simply be painted with the colour of the wall it is mounted on (without the use of unaesthetic brackets) making it practically invisible. Or it is possible to stick various materials onto it (glass, wood, stone, etc.).

The super-clean design, like so many of the products from OS, is by the architects King & Miranda.

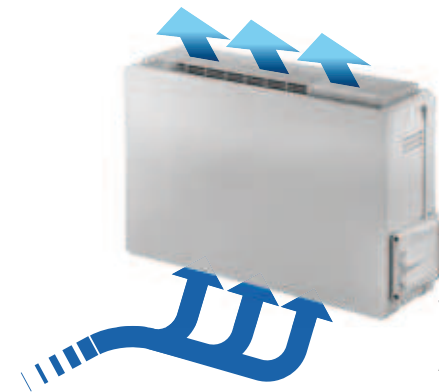
## Installation

One of the innovations of Mimético is the fact that it passes the air vertically; i.e. it takes in air at the bottom and expels it from the top, thus differing from normal exterior units where the air is aspirated from behind and expelled from the front grill. This allows Mimético to be installed by hanging it directly on the wall exactly like a picture, without the use of cumbersome and unaesthetic brackets, and without the necessity of spacing it from the wall; producing decidedly less bulk and a zero visual impact (the accessories necessary for wall-fixing and positioning on the ground are included in the packaging).

Mimético can also be rested directly on the floor thanks to its practical feet, or even installed under a window, thanks to its 45° air outlet. In terrace installations, this solves the traditional problem of excluding the use of the area in front of an exterior unit (both because of the necessity to avoid obstruction, and because the hot air expelled made the presence of plants and flowers impossible); with Mimético, the air is expelled upwards and so permits maximum freedom of use of the surrounding space.

In floor installations, thanks to the rear panel Kit (B0517), Mimético can be positioned at a distance from the wall to maintain its pleasurable aesthetic.

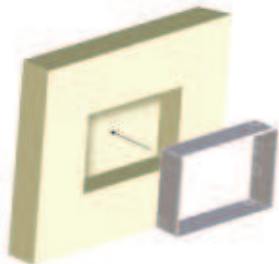
Mimético has also been designed to avoid problems in the event of direct rain.



Vertical, 45° air outlet.  
DC Inverter technology  
Available in two power ratings

## Built-in Installation

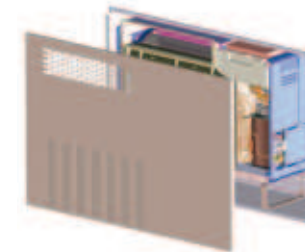
Mimético is ideal for installation in niches or skylight wells and there is also a kit for built-in installation. (Code B0519)



Insert the formwork into the niche in the wall, and fix it to the wall with screw anchors.



Prepare the machine to be inserted into a formwork. The machine must be resting on its feet and be positioned on the left-hand side.



After making the connections, mount the front onto the formwork.



## Mimetico

The Outdoor unit which becomes perfectly camouflaged respecting the aesthetic of your home.



Design: King & Miranda

## Mimetico

The elegantly aesthetic indoor unit which integrates harmoniously with any kind of surroundings.

## Mimetico Inverter

The indoor unit which accompanies Mimetico.

Also designed by King & Miranda, it is elegantly aesthetic, with great attention to detail, and is coherent with any kind of surroundings; decorating without being noticed.

Thanks to its clean, essential, but refined lines, it integrates harmoniously with its surroundings.

## Ecology and Saving

Thanks to a careful selection of components and the optimisation of the refrigerator circuits, the air conditioners of the Mimetico line are all in class A, a guarantee of maximum efficiency and energy saving.

Furthermore, they use the coolant gas R410A, with zero effect on the ozone layer.

## Functions

The functions are many, from the System I Feel, which, thanks to the presence of two temperature sensors, one on the exterior unit and one on the machine's remote, perfectly controls the air flow issuing into the surroundings and also the temperature itself.

This system, linked to DC Inverter technology, exponentially increases the comfort offered, in terms of quietness, supply, and enjoyment of the set temperature.

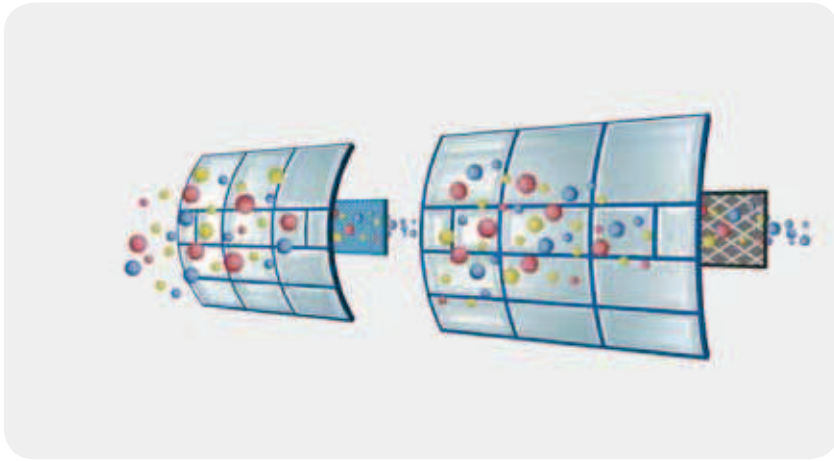
The compressor modulates its own speed so as to guarantee a constant temperature, simultaneously optimising energy consumption and noise.

The AUTO function which automatically sets the parameters of temperature and humidity on the basis of those registered in the surroundings, and the MOON button, a function which modifies the functioning of the machine following the metabolic phases of sleep, are key functions of the Inverter Mimetico.



## New generation remote control

The new generation remote control is characterized by ergonomic shape and user friendly functions. Thanks to the wide digital display and the logic of system control the access to the main functions is pleasantly swift and intuitive.



## Clean Air

Another aspect considered fundamental is air purification, which takes place thanks to three levels of filtering.

This triple filtering means that the air emitted into the surroundings is at the desired temperature with the correct percentage of humidity, and is above all, clean. Before being emitted into the surroundings, the air must pass through an anti-mould filter, an activated carbon filter and finally an anti-odour filter.

		Mimético Inverter DC 10 HP	Mimético Inverter DC 12 HP
		Cod. OS-CSEEDH10EI	Cod. OS-CSEEDH12EI
Cooling capacity (1) (min-med-max)	kW	1,1 / 2,6 / 3,2	1,4 / 3,2 / 3,7
Heating capacity (1) (min-med-max)	kW	0,9 / 2,7 / 3,4	1,3 / 3,8 / 4,7
Power absorption in cooling mode (1)	W	765	970
Power absorption in heating mode (1)	W	730	1000
Nominal absorption in cooling mode (1)	A	3,50	4,44
Nominal absorption in heating mode (1)	A	3,34	4,57
Yearly energy consumption in cooling mode (1)	kWh	383	485
Dehumidification capacity	l/h	1,0	1,2
Power supply	V - F - Hz	220/240 - 1 - 50	220/240 - 1 - 50
Maximum operating pressure	MPa	4,15	4,15
E.E.R.	—	3,40	3,30
C.O.P.	—	3,70	3,80
Energy Efficiency Class in cooling mode	—	A	A
Energy Efficiency class in heating mode	—	A	A
<b>Indoor unit</b>			
Air flow in cooling mode (max/med/min)	m <sup>3</sup> /h	450 / 400 / 340	620 / 530 / 460
Air flow in heating mode (max/med/min)	m <sup>3</sup> /h	450 / 400 / 340	620 / 530 / 460
Dimensions (W x H x D)	mm	760x253x190	935x253x190
Sound level	db(A) min - max	28 - 37	30 - 38
Weight (without packing)	Kg	8,0	11,0
<b>Outdoor unit</b>			
Dimensions (W x H x D)	mm	946x597x266	946x597x266
Air flow (max)	m <sup>3</sup> /h	950	950
Sound level	db(A)	46	47
Weight (without packing)	Kg	36	37
<b>OPERATING TEMPERATURES</b>			
		Indoor temperature	Outdoor temperature
Maximum temp. cooling mode		DB 32°C - WB 24°C	DB 43°C
Minimum temp. cooling mode		DB 17°C	DB 15°C
Maximum temp. heating mode		DB 27°C	DB 24°C - WB 18°C
Minimum temp. heating mode		DB 17°C	DB -15°C

(1) The technical data are referred to EN 14511.

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