



NEW USER FRIENDLY SYSTEMS

 **OLIMPIA
SPLENDID**
NEW USER FRIENDLY SYSTEMS

General Air Conditioning Catalogue
2008 Collection

Air conditioning according to Olimpia Splendid

The initial core of what would become the Olimpia Splendid of today - a fully Italian - owned company that has made its name worldwide with absolutely innovative products - was founded in 1956 in Gualtieri in the province of Reggio Emilia. It was founded as a cottage industry but in the early 1960's it took on full industrial proportions, becoming world leader in the production of cookers and heating units.



Inside the plant

In the 1980's it entered the air conditioning sector and immediately stood out for its cutting-edge technological solutions. In the 1990's, it became the second company for the sale of portable air conditioners in Italy, setting itself among top three on the European market. Over the last decade, the Group's volume of sales has more than doubled with an annual growth rate of more than 10%.

Today Olimpia Splendid is a leader in the field of air conditioning, heating and dehumidification, a true climate specialist that produces and distributes hundreds of different products. Besides the Italian production and marketing units, Olimpia Splendid also has production and marketing units in China and a marketing unit in Spain, its network covering all 5 continents. It exports to 45 countries that account for 35% of its total sales.

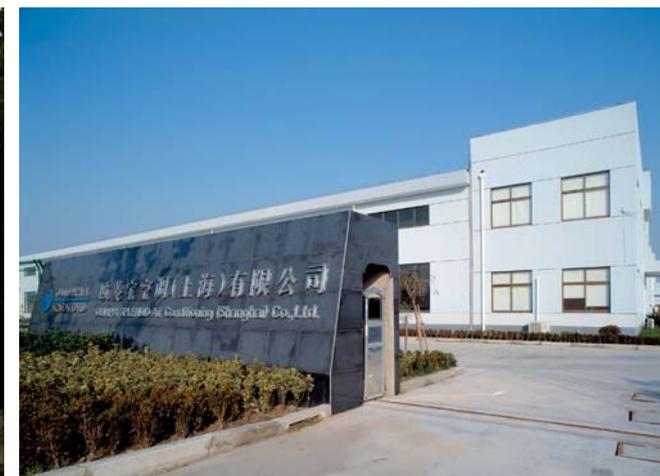
The recognized strengths of the company's products are their utmost characterization, undisputed creativity, innovative technology and high quality levels.

Evolution of the species

There is air conditioning.
And then there is Olimpia Splendid air conditioning: a new approach that is, in many ways, revolutionary, taking the user's needs as the starting point rather than the machine functions. The best cooling in summer and even the best heating in winter, certainly. But today that is no longer enough.



Site in Gualtieri (RE)



Site in Shanghai

Further expectations have emerged and must be met. Needs, desires. New ones are always being discovered. Intercept, understand, study. And then design, calibrate, test. This is what Olympia Splendid does, proposing a complete range of units able to meet any consumer demand, placing the right emphasis on their needs. For example, the need for silence: fundamental during one's daytime activities and an absolute necessity at night when sleeping. Reliability, which must be total. Minimum dimensions in portable and fixed units. The ability for unforced integration with the furnishings, low power consumption, easy operation, absolute regulation. All this and much more makes Olympia Splendid truly user friendly. First and foremost this means

being on the users' side, anticipating their needs and designing easy-to-use climate control units. This has led to such revolutionary products as Unico, the fixed air conditioner without an outdoor unit and Issimo, the smallest, most manageable portable unit in the world. Today, with the outdoor climate increasingly out of control, thanks to Olympia Splendid, the indoor climate is increasingly under control.

And user friendly service, too

Besides user friendly products, Olympia Splendid also offers its customers guarantees and user friendly services to accompany them and assist them from the moment they make their purchase.

These are added advantages above and beyond the performance of the installed units and they create a relationship of trust and security between company and user. For example, the possibility of an extra year's warranty. The technical service centres, which are decentralized throughout the territory so qualified, certified technicians are always near the caller. And the courtesy air conditioner Olympia Splendid makes available when necessary so that the party can enjoy the ideal climate without any interruptions. Attention to all, even the most minor details, is the proof of a commitment that goes full scale.



Air conditioning on a human scale

Products designed for those who use them

Innovation and functionality. These are the key concepts around which the Olimpia Splendid product line is built; products designed to meet demands, resolve problems, offer solutions. These are products with refined design that offer lines that can blend well with any home space. In these products technology is never an end in and of itself; rather it is the guarantee for easy, intuitive functions. To put it simply: user-friendly products, technology on a human scale.

Reliability, above all else

The quality offered does not depend only on the quality of the product alone. Today the degree of customer service guaranteed by a company is equally important: for this reason Olimpia Splendid has conceived the User Friendly Service, a range of services that accompany you and support you from the moment you make your purchase.

Respect for the environment, a fundamental value

The sense of wellness that technology can provide must not come at the expense of the environment we live in. This means ecological sensitivity. It means attention to health, preservation of resources, consideration of beauty. For this reason Olimpia Splendid uses the best technologies to ensure energy savings and environmental protection: from the use of gases with low environmental impact, to the Class A efficiency rating, to the products, themselves conceived to tactfully enter the environment in which we live.



Olimpia Splendid is among the founding members of Ridomus, the consortium for the recovery, recycling and final disposal of products. Thus, besides the ideal climate in the rooms indoors, Olimpia Splendid also concerns itself with the outside environment, reducing the pollution factors to the barest minimum.

Energy labelling, a benchmark

Ever attuned to environmental protection - understood not only as compliance with current law but also as paying particular attention to the users of its products - Olimpia Splendid has conceived an entire line of monosplit, multisplit, ducted and portable air conditioners that can provide all the wellness of the best possible living comfort in combination with the lowest operating costs possible. The Olimpia Splendid air conditioners have a High Efficiency and Class A rating: the best for high performance and low power consumption. The EC Directive 2002/31 - implemented in Italy as of January 1st 2003 with a law reflecting the European Union provisions - sets the requisites for the energy labelling of electrically powered air conditioners with a refrigeration capacity of not more than 12 kW. The energy label is an important milestone which, at the moment of purchase, provides the consumers with specific information and technical data regarding the power consumption of the air conditioners and, thus, provides them with as precise an idea as possible of the power savings that can be achieved while running any given class of air conditioner.



Olimpia Splendid products use the environmentally friendly gas, R410A, which has practically no effect on the ozone layer.



And the Class A rating is synonymous with efficiency and low energy consumption.



| Energy | | Air-conditioner |
|------------------------------------------------------------------------------------------|------------------|----------------------|
| Manufacturer | Outside unit | Inside unit |
| | OLIMPIA SPLENDID | INVERTER DC 11 HP HE |
| More efficient | | |
| A | | |
| B | | |
| C | | |
| D | | |
| E | | |
| F | | |
| Less efficient | | G |
| Annual energy consumption kWh in cooling mode | | 310 |
| <small>(Actual consumption will depend on how the appliance is used and climate)</small> | | |
| Cooling output | kW | 2.65 |
| Energy efficiency ratio (EER) | | 4.27 |
| <small>At full load (The higher the better)</small> | | |
| Size | Cooling only | — |
| | Cooling/heating | — |
| | Air cooled | — |
| | Water cooled | — |
| Heat output | kW | 3.10 |
| Heating performance | | A B C D E F G |
| <small>A: more efficient G: less efficient</small> | | |
| Noise | | |
| <small>[dB(A) re 1 pW]</small> | | |
| Further information is contained in product brochures | | |
| <small>Norm EN 14511 Air-conditioner Energy Label Directive 2002/31/EC</small> | | |

← Manufacturer brand

← Model or manufacturer system ID

← Energy efficiency class for the model or system (from A to G)

← Indicative annual energy consumption (according to harmonized standards)

← Cooling capacity

← EER – Energy efficiency rating

← Type of unit (cooling only, cooling/heating)

← Type of cooling (air, water)

← Heating capacity (if applicable*)

← Heating efficiency class (if applicable*)

← Noise identification (if required by the member country)

* Zone reserved for air conditioners with heating functions



Multiplo



MULTIPLO
Low wall mounting

Installation problems? Solved!

Design: King & Miranda

All constraints abolished

Finally you can have the right climate just where you need it. The Multiplo indoor unit can be installed practically anywhere, even in places thought impossible. No complex, costly installations needed here.

Directional louvered vents

These vents always provide the best flow of cooled air, conveying it in the desired direction and preventing direct drafts on the people in the room. The air flow can be directed in various directions: all in one direction or distributed on both sides.

Fixed air distribution vent

A practical, functional air outlet grille can replace the louvered vents so that the Multiplo can be wall mounted low (like a fan coil).



MULTIPLLO
Ceiling installation



MULTIPLLO®

MULTIPLLO is a patented product.
Patent application BS2002A000067

Eye-catching quality

Multiplo blends beauty, convenience and function. It is a true innovation conceived to provide the ideal climate right where you need it. The ducts are specially designed so that the unit can be installed anywhere and blend in with the surroundings and the furnishings.

Three means of installation

DIRECT

The pipes and wires are run through a chase.

PASSING DUCT

The pipes and cables run through a duct that can exit on the right or left.

FLANKED DUCT

The pipes and cables run through a duct that exits on the side.



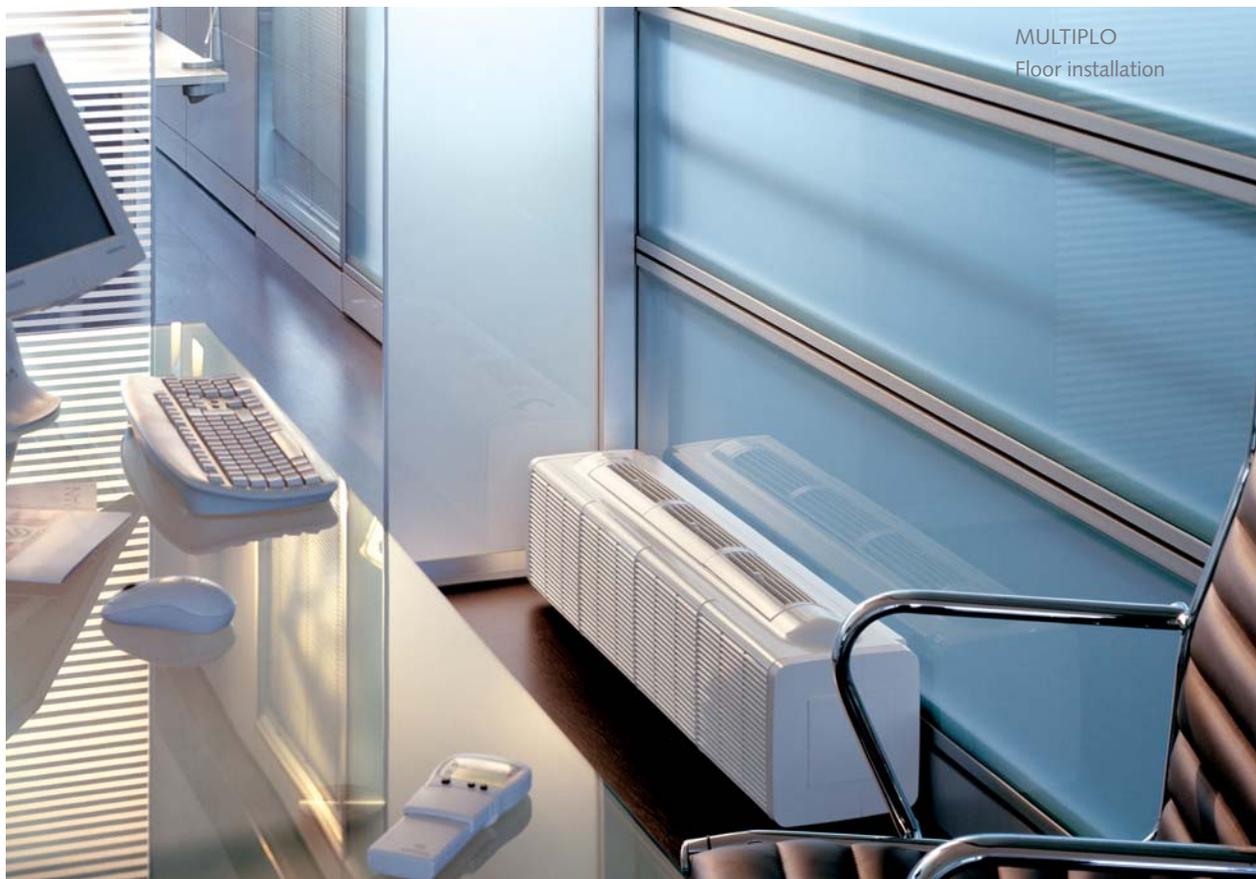
Maximum efficiency
Low consumption



Environmentally-friendly



Multiplo



MULTIPL0
Floor installation



MULTIPL0
High wall mounting

Great air flow

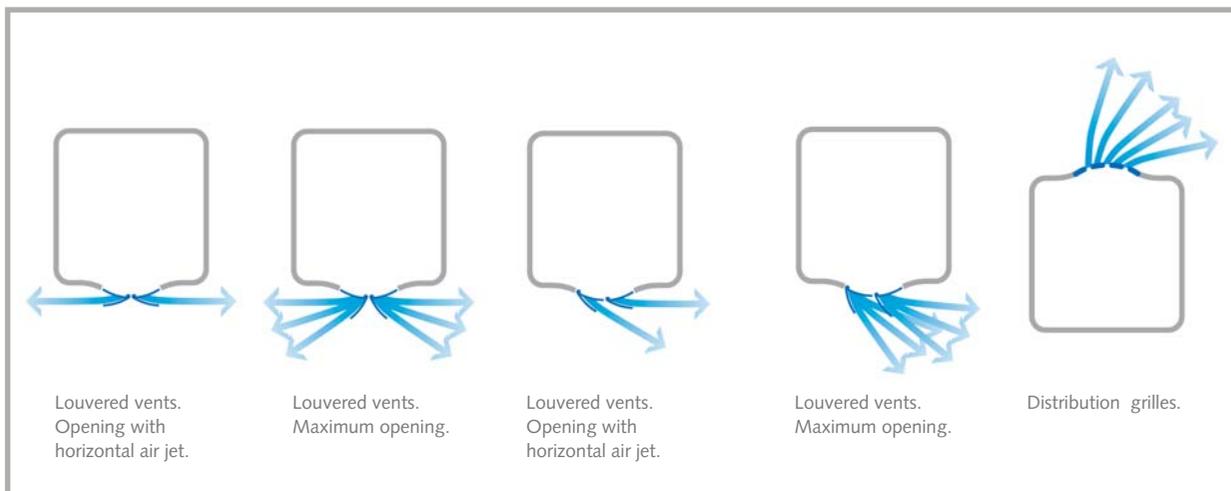
Multiplo has been designed for great air flow, both in summer and winter since it also functions as a heat pump.

Silently

High quality components and meticulous construction make Multiplo a truly quiet unit. These insights ensure low noise levels, both day and night.

Air is not always the same

This is how Multiplo directs the air to guarantee only the pleasant comfort of conditioned air.



Never have things been so easy

You will be surprised by what it offers. You can install Multiplo where you choose, not where you are forced to install it. Thanks to its air flow ducts, its flow direction system and the possibility of ceiling, wall and floor mounting, you can install it practically anywhere.



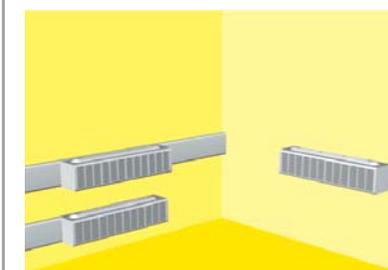
CEILING-MOUNTING



FLOOR-MOUNTING



HIGH WALL-MOUNTING



LOW WALL-MOUNTING

Digital comfort

The main functions are clear and intuitive; the accessory functions are contained in a special hide-away compartment to be accessed only when needed.

Function alarms

The unit runs troubleshooting and signals the need for maintenance.

Filter warning

Signals when the filters need cleaning.

Dehumidification function

Reduces the level of humidity in the room, improving comfort without altering the temperature.

Hourly timer

This function turns the unit on and off automatically.

Easy comfort

SMILE BUTTON

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

MOON KEY

Optimizes temperature and humidity conditions, perfectly adapting them to the various metabolic phases at night.



Outdoor unit

The Multiplo outdoor unit is not very deep (220 mm). It is built of weather-resistant materials and can easily be installed on the floor or wall-mounted. The side casing covers the connection valves for an aesthetically-pleasing installation.



Air where you want it

The multi-directional flaps ensure optimal distribution of the cooled air. They prevent irritating direct drafts and, instead, create a pleasant "cascade of comfort".

Multiplo



| | | Multiplo 8 HP HE | Multiplo 12 HP HE | Multiplo 16 HP HE |
|---------------------------------------------|-------------------|------------------|-------------------|-------------------|
| | | OS-CMSH/SMSH-08E | OS-CMSH/SMSH-12E | OS-CMSH/SMSH-16E |
| Cooling power (1) | BTU/h | 7.300 | 12.200 | 15.000 |
| Cooling capacity (1) | kW | 2,14 | 3,56 | 4,42 |
| Heating capacity (2) | kW | 2,22 | 3,68 | 4,68 |
| Absorbed power in cooling mode (1) | W | 660 | 1.110 | 1.470 |
| Absorbed power in heating mode (2) | W | 650 | 1.080 | 1.460 |
| Nominal absorption (cooling - heating) | A | 2,9/2,9 | 4,9/4,8 | 6,5/6,5 |
| Dehumidification capacity | l/h | 0,75 | 1,2 | 1,6 |
| Power supply | V-Hz | 230-50 | 230-50 | 230-50 |
| Protection rating (Outdoor unit) | | IP24 | IP24 | IP24 |
| E.E.R. | - | 3,24 | 3,41 | 3,21 |
| C.O.P. | - | 3,42 | 3,41 | 3,21 |
| Indoor unit | | | | |
| Cooling air flow rate (max-med.min.) | m ³ /h | 370-300-250 | 480-400-310 | 590-510-410 |
| Heating air flow rate (max-medio.min.) | m ³ /h | 370-300-250 | 480-400-310 | 590-510-410 |
| Dimensions (L x H x D) | mm | 1050 x 250 x 225 | 1050 x 250 x 225 | 1300 x 250 x 225 |
| Sound level (Sound pressure*/Sound power**) | dB(A) (min-max) | 30-37/39-48 | 32-39/41-50 | 33-41/42-53 |
| Weight | Kg | 12 | 12 | 15 |
| Outdoor unit | | | | |
| Dimensions (L x H x D) | mm | 810 x 530 x 220 | 810 x 530 x 220 | 930 x 730 x 260 |
| Air flow rate (max) | m ³ /h | 1700 | 1700 | 2300 |
| Sound level (Sound pressure*/Sound power**) | dB(A) | 49/58 | 51/60 | 53-62 |
| Weight | Kg | 34 | 36 | 58 |
| ø Connection lines (liquid) | inch-mm | 1/4"-6,35 | 1/4"-6,35 | 3/8"-9,52 |
| ø Connection lines (gas) | inch-mm | 3/8"-9,52 | 1/2"-12,7 | 5/8"-15,87 |
| Maximum hose length | m | 15 | 15 | 15 |
| Vertical limit | m | 5 | 5 | 5 |
| Additional load (above 8 m) | g/m | 20 | 20 | 20 |
| Refrigerant Gas | Type/kg | R410A/0,88 | R410A/0,85 | R410A/1,68 |
| Power supply cable | N° Poles x Sect. | 2,5-3 | 2,5-3 | 2,5-3 |
| Connection cable | N° Poles x Sect. | 2,5-5 | 2,5-5 | 2,5-5 |
| Maximum remote control distance | m | 8/80° | 8/80° | 8/80° |
| Energy efficiency class in cooling mode | - | A | A | B |
| Energy efficiency class in heating mode | - | B | B | C |

TESTING CONDITIONS - Common to mono and multi versions

Operating temperatures

Maximum temp. in cooling mode
 Minimum temp. in cooling mode
 Maximum temp. in heating mode
 Minimum temp. in heating mode

Indoor temperature

DB 32°C - WB 24°C
 DB 18°C - WB 12°C
 DB 25°C
 DB 14°C

Outdoor temperature

DB 43°C
 DB 15°C
 DB 23°C - WB 18°C
 DB -5°C

Testing conditions

(1) Cooling power
 (2) Heating power
 (3) High cooling load
 (4) High heating load

Indoor temperature

DB 27°C - WB 19°C
 DB 20°C - WB 15°C
 DB 32°C - WB 24°C
 DB 25°C

Outdoor temperature

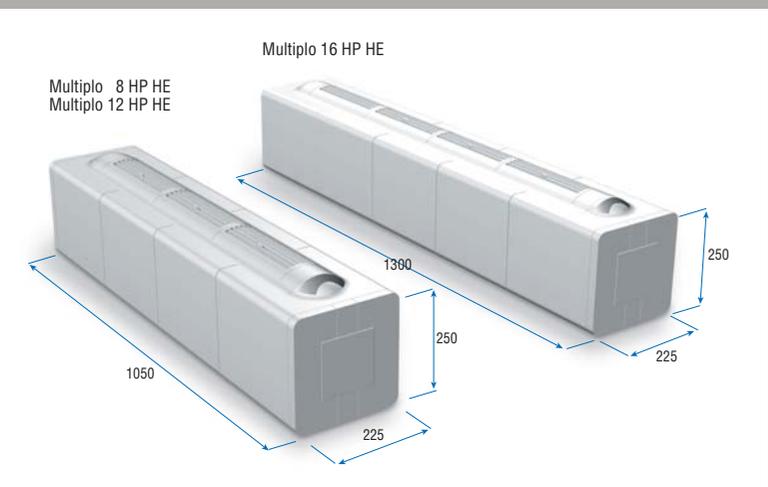
DB 35°C - WB 24°C
 DB 7°C - WB 6°C
 DB 43°C - WB 32°C
 DB 20°C - WB 17°C

Technical data refer to the norm EN 14511.

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

**The sound power was measured in compliance with ISO 3741.

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



Multiplo



Multiplo 18 HP HE Multiplo 24 HP HE

| | BTU/h | 18.400 | 23.500 |
|------------------------------------------------|-------|-------------|-------------|
| Cooling power (1) | BTU/h | 18.400 | 23.500 |
| Cooling capacity (1) | kW | 5,38 | 6,96 |
| Heating capacity (2) | kW | 5,62 | 7,05 |
| Absorbed power in cooling mode (1) | W | 1.790 | 2.470 |
| Absorbed power in heating mode (2) | W | 1.750 | 2.180 |
| Nominal absorption in cooling mode (1) | A | 8,2 | 11,3 |
| Nominal absorption in heating mode (2) | A | 8,0 | 10,0 |
| Dehumidification capacity | l/h | 2,5 | 1,7 |
| Power supply | V-Hz | 230 - 1- 50 | 230 - 1- 50 |
| Maximum absorbed power in cooling mode (3) | W | 2.100 | 2.850 |
| Maximum absorbed power in heating mode (4) | W | 2.000 | 2.580 |
| Maximum Nominal absorption in cooling mode (3) | A | 9,6 | 13,0 |
| Maximum Nominal absorption in heating mode (4) | A | 9,1 | 11,8 |
| Protection rating (Outdoor unit) | - | IP24 | IP24 |
| Max. operating pressure | MPa | 4,15 | 4,15 |

| Indoor unit | | OS-SMMSH08E | OS-SMMSH08E |
|---------------------------------------------|-------------------|-------------------|-------------------|
| Cooling air flow rate (max-med-min) | m ³ /h | 440-380-310 | 440-380-310 |
| Heating air flow rate(max-med-min) | m ³ /h | 440-380-310 | 440-380-310 |
| Cooling power with a single unit running | kW | 2,67 | 2,78 |
| Heating power with a single unit running | kW | 3,06 | 3,32 |
| Dimensions (L x H x D) | mm | 1.050 x 250 x 225 | 1.050 x 250 x 225 |
| Sound level (Sound pressure*/Sound power**) | dB(A) min-max | -/31-47 | -/31-47 |
| Weight | Kg | 12 | 12 |

| Indoor unit | | OS-SMMSH12E | OS-SMMSH12E |
|---------------------------------------------|-------------------|-------------------|-------------------|
| Cooling air flow rate (max-med-min) | m ³ /h | 480-400-310 | 480-400-310 |
| Heating air flow rate(max-med-min) | m ³ /h | 480-400-310 | 480-400-310 |
| Cooling power with a single unit running | kW | 3,67 | 3,90 |
| Heating power with a single unit running | kW | 3,98 | 4,38 |
| Dimensions (L x H x D) | mm | 1.050 x 250 x 225 | 1.050 x 250 x 225 |
| Sound level (Sound pressure*/Sound power**) | dB(A) min-max | -/32-50 | -/32-50 |
| Weight | Kg | 12 | 12 |

| Outdoor unit | | OS-CMMSH18E | OS-CMMSH24E |
|---------------------------------------------|-------------------|-----------------|-----------------|
| Dimensions (L x H x D) | mm | 930 x 730 x 260 | 930 x 730 x 260 |
| Air flow rate (max) | m ³ /h | 2.300 | 2.300 |
| Sound level (Sound pressure*/Sound power**) | dB(A) | -/62 | -/63 |
| Weight | Kg | 60 | 66 |

| | | | |
|----------------------------------|------------------|-------------|-------------|
| Ø Connection lines (liquid) | inch-mm | 1/4" - 6,35 | 1/4" - 6,35 |
| Ø Connection lines (gas - 12000) | inch-mm | 1/2" - 12,7 | 1/2" - 12,7 |
| Ø Connection lines (gas - 8000) | inch-mm | 3/8" - 9,52 | 3/8" - 9,52 |
| Maximum hose length | m | 15 | 15 |
| Vertical limit | m | 5 | 5 |
| Additional load (above 8 m) | g/m | 20 | 20 |
| Refrigerant Gas | Type | R410A | R410A |
| Power supply cable | N° Poles x Sect. | 4 x 3 | 4 x 3 |
| Connection cable | N° Poles x Sect. | 1,5 x 5 | 1,5 x 5 |
| Maximum remote control distance | m/° | 8/80° | 8/80° |
| Fuse | - | 25 AT | 25 AT |
| Conformity labelling | - | CE | CE |

MULTIPLIO 18 HP HE Couplings

| Configuration 8+8 | |
|----------------------------------------------------------------|----------------|
| Cooling capacity (1) | kW 2,46 + 2,46 |
| Heating capacity (2) | kW 2,60 + 2,60 |
| Absorbed power in cooling mode (1) | W 1.750 |
| Absorbed power in heating mode (2) | W 1.780 |
| Annual energy consumption in cooling mode (1) (Dir.2002/31/CE) | kWh 875 |
| E.E.R. | - 2,81 |
| C.O.P. | - 2,92 |
| Energy eff. class in cooling mode | - C |
| Energy eff. class in heating mode | - D |

| Configuration 8+12 | |
|----------------------------------------------------------------|----------------|
| Cooling capacity (1) | kW 2,31 + 3,01 |
| Heating capacity (2) | kW 2,41 + 3,11 |
| Absorbed power in cooling mode (1) | W 1.770 |
| Absorbed power in heating mode (2) | W 1.720 |
| Annual energy consumption in cooling mode (1) (Dir.2002/31/CE) | kWh 885 |
| E.E.R. | - 3,01 |
| C.O.P. | - 3,21 |
| Energy eff. class in cooling mode | - B |
| Energy eff. class in heating mode | - C |

| Configuration 12+12 | |
|----------------------------------------------------------------|----------------|
| Cooling capacity (1) | kW 2,69 + 2,69 |
| Heating capacity (2) | kW 2,81 + 2,81 |
| Absorbed power in cooling mode (1) | W 1.790 |
| Absorbed power in heating mode (2) | W 1.750 |
| Annual energy consumption in cooling mode (1) (Dir.2002/31/CE) | kWh 895 |
| E.E.R. | - 3,01 |
| C.O.P. | - 3,21 |
| Energy eff. class in cooling mode | - B |
| Energy eff. class in heating mode | - C |

MULTIPLIO 24 HP HE Couplings

| Configuration 12+12 | |
|----------------------------------------------------------------|----------------|
| Cooling capacity (1) | kW 3,09 + 3,09 |
| Heating capacity (2) | kW 3,23 + 3,23 |
| Absorbed power in cooling mode (1) | W 2.370 |
| Absorbed power in heating mode (2) | W 2.300 |
| Annual energy consumption in cooling mode (1) (Dir.2002/31/CE) | kWh 1.185 |
| E.E.R. | - 2,61 |
| C.O.P. | - 2,81 |
| Energy eff. class in cooling mode | - D |
| Energy eff. class in heating mode | - D |

MULTIPLIO 24 HP HE Couplings

| Configuration 8+8+8 | |
|----------------------------------------------------------------|-------------------|
| Cooling capacity (1) | kW 2,25+2,25+2,25 |
| Heating capacity (2) | kW 2,27+2,27+2,27 |
| Absorbed power in cooling mode (1) | W 2.410 |
| Absorbed power in heating mode (2) | W 2.130 |
| Annual energy consumption in cooling mode (1) (Dir.2002/31/CE) | kWh 1.205 |
| E.E.R. | - 2,80 |
| C.O.P. | - 3,20 |
| Energy eff. class in cooling mode | - C |
| Energy eff. class in heating mode | - C |

| Configuration 8+8+12 | |
|----------------------------------------------------------------|-------------------|
| Cooling capacity (1) | kW 2,05+2,05+2,71 |
| Heating capacity (2) | kW 2,05+2,05+2,79 |
| Absorbed power in cooling mode (1) | W 2.430 |
| Absorbed power in heating mode (2) | W 2.150 |
| Annual energy consumption in cooling mode (1) (Dir.2002/31/CE) | kWh 1.215 |
| E.E.R. | - 2,80 |
| C.O.P. | - 3,20 |
| Energy eff. class in cooling mode | - C |
| Energy eff. class in heating mode | - C |

| Configuration 8+12+12 | |
|----------------------------------------------------------------|-------------------|
| Cooling capacity (1) | kW 1,97+2,47+2,47 |
| Heating capacity (2) | kW 1,98+2,50+2,50 |
| Absorbed power in cooling mode (1) | W 2.460 |
| Absorbed power in heating mode (2) | W 2.170 |
| Annual energy consumption in cooling mode (1) (Dir.2002/31/CE) | kWh 1.230 |
| E.E.R. | - 2,81 |
| C.O.P. | - 3,22 |
| Energy eff. class in cooling mode | - C |
| Energy eff. class in heating mode | - C |

| Configuration 12+12+12 | |
|----------------------------------------------------------------|-------------------|
| Cooling capacity (1) | kW 2,32+2,32+2,32 |
| Heating capacity (2) | kW 2,35+2,35+2,35 |
| Absorbed power in cooling mode (1) | W 2.470 |
| Absorbed power in heating mode (2) | W 2.180 |
| Annual energy consumption in cooling mode (1) (Dir.2002/31/CE) | kWh 1.235 |
| E.E.R. | - 2,82 |
| C.O.P. | - 3,23 |
| Energy eff. class in cooling mode | - C |
| Energy eff. class in heating mode | - C |



Selezione



Air conditioning in style

Products which are even more User Friendly

Olimpia Splendid pays great attention to the needs of the consumer, not only in terms of function, but also in terms of beauty, user friendly to the fullest. The new ergonomic remote control lets you access all the main functions in a clear-cut, self-explanatory manner. The brand new Kit Cromia adds another feature to the style and elegance of Selezione: it lets you choose the colour of the casing that best suits the room where it is to be installed.



Maximum efficiency
Low power consumption



Environmentally friendly

Design: King & Miranda

The charm of discretion

The Selezione line of air conditioners furnishes any room without being seen: thanks to its streamlined cut and the essential, but refined line, these units blend well into the surrounding environment. The style details and tasteful elegance of the King & Miranda design make Selezione a great accent piece for any interior.

Ecology and energy savings

Thanks to the careful choice of components and optimization of the cooling circuits, the Selezione line of air conditioners all have a Class A rating, a guarantee of maximum efficiency and power savings. What's more, Selezione uses R410A gas which does not harm the ozone layer.

New generation remote control

The new generation remote control is ergonomic in shape and has easy, user-friendly buttons. The large digital display and logic for setting the controls make access to the main functions easy, fast and self-explanatory.

Electronics and comfort



Selezione air conditioners love their independence: the Auto function automatically sets the ideal operating mode according to the temperature and humidity measured in the environment, while the Moon function delicately accompanies you as you sleep, optimizing the functions according to the various metabolic phases that occur at night.



I feel system: always the perfect temperature

Selezione air conditioners have two temperature sensors, one on the indoor unit, the other on the remote control. This ensures that the temperature is always exactly as you desire.





Selezione



The charm of choice: Kit Cromia Design

To its style and elegance, Selezione adds another feature: it lets you choose the colour of the casing. The base model has a lovely powder blue casing. But you can choose a techno-silver casing, particularly suited to modern interiors and work areas, or a pearl white casing, that blends with any décor. The space is personalized according to the taste of the people who live there: it makes no impositions, but rather lets you make your own choice.



Version with pearl white casing



Version with silver casing

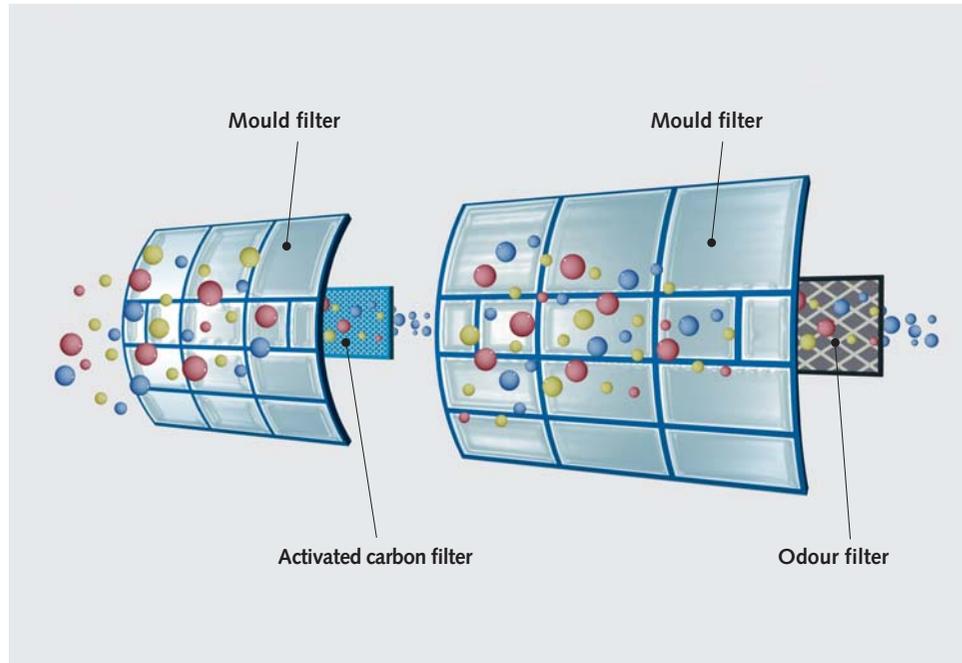


Version with powder blue casing





Selezione



The right climate, always

Selezione air conditioners do not limit themselves to simply cooling: they dehumidify and can heat thanks to a heat pump and, at the same time, they also purify the air. With Selezione the climate is always perfect.

Clean air

Thanks to a triple filtering system, Selezione frees the air of impurities and restores a pleasant purity:

- 1) the mould filter removes particles the size of small cotton lint;
- 2) the activated carbon filter traps finer particles such as bacteria and smoke;
- 3) the odour filter eliminates the particles that cause odours, completing the action of the other two.

Outdoor unit

Selezione air conditioners have an outdoor unit in ABS plastic, a guarantee of quality, long life and resistance to the weather and to corrosion. The particular light weight of the unit also facilitates installation operations and simplifies maintenance.



Selezione



| | | Selezione 08 HP HE | Selezione 10 HP HE | Selezione 12 HP HE |
|-----------------------------------------------|-----------------|---------------------|---------------------|---------------------|
| | | OS-CESSH/SESSH 08EI | OS-CESSH/SESSH 10EI | OS-CESSH/SESSH 12EI |
| Cooling power (1) | BTU/h | 7.500 | 8.900 | 12.200 |
| Cooling capacity (1) | kW | 2,20 | 2,60 | 3,58 |
| Heating capacity (2) | kW | 2,30 | 2,76 | 3,75 |
| Absorbed power in cooling mode (1) | W | 660 | 795 | 1.110 |
| Absorbed power in heating mode (2) | W | 635 | 764 | 1.100 |
| Annual energy consumption in cooling mode (1) | kWh | 330,0 | 397,5 | 555,0 |
| Dehumidification capacity | l/h | 1,0 | 1,2 | 1,5 |
| Power supply | V - F - Hz | 230 - 1 - 50 | 230 - 1 - 50 | 230 - 1 - 50 |
| Protection rating (Outdoor unit/Indoor unit) | - | IPX4/IPX1 | IPX4/IPX1 | IPX4/IPX1 |
| Maximum operating pressure | MPa | 3,8 | 3,8 | 3,8 |
| E.E.R. | - | 3,33 | 3,27 | 3,23 |
| C.O.P. | - | 3,62 | 3,61 | 3,41 |
| Energy efficiency class in cooling mode | - | A | A | A |
| Energy efficiency class in heating mode | - | A | A | B |
| Indoor unit | | | | |
| Cooling air flow rate (max/med./min.) | m³/h | 450/400/340 | 450/400/340 | 620/530/460 |
| Heating air flow rate (max/med./min.) | m³/h | 450/400/340 | 450/400/340 | 620/530/460 |
| Dimensions (W x H x D) | mm | 760x253x190 | 760x253x190 | 935x253x190 |
| Sound level (Sound pressure*/Sound power**) | dB(A) (min-max) | 28-37/37-46 | 28-37/37-46 | 30-38/39-48 |
| Weight | Kg | 8 | 8 | 11 |
| Outdoor unit | | | | |
| Dimensions (W x H x D) | mm | 780x535x320 | 780x535x320 | 780x535x320 |
| Air Flow Rate (max) | m³/h | 2.100 | 2.050 | 2.040 |
| Sound level (Sound pressure*/Sound power**) | dB(A) | 46/54 | 46/54 | 47/55 |
| Weight | Kg | 26 | 28 | 33 |
| Ventilation speed | - | 3/1 | 3/1 | 3/1 |
| Ø Connection lines (liquid) | inch - mm | 1/4"-6,35 | 1/4"-6,35 | 1/4"-6,35 |
| Ø Connection lines (gas) | inch - mm | 3/8"-9,52 | 3/8"-9,52 | 1/2"-12,7 |
| Max connecting length | m | 10 | 10 | 10 |
| Max height difference | m | 5 | 5 | 5 |
| Refrigerant Gas/charge | Type/kg | R410A/0,85 | R410A/0,85 | R410A/1,20 |
| Additional load (above 8 m) | g/m | 20 | 20 | 20 |
| Power supply cable (N°Poles x Sect.) | - | 3x1,5 | 3x1,5 | 3x1,5 |
| Connection supply cable (N°Poles x Sect.) | - | 3x1,0 | 3x1,0 | 3x1,0 |
| Maximum remote control distance | m/° | 8/45 | 8/45 | 8/45 |

Operating temperatures

Maximum temp. in cooling mode
Minimum temp. in cooling mode
Maximum temp. in heating mode
Minimum temp. in heating mode

Indoor temperature

DB 32°C - WB 24°C
DB 18°C - WB 14°C
DB 25°C
DB 12°C

Outdoor temperature

DB 43°C - WB 26°C
DB 15°C
DB 15°C
DB -8°C - WB -9°C

Testing conditions

(1) Test conditions for cooling power
(2) Test conditions for heating power

Indoor temperature

DB 27°C - WB 19°C
DB 20°C - WB 15°C

Outdoor temperature

DB 35°C - WB 24°C
DB 7°C - WB 6°C

Technical data refer to the norm EN 14511.

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

**The sound power was measured in compliance with ISO 3741.

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





Diffusione



Performance and energy efficiency

Pleasure in simplicity

Diffusione is pleasure in simplicity. Diffusione air conditioners cool, dehumidify and heat: they do everything to ensure that the climate is always just right. And they do so in great simplicity, naturally.

New elegance

Today Diffusione has a new, elegant look that is even more compact, with more sophisticated lines. The glossy details and broad side display reveal a high-tech heart set within a classic form that is only apparently conventional.



Maximum efficiency
Low power consumption



Environmentally friendly
Refrigerant Gas

Efficient performance

Diffusione comes in three models to meet all possible demands to ensure that performance does not increase consumption. All models in the Diffusione line are rated Class A both for cooling and for heating: a guarantee of high efficiency and low power consumption.

Maximum comfort

With the Auto function, a single button is all that is needed to get comfortable and enjoy the ideal climate. Diffusione sets the temperature automatically according to the parameters detected in the room and, once it has been reached, it maintains that temperature in time.

Dehumidification and heating

Diffusione does not stop at just cooling the air. To ensure that the climate is always perfect, Diffusione dehumidifies the room (up to 1.5 litres/hour) and, in Spring and Fall, it uses the heat pump to delicately warm the room.



Even at night

Diffusione's Sleep function has been designed for light sleepers. The timer allows setting an automatic switch-off time while the electronic control gradually rises the room temperature to adapt to the different metabolic phases of sleep.

Environmentally friendly

Diffusione protects the environment we live in: thanks to the use of environmentally-friendly R410A gas, the unit almost has no impact on the ozone layer.

Remote control

Diffusione has an easy-to-use digital remote control and a broad display so you can quickly view the function settings.



Automatic restart

No problem, even after a power blackout: once the power returns, Diffusione turns automatically on again, returning to the previous operating mode and settings.

| | | Diffusione 8.5 HP HE | Diffusione 10.5 HP HE | Diffusione 12.5 HP HE |
|-----------------------------------------------|--------------------|----------------------|-----------------------|-----------------------|
| | | OS-CEDSH/SEDSH09EI | OS-CEDSH/SEDSH11EI | OS-CEDSH/SEDSH13EI |
| Cooling power (1) | BTU/h | 7.600 | 10.000 | 12.800 |
| Cooling capacity (1) | kW | 2,23 | 2,94 | 3,75 |
| Heating capacity (2) | kW | 2,30 | 3,12 | 4,05 |
| Absorbed power in cooling mode (1) | W | 686 | 908 | 1.152 |
| Absorbed power in heating mode (2) | W | 636 | 860 | 1.120 |
| Annual energy consumption in cooling mode (1) | kWh | 343 | 454 | 576 |
| Dehumidification capacity | l/h | 0,9 | 1,0 | 1,5 |
| Power supply | V-F-Hz | 230-1-50 | 230-1-50 | 230-1-50 |
| Protection rating (Outdoor unit/Indoor unit) | - | IPX4/IPX0 | IPX4/IPX0 | IPX4/IPX0 |
| E.E.R. | - | 3,26 | 3,24 | 3,25 |
| C.O.P. | - | 3,62 | 3,64 | 3,62 |
| Indoor unit | | | | |
| Air volume in cooling mode (max/med/min) | m³/h | 460/440/420 | 460/440/420 | 550/530/500 |
| Air volume in heating mode (max/med/min) | m³/h | 470/450/430 | 470/450/430 | 560/540/510 |
| Dimensions (W x A x P) | mm | 818x270x192 | 818x270x192 | 818x270x192 |
| Sound level (Sound pressure*/Sound power**) | dB(A) | 35 | 35 | 37 |
| Weight (without packing) | Kg | 10 | 10 | 10 |
| Outdoor unit | | | | |
| Dimensions (W x A x P) | mm | 715x482x240 | 715x482x240 | 755x530x252 |
| Air volume (max) | m³/h | 1.700 | 1.700 | 2.200 |
| Sound level (Sound pressure*/Sound power**) | dB(A) | 52 | 52 | 55 |
| Weight (without packing) | Kg | 28 | 32 | 36 |
| Fan speeds (indoor unit / outdoor unit) | - | 3/1 | 3/1 | 3/1 |
| Ø Connecting pipe (liquid) | inch mm | 1/4"-6 | 1/4"-6 | 1/4"-6 |
| Ø Connecting pipe (gas) | inch mm | 3/8"-9,53 | 3/8"-9,53 | 1/2"-12 |
| Max connecting length | m | 15 | 15 | 15 |
| Max height difference | m | 5 | 5 | 5 |
| Refrigerant gas/charge | Type/kg | R410A/0,76 | R410A/0,94 | R410A/1,4 |
| Additional gas (over 7 mt length) | g/m | 20 | 20 | 20 |
| Power cable (N°Poles x section mmq) | - | 3x1,0 | 3x1,0 | 3x1,0 |
| Connecting cable (N°Poles x section mmq) | - | 2x0,75/3x1,5 | 2x0,75/3x1,5 | 2x0,75/3x1,5 |
| Maximum remote control range | m/° | 8/30° | 8/30° | 8/30° |
| Energy Efficiency Class in cooling mode | - | A | A | A |
| Energy Efficiency Class in heating mode | - | A | A | A |
| Testing conditions | Indoor temperature | Outdoor temperature | | |
| (1) Test conditions for cooling power | DB 27°C - WB 19°C | DB 35°C - WB 24°C | | |
| (2) Test conditions for heating power | DB 20°C - WB 15°C | DB 7°C - WB 6°C | | |

Technical data refer to the norm EN 14511.
 *The sound pressure was measured in a semi-anechoic chamber at one meter from the front panel of the unit and with the microphone set at a height of one meter off the floor.**The sound power was measured in compliance with ISO 3741.
 HP = heat pump - HE = high efficiency (energy savings / high performance)



Big



Large spaces, great capacity

All the capacity needed

Big is the air conditioner designed for large rooms. Ideal for shopping centres and large residential installations, Big meets all the criteria of modern air conditioning. It is powerful, efficient, simple and has a streamlined look.



Maximum efficiency
Low power consumption



Environmentally friendly

New elegance

Today Big has a new, elegant look that is even more compact, with more sophisticated lines. The glossy details and broad side display reveal a high-tech heart set within a classic form that is only apparently conventional.

Performance and efficiency

Thanks to the use of high quality materials and sophisticated electronics, Big is not only powerful, it is also highly efficient. In fact, Big has a Class A rating (in cooling mode) which ensures maximum energy savings.



Remote control

Big has an easy-to-use digital remote control and a broad display so you can quickly view the function settings.



Automatic restart

No problem, even after a power blackout: once the power returns, Big turns automatically on again, returning to the previous operating mode and settings.

| | | Big 20 HP HE | Big 25 HP HE |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|-----------------|
| | | OS-CEH/SEH 20EI | OS-CEH/SEH 25EI |
| Cooling power (1) | BTU/h | 19.400 | 24.500 |
| Cooling capacity (1) | kW | 5,69 | 7,16 |
| Heating capacity (2) | kW | 6,08 | 6,53 |
| Absorbed power in cooling mode (1) | W | 1.764 | 2.216 |
| Absorbed power in heating mode (2) | W | 1.657 | 2.025 |
| Annual energy consumption in cooling mode | kWh | 882,0 | 1.108,0 |
| Dehumidification capacity | l/h | 2,5 | 2,7 |
| Power supply | V-F-Hz | 230-1-50 | 230-1-50 |
| Protection rating (Outdoor unit/Indoor unit) | - | IPX4/IPX0 | IPX4/IPX0 |
| E.E.R. | - | 3,22 | 3,23 |
| C.O.P. | - | 3,67 | 3,22 |
| Indoor unit | | | |
| Cooling air flow rate (max/med/min) | m³/h | 800/770/750 | 960/930/900 |
| Heating air flow rate (max/med/min) | m³/h | 810/780/760 | 970/940/910 |
| Dimensions (W x H x D) | mm | 1.025x313x203 | 1.025x313x203 |
| Sound level (Sound pressure*) | dB(A) | 42 | 50 |
| Weight (without packing) | Kg | 14 | 14 |
| Outdoor unit | | | |
| Dimensions (W x H x D) | mm | 830x637x268 | 832x702x380 |
| Air flow rate (max) | m³/h | 2.400 | 2.700 |
| Sound level (Sound pressure*) | dB(A) | 58 | 60 |
| Weight (without packing) | Kg | 49 | 58 |
| Ventilation speed (Outdoor unit/Indoor unit) | - | 3/1 | 3/1 |
| Ø Connection lines (liquid) | inch - mm | 3/8" - 9,53 | 3/8" - 9,53 |
| Ø Connection lines (gas) | inch - mm | 5/8" - 16 | 5/8" - 16 |
| Max connecting length | m | 15 | 15 |
| Max height difference | m | 5 | 5 |
| Refrigerant Gas / charge | Type/kg | R410A/1.66 | R410A/2 |
| Additional load (above 8 m) | g/m | 20 | 20 |
| Power supply cable (N°Poles x Sect.) | - | 3x2,0 | 3x2,5 |
| Connection supply cable (N°Poles x Sect.) | - | 2x0,75/3x1,5 | 3x1,5/3x0,75 |
| Maximum remote control distance | m/° | 8/30° | 8/30° |
| Energy efficiency class in cooling mode | - | A | A |
| Energy efficiency class in heating mode | - | A | C |
| Testing conditions | Indoor temperature | Outdoor temperature | |
| (1) Test conditions for cooling power | DB 27°C - WB 19°C | DB 35°C - WB 24°C | |
| (2) Test conditions for heating power | DB 20°C - WB 15°C | DB 7°C - WB 6°C | |
| Technical data refer to the norm EN 14511. | | | |
| *The sound pressure was measured in a semi-anechoic chamber at one meter from the front panel of the unit and with the microphone set at a height of one meter off the floor.**The sound power was measured in compliance with ISO 3741. HP = heat pump - HE = high efficiency (energy savings / high performance) | | | |



Diffusione Multi 21



Top performance at the right price

One unit, several rooms

Multi stands for multisplit, a system that can condition several rooms with a single outdoor unit. Diffusione Multi 21 is a dual split unit where two indoor units can be connected to a single outdoor unit: and this means great convenience and savings. Carefully designed using high-tech electronics and high efficiency components. The use of environmentally-friendly R410A gas and higher performance efficiency, provide better protection for the environment.



Environmentally friendly

Double-compressor technology

Diffusione Multi 21 ensures the benefits of climate control in several rooms using a single outdoor unit. The double-compressor technology further reduces power consumption, using one or two compressors to meet demand. Moreover, if one of the two compressors fails, Diffusione Multi 21 can continue operating with the other one.

Functions

The practical remote control with its large display, lets you select, among other things, the following functions:



Auto: the unit automatically sets operation mode according to the difference between the temperature setpoint and the temperature in the room.



Dry: this mode optimizes the air conditioning operation and fan speed in order to absorb humidity.



Sleep: the temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours. Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.

Diffusione Multi 21 HP

OS-C/SEMMH-21EI

| | | | |
|-----------------------------------------------|-------------------|---------------------------|---------------------|
| Power supply | V-F-Hz | 230 - 1 - 50 | |
| Maximum operating pressure | MPa | 3,50 | |
| Max connecting length | m | 15 | |
| Max height difference | m | 5 | |
| Additional gas (over 8 mt length) | g/m | 30 | |
| Power cable (N° pole) | - | 3 | |
| Maximum remote control range (distance/angle) | m / ° | 8 / 80° | |
| Outdoor unit | | OS-CEMMH21EI | |
| Dimensions (W x H x D) | mm | 895 x 655 x 345 | |
| Air volume (max) | m³/h | 2200 | |
| Protection level | - | IP24 | |
| Fan speeds | revs | 830/650 | |
| Refrigerant gas / charge | Type / kg | R410A / 2,000 (1,10+0,90) | |
| Sound pressure | db(A) min - max | 56 | |
| Weight (without packing) | Kg | 76 | |
| Indoor unit | | OS-SEMMH09EI | OS-SEMMH12EI |
| Dimensions (W x H x D) | mm | 710 x 250 x 195 | 790 x 265 x 193 |
| Air volum in cooling mode (max/med/min) | m³/h | 500 / 460 / 410 | 500 / 430 / 370 |
| Air volum in heating mode (max/med/min) | m³/h | 500 / 460 / 410 | 500 / 430 / 370 |
| Protection level | - | IP20 | IP20 |
| Fan speeds | revs | 1200/950/850 | 1220/1000/800 |
| Ø Connecting pipe (liquid) | inch - mm | 1/4" - 6,35 | 1/4" - 6,35 |
| Ø Connecting pipe (gas) | inch - mm | 3/8" - 9,53 | 1/2" - 12,7 |
| Connecting cable (N° pole) | - | 4 | 4 |
| Sound pressure | db(A) max-med-min | 36 - 34 - 32 | 37 - 34 - 31 |
| Weight (without packing) | Kg | 8,0 | 9,0 |

Technical data refer to the norm EN 14511.

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

HP = heat pump

HE = high efficiency (energy savings / high performance)

TEST PARAMETERS

(1) Cooling capacity test:

Indoor temperature DB 27°C - WB 19°C
Outdoor temperature DB 35°C - WB 24°C

(2) Heating capacity test:

Indoor temperature DB 20°C - WB 15°C
Outdoor temperature DB 7°C - WB 6°C

OPERATIONAL LIMITS

Maximum operating temperature in cooling mode:

Indoor temperature DB 32°C - WB 24°C
Outdoor temperature DB 43°C - WB 26°C

Minimum operating temperature in cooling mode:

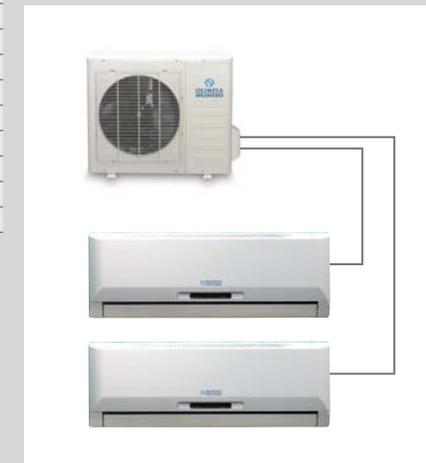
Indoor temperature DB 17°C - WB 14°C
Outdoor temperature DB 15°C

Maximum operating temperature in heating mode:

Indoor temperature DB 27°C
Outdoor temperature DB 15°C

Minimum operating temperature in heating mode:

Indoor temperature DB 17°C
Outdoor temperature DB -15°C



Configuration OS-CEMMH21EI + OS-SEMMH09EI + OS-SEMMH12EI

| | | | | | |
|-----------------------------------------------|-------|--------|-----------------------------------------|---------|-------|
| Cooling power (1) | BTU/h | 21.000 | Power absorption in cooling mode | W (max) | 2.580 |
| Cooling capacity (1) | kW | 6,16 | Power absorption in heating mode | W (max) | 2.580 |
| Heating capacity (2) | kW | 7,05 | Absorption in cooling mode | A (max) | 11,2 |
| Power absorption in cooling mode (1) | W | 2.047 | Absorption in heating mode | A (max) | 11,2 |
| Power absorption in heating mode (2) | W | 2.067 | E.E.R. | - | 3,01 |
| Nominal absorption in cooling mode (1) | A | 8,9 | C.O.P. | - | 3,41 |
| Nominal absorption in heating mode (2) | A | 9,0 | Energy Efficiency Class in cooling mode | - | B |
| Yearly energy consumption in cooling mode (1) | kWh | 1.023 | Energy Efficiency Class in heating mode | - | B |
| Dehumidification capacity | l/h | 3,2 | | | |



Inverter

Super savings and performance

Progetto Inverter



Maximo Inverter



Big Inverter 18



Studio's Inverter

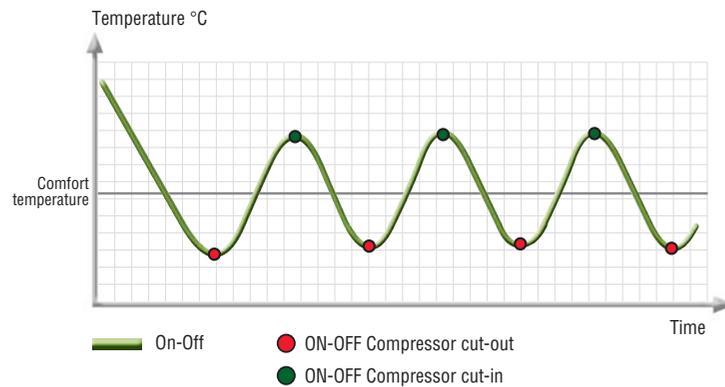


The OS Inverter System technology

As compared to on-off systems, the Inverter reaches the desired temperature more quickly and then maintains it, without abrupt fluctuations. Nearly all Olimpia Splendid Inverter systems operate with direct current (DC). When compared to alternating current (AC), these units are quieter and consume less. The Olimpia Splendid Inverter system technology thus guarantees maximum efficiency achieving maximum comfort silently and, at the same time, reducing the costs.

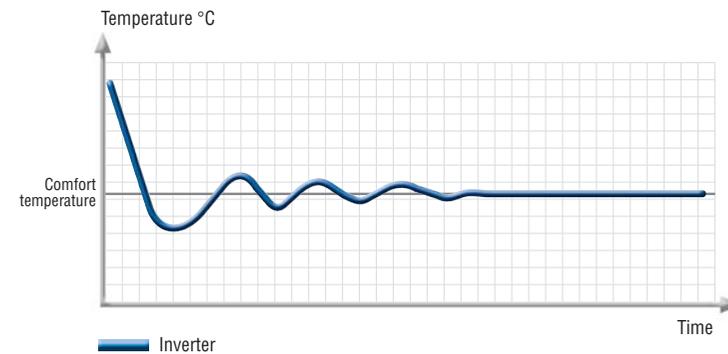


ON-OFF Function



In these units, the compressor works at a single speed. The temperature falls and rises significantly as the compressor stops and then restarts again. Such function is noisy and less comfortable.

INVERTER Function



The main characteristic of the Olimpia Splendid Inverters is that they can constantly change the compressor speed to meet the demands of the room where the unit is installed. In cooling mode, as soon as the unit turns on, the compressor starts up at maximum speed so that it can reach a comfortable temperature quickly. At this point the compressor slows down, reaching the optimal rotation rate for the temperature setpoint. This means that Inverter-type air conditioners maintain the room temperature steady, with practically imperceptible oscillations, thus ensuring utmost comfort and extremely silent operation.

Individual control for each room

In the Multisplit models, the OS Inverter System technology makes it possible to further reduce power consumption through flexible capacity. This ensures the ideal comfort for each room using a single outdoor unit and with reduced power consumption.

Stable room temperature

Besides more quickly achieving the desired comfort condition, the Inverter technology delivers greater control over room temperature, keeping oscillations to the barest minimum in both cooling and heating mode.

More variable capacity and lower consumption

The Inverter technology regulates the capacity according to the indoor temperature and the comfort requirements for the room. This can reduce consumption by as much as 30% while increasing capacity as much as 30% over normal values for short periods of time.





Maximo Inverter



The maximum, within everyone's reach

Maximum quality, maximum performance

Maximo sets the advantages of the Inverter within everyone's reach. It is truly a functional air conditioning: efficient, reliable, versatile, powerful and ecological. Maximo has A energy efficiency class, the top for quality and performance.



Maximum efficiency
Low power consumption in both cooling and heating modes



Environmentally friendly

Top performance

A supremely efficient inverter with high performance and very low power consumption. It has a Class A power rating for both cooling and heating, we could even say it is a Class A2 unit given its ability to optimize power consumption.

More variable capacity and lower consumption

The Inverter technology makes it possible to regulate the compressor. This implies that, once the desired temperature has been reached, the compressor works at a reduced rate, maintaining the set temperature but consuming very little power. This is why the unit can reach energy savings of as much as 30%.

Stable room temperature

Besides more quickly achieving the desired comfort conditions, the Inverter technology delivers greater control over room temperature, keeping oscillations to the barest minimum in both cooling and heating mode.

Maximum quietness

Along with the large heat exchange surface, full control over compressor and fans makes the unit nearly totally silent.

Remote control

The compact infrared remote control, with its large LCD display, allows an easy control of all unit functions from a distance.



Timer

To set switch-on/switch-off time according to user's needs.

Automatic function



Once the desired temperature has been set on the remote control, this function regulates it and maintains it automatically.

Turbo function



Activates maximum fan speed to reach the desired temperature as quickly as possible.

Sleep function



The temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours. Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.

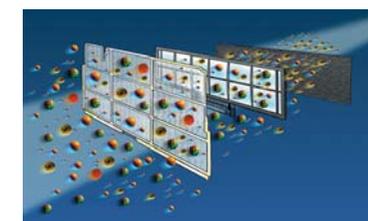
Dry function



This mode optimizes the air conditioning operation and fan speed in order to absorb humidity.

Electrostatic filter and activated carbon filter

The electrostatic filter controls, and eliminates, minute particles and emissions such as smoke, dust and animal hairs, thus preventing allergies. The activated carbon filter eliminates foul odours and makes gases that could be harmful to human health harmless.



High intensity filters





Progetto Inverter



The master of Inverters,
with the best energy savings

The top of the line

Progetto has everything that makes the Olympia Splendid Inverters so exceptional plus some additional features that set it at the top of the category, starting with its design and its elegant satin silver front panel.



Maximum efficiency
Low power consumption in both cooling and heating modes



Environmentally friendly

Machine-side display

Displays the functions set directly on the machine so you can check the unit at a glance.

Dry function



This mode optimizes the air conditioning operation and fan speed in order to absorb humidity.

Sleep function



The temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours. Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.

Turbo function



Activates maximum fan speed to reach the desired temperature as quickly as possible.

Automatic function



Once the desired temperature has been set on the remote control, this function regulates it and maintains it automatically.

Maximum quietness

Along with the large heat exchange surface, full control over compressor and blowers makes the unit nearly totally silent.

Remote control

The compact infrared remote control, with its large LCD display, makes it easy to control all unit functions from a distance.

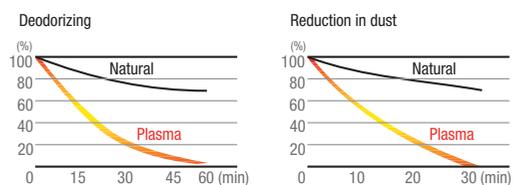
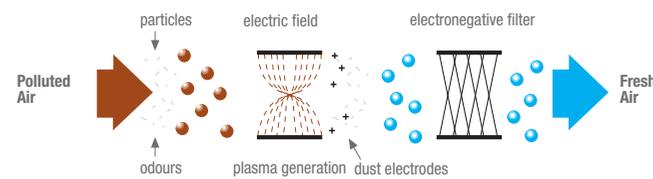


Timer

To set switch-on/switch-off time according to user's needs.

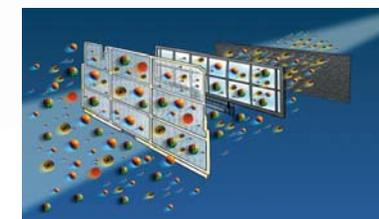
Silver Ion and Plasma filter

The Silver Ion filter kills bacteria or makes them harmless, trapping them in microcells. The bacterial trapped in the filter are then eliminated. The Plasma issues active ions into the room, making the air healthier and more polarized, conveying 95% of the dust, smoke and pollen into the electrostatic filter.



Electrostatic filter and activated carbon filter

The electrostatic filter controls, and eliminates, minute particles and emissions such as smoke, dust, pollens and animal hairs, thus preventing allergies. The activated carbon filter eliminates foul odours and makes gases that could be harmful to human health harmless.



High intensity filters



Studio's Inverter



Efficient, ecological, elegant: the Inverter

When the Inverter gives its all

With this inverter Olympia Splendid has outdone itself. Not only does the system have the well-known standard functions, it also has exclusive features that set it at the top of the category. First and foremost of these added plusses are its refined ultra-slim design, its pearl white colour and its truly complete, absolutely reliable performance.



Maximum efficiency
Low power consumption



Environmentally friendly

Top performance

A supremely efficient inverter with high performance and very low power consumption. It has a Class A power rating for both cooling and heating, we could even say it is a Class A2 unit given its ability to optimize power consumption.

Dry function



This mode optimizes the air conditioning rate and the speed of the fan in order to absorb humidity.

Sleep Function



Thanks to this function, the temperature setting increases (in cooling mode) or decreases (in heating mode) by 1°C per hour for the first two hours; it then automatically settles at that level for the next 5 hours and then goes off altogether. This ensures utmost comfort at night along with a savings in energy.

Turbo function



Activates maximum fan speed to reach the desired temperature as quickly as possible.

Automatic function



Once the desired temperature has been set on the remote control, this function regulates it and maintains it automatically.

Maximum silence

Along with the large heat exchange surface, full control over compressor and blowers makes the unit nearly totally silent.

Remote control

With a broad, backlit liquid crystal display and the main function keys that are visible in the dark, the compact infrared remote control makes it easy to control all unit functions from a distance.

Timer

To set the time from the remote control the unit is to go on and off according to the user's needs.

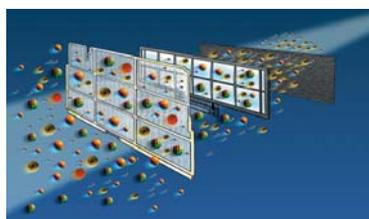
Machine-side display

Displays the functions set directly on the machine so you can check the unit at a glance.



Electrostatic filter and activated carbon filter

The electrostatic filter controls, and eliminates, minute particles and emissions such as smoke, dust, pollens and animal hairs, thus preventing allergies. The activated carbon filter eliminates foul odours and takes gases that could be harmful to human health and makes them harmless.



High intensity filters

Silver Ion Filter

The Silver Ion filter kills bacteria or makes them harmless, trapping them in the microcells. The bacteria trapped in the filter are then eliminated.



Big Inverter 18

Great performance for large rooms



Comfort where needed

When climate control must cover a vast area, the Big Inverter comes on the scene. Efficient, extremely silent and, above all, extremely powerful. Big in name and in deed. Particularly suited to large living spaces, offices, business facilities.



Maximum efficiency
Low power
consumption in both
cooling and heating
modes



Environmentally friendly

Functions

The practical remote control with its large display, lets you select, among other things, the following functions:



Automatic

Once the desired temperature has been set on the remote control, this function regulates it and maintains it automatically.



Turbo

Activates maximum fan speed to reach the desired temperature as quickly as possible.



Sleep

The temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours. Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.

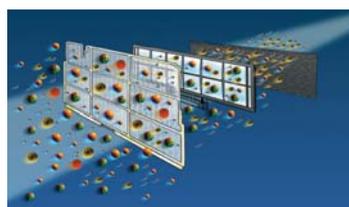


Dry

This mode optimizes the air conditioning operation and fan speed of the fan in order to absorb humidity.

Electrostatic filter and activated carbon filter

The electrostatic filter controls, and eliminates, minute particles and emissions such as smoke, dust, pollens and animal hairs, thus preventing allergies. The activated carbon filter eliminates foul odours and makes gases that could be harmful to human health harmless.



High intensity filters

Ecological

Big Inverter 18 uses environmentally-friendly R410A gas that has practically no impact on the ozone layer.



Remote control

The compact infrared remote control, with its large liquid crystal display, makes it easy to control all unit functions from a distance.

Timer

To set switch-on/switch-off time according to user's needs.

Maximum quietness

Along with the large heat exchange surface, full control over compressor and fans make the unit nearly totally silent.

Operating temperatures

Maximum temp. in cooling mode
Minimum temp. in cooling mode
Maximum temp. in heating mode
Minimum temp. in heating mode

Indoor temperature

DB 32°C - WB 24°C
DB 17°C - WB 14°C
DB 27°C
DB 17°C

Outdoor temperature

DB 43°C - WB 26°C
DB 15°C
DB 15°C
DB -15°C

Testing conditions

(1) Test conditions for cooling power
(2) Test conditions for heating power
(3) High cooling load test conditions
(4) High heating load test conditions

Indoor temperature

DB 27°C - WB 19°C
DB 20°C - WB 15°C
DB 32°C - WB 24°C
DB 25°C

Outdoor temperature

DB 35°C - WB 24°C
DB 7°C - WB 6°C
DB 43°C - WB 32°C
DB 20°C - WB 17°C

Technical data refer to the norm EN 14511.

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

**The sound power was measured in compliance with ISO 3741.

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



Outdoor unit

It has a sturdy, 0.8 mm-gauge steel structure with polyester powder paint that is extremely resistant to atmospheric agents.

Can be floor-mounted or wall-mounted.

The side casing protects the connection valves.

The output air vent is designed to reduce turbulence and noise.



Maximo Inverter



Maximo Inverter 9 DC

Maximo Inverter 12 DC

OS-C/SEODH09EI OS-C/SEODH12EI

| | | 8.900 | 10.900 |
|-----------------------------------------------|--------|-------------|-------------|
| Cooling power (1) | BTU/h | 8.900 | 10.900 |
| Cooling capacity(1) | KW | 2,60 | 3,20 |
| Heating capacity (2) | KW | 2,80 | 3,60 |
| Power absorption in cooling mode (1) | W | 722 | 970 |
| Power absorption in heating mode (2) | W | 718 | 986 |
| Nominal absorption in cooling mode (1) | A | 3,6 | 4,4 |
| Nominal absorption in heating mode (2) | A | 3,6 | 4,2 |
| Yearly energy consumption in cooling mode (1) | kWh | 361,0 | 485,0 |
| Dehumidification capacity | l/h | 0,9 | 1,1 |
| Power supply | V-F-Hz | 230 -1 - 50 | 230 -1 - 50 |
| Power supply min/max | V | 207/253 | 207/253 |
| Power absorption in cooling mode (3) | W | 1500 | 1900 |
| Power absorption in heating mode (4) | W | 1500 | 1900 |
| Maximum absorption in cooling mode (3) | A | 8,0 | 10,0 |
| Maximum absorption in heating mode (4) | A | 8,0 | 10,0 |
| Protection level (outdoor unit / indoor unit) | - | IP24/IPX1 | IP24/IPX1 |
| Maximum operating pressure | MPa | 4,2 | 4,2 |
| E.E.R. | - | 3,60 | 3,30 |
| C.O.P. | - | 3,90 | 3,65 |
| Energy Efficiency Class in cooling mode | - | A | A |
| Energy Efficiency Class in heating mode | - | A | A |

Indoor unit:

| | | | |
|---------------------------------------------|-------------------|-------------------|-------------------|
| Air volume in cooling mode (max/med/min) | m ³ /h | 500/420/350 | 500/450/350 |
| Air volume in heating mode (max/med/min) | m ³ /h | 500/420/350 | 500/450/350 |
| Dimensions (W x H x D) | mm | 750x250x196 | 750x250x196 |
| Sound level (sound pressure*/sound power**) | db(A) min - max | 39-36-29/48-45-38 | 41-37-30/50-46-39 |
| Weight (without packing) | Kg | 7,5 | 9,5 |

Outdoor unit:

| | | | |
|---------------------------------------------|-------------------|-------------|-------------|
| Dimensions (W x H x D) | mm | 760x590x285 | 760x590x285 |
| Air volume (max) | m ³ /h | 1700 | 1700 |
| Sound level (sound pressure*/sound power**) | db(A) | 53/63 | 54/64 |
| Weight (without packing) | Kg | 39,0 | 41,0 |

| | | | |
|-------------------------------------------------|-----------|--------------|--------------|
| Fan speeds (indoor unit / outdoor unit) | - | 3/1 | 3/1 |
| Ø Connecting pipe (liquid) | inch - mm | 1/4 - 6.35 | 1/4 - 6.35 |
| Ø Connecting pipe (gas) | inch - mm | 3/8 - 9.52 | 1/2 - 12,7 |
| Max connecting lenght | m | 12 | 12 |
| Max height difference | m | 5 | 5 |
| Refrigerant gas / charge | Type/ kg | R410A / 1,00 | R410A / 1,15 |
| Additional gas (over 7 mt lenght) | g/m | 30 | 30 |
| Power cable (N° pole x section mmq) | - | 3 x 1.5 | 3 x 1.5 |
| Connecting cable (N° pole x section mmq) | - | 3 x 1.0 | 3 x 1.0 |
| Maximum remote control range (distance / angle) | m / ° | 8 m / 45° | 8 m / 45° |
| Fuse | - | 16A | 16A |

Studio's Inverter



Studio's Inverter 9 DC

Studio's Inverter 12 DC

OS-C/SETDH9EI OS-C/SETDH12EI

| | | 8.900 | 11.300 |
|-----------------------------------------------|--------|-------------|-------------|
| Cooling power (1) | BTU/h | 8.900 | 11.300 |
| Cooling capacity(1) | KW | 2,60 | 3,30 |
| Heating capacity (2) | KW | 2,70 | 3,60 |
| Power absorption in cooling mode (1) | W | 605 | 825 |
| Power absorption in heating mode (2) | W | 643 | 900 |
| Nominal absorption in cooling mode (1) | A | 2,5 | 3,7 |
| Nominal absorption in heating mode (2) | A | 2,6 | 3,9 |
| Yearly energy consumption in cooling mode (1) | kWh | 302,5 | 412,5 |
| Dehumidification capacity | l/h | 0,8 | 1,0 |
| Power supply | V-F-Hz | 230 -1 - 50 | 230 -1 - 50 |
| Power supply min/max | V | 207 / 253 | 207 / 253 |
| Power absorption in cooling mode (3) | W | 1590 | 1590 |
| Power absorption in heating mode (4) | W | 1590 | 1590 |
| Maximum absorption in cooling mode (3) | A | 8,5 | 8,5 |
| Maximum absorption in heating mode (4) | A | 8,5 | 8,5 |
| Protection level (outdoor unit / indoor unit) | - | IP24 / IPX1 | IP24 / IPX1 |
| Maximum operating pressure | MPa | 4,2 | 4,2 |
| E.E.R. | - | 4,30 | 4,00 |
| C.O.P. | - | 4,20 | 4,00 |
| Energy Efficiency Class in cooling mode | - | A | A |
| Energy Efficiency Class in heating mode | - | A | A |

Indoor unit:

| | | | |
|---------------------------------------------|-------------------|-------------------|-------------------|
| Air volume in cooling mode (max/med/min) | m ³ /h | 480/430/380 | 520/420/380 |
| Air volume in heating mode (max/med/min) | m ³ /h | 480/430/380 | 520/420/380 |
| Dimensions (W x H x D) | mm | 855x296x177 | 855x296x177 |
| Sound level (sound pressure*/sound power**) | db(A) min - max | 38-36-31/47-45-40 | 41-38-31/50-47-40 |
| Weight (without packing) | Kg | 11,0 | 11,0 |

Outdoor unit:

| | | | |
|---------------------------------------------|-------------------|-------------|-------------|
| Dimensions (W x H x D) | mm | 760x590x285 | 848x650x348 |
| Air volume (max) | m ³ /h | 1700 | 2130 |
| Sound level (sound pressure*/sound power**) | db(A) | 52/62 | 52/62 |
| Weight (without packing) | Kg | 40,0 | 50,0 |

| | | | |
|-------------------------------------------------|-----------|--------------|--------------|
| Fan speeds (indoor unit / outdoor unit) | - | 3 / 1 | 3 / 1 |
| Ø Connecting pipe (liquid) | inch - mm | 1/4 - 6.35 | 1/4 - 6.35 |
| Ø Connecting pipe (gas) | inch - mm | 3/8 - 9.52 | 1/2 - 12,7 |
| Max connecting lenght | m | 15 | 15 |
| Max height difference | m | 8 | 8 |
| Refrigerant gas / charge | Type/ kg | R410A / 1,16 | R410A / 1,13 |
| Additional gas (over 7 mt lenght) | g/m | 30 | 30 |
| Power cable (N° pole x section mmq) | - | 3 x 1.5 | 3 x 1.5 |
| Connecting cable (N° pole x section mmq) | - | 3 x 1.0 | 3 x 1.0 |
| Maximum remote control range (distance / angle) | m / ° | 8 m / 45° | 8 m / 45° |
| Fuse | - | 16A | 16A |

Progetto Inverter



Progetto Inverter 9 DC



Progetto Inverter 12 DC

OS-C/SEYDH09EI OS-C/SEYDH12EI

| | | | |
|-------------------------------------------------|-------------------|-------------------|-------------------|
| Cooling power (1) | BTU/h | 9.200 | 11.600 |
| Cooling capacity(1) | KW | 2,70 | 3,40 |
| Heating capacity (2) | KW | 2,90 | 3,80 |
| Power absorption in cooling mode (1) | W | 692 | 944 |
| Power absorption in heating mode (2) | W | 725 | 1000 |
| Nominal absorption in cooling mode (1) | A | 2,9 | 4,3 |
| Nominal absorption in heating mode (2) | A | 3,0 | 4,2 |
| Yearly energy consumption in cooling mode (1) | kWh | 346,0 | 472,0 |
| Dehumidification capacity | l/h | 0,8 | 1,2 |
| Power supply | V-F-Hz | 230 -1 - 50 | 230 -1 - 50 |
| Power supply min/max | V | 207 / 253 | 207 / 253 |
| Power absorption in cooling mode (3) | W | 1500 | 1600 |
| Power absorption in heating mode (4) | W | 1500 | 1600 |
| Maximum absorption in cooling mode (3) | A | 8,0 | 8,5 |
| Maximum absorption in heating mode (4) | A | 8,0 | 8,5 |
| Protection level (outdoor unit / indoor unit) | - | IP24 / IPX1 | IP24 / IPX1 |
| Maximum operating pressure | MPa | 4,2 | 4,2 |
| E.E.R. | - | 3,90 | 3,60 |
| C.O.P. | - | 4,00 | 3,80 |
| Energy Efficiency Class in cooling mode | - | A | A |
| Energy Efficiency Class in heating mode | - | A | A |
| Indoor unit: | | | |
| Air volume in cooling mode (max/med/min) | m ³ /h | 590/470/325 | 615/485/325 |
| Air volume in heating mode (max/med/min) | m ³ /h | 590/470/325 | 615/485/325 |
| Dimensions (W x H x D) | mm | 790x265x193 | 790x265x193 |
| Sound level (sound pressure*/sound power**) | db(A) min - max | 41-35-30/50-44-39 | 43-37-30/52-46-39 |
| Weight (without packing) | Kg | 8,5 | 9,0 |
| Outdoor unit: | | | |
| Dimensions (W x H x D) | mm | 760x590x285 | 760x590x285 |
| Air volume (max) | m ³ /h | 1650/1060 | 1650/1060 |
| Sound level (sound pressure*/sound power**) | db(A) | 52/62 | 54/64 |
| Weight (without packing) | Kg | 40,0 | 40,5 |
| Fan speeds (indoor unit / outdoor unit) | | | |
| | - | 3 / 1 | 3 / 1 |
| Ø Connecting pipe (liquid) | inch - mm | 1/4 - 6.35 | 1/4 - 6.35 |
| Ø Connecting pipe (gas) | inch - mm | 3/8 - 9.52 | 1/2 - 12,7 |
| Max connecting lenght | m | 15 | 15 |
| Max height difference | m | 8 | 8 |
| Refrigerant gas / charge | Type/ kg | R410A / 1,23 | R410A / 1,23 |
| Additional gas (over 7 mt lenght) | g/m | 30 | 30 |
| Power cable (N° pole x section mmq) | - | 3 x 1.5 | 3 x 1.5 |
| Connecting cable (N° pole x section mmq) | - | 3 x 1.0 | 3 x 1.0 |
| Maximum remote control range (distance / angle) | m / ° | 8 m / 45° | 8 m / 45° |
| Fuse | - | 16A | 16A |

Big Inverter



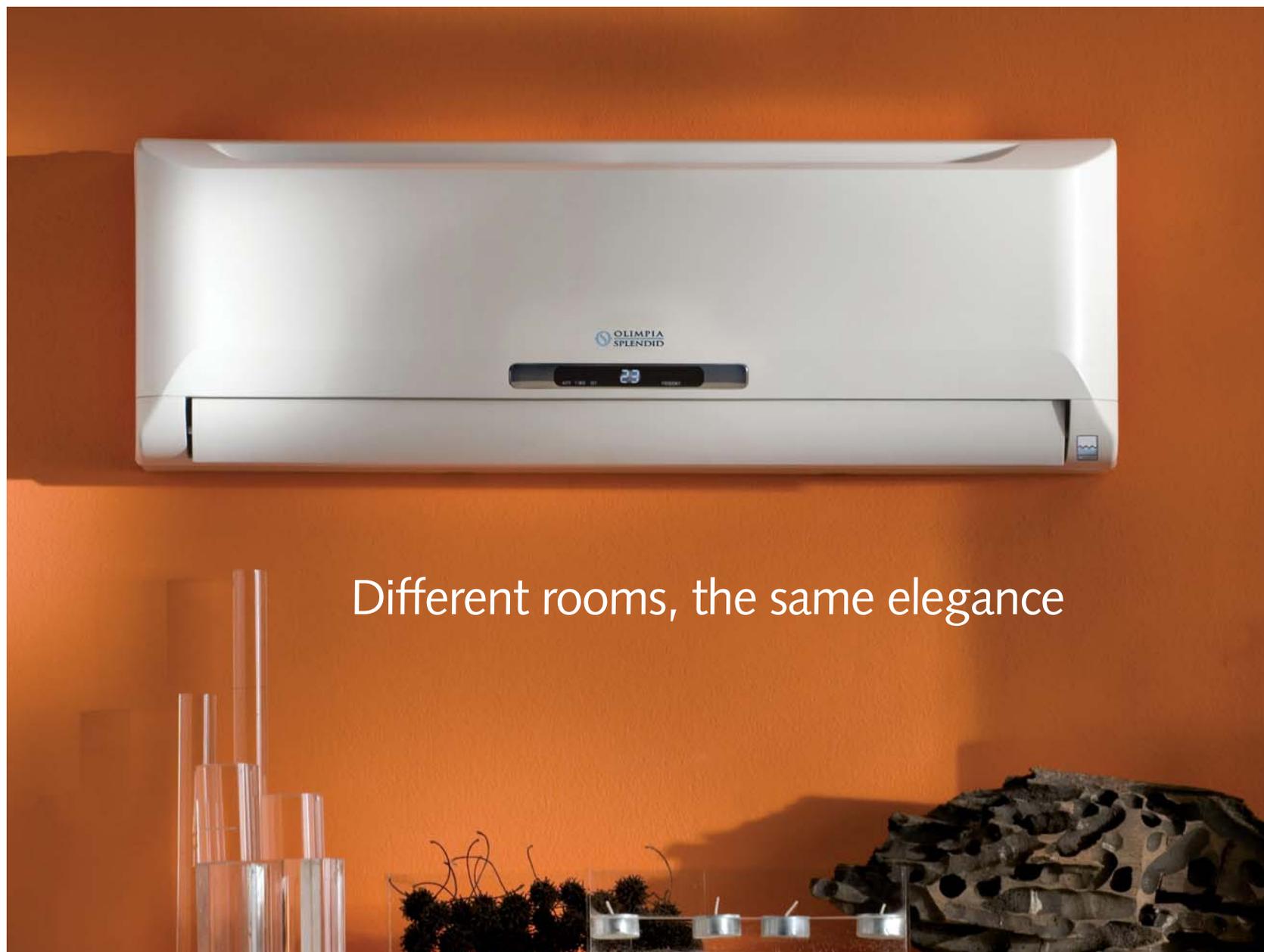
Big Inverter DC 18 HP

OS-C/SEDH18EI

| | | |
|-------------------------------------------------|-------------------|-------------|
| Cooling power (1) | BTU/h | 17.000 |
| Cooling capacity(1) | KW | 4,98 |
| Heating capacity (2) | KW | 4,98 |
| Power absorption in cooling mode (1) | W | 1552 |
| Power absorption in heating mode (2) | W | 1461 |
| Nominal absorption in cooling mode (1) | A | 6,7 |
| Nominal absorption in heating mode (2) | A | 6,4 |
| Yearly energy consumption in cooling mode (1) | kWh | 776 |
| Dehumidification capacity | l/h | 1,5 |
| Power supply | V-F-Hz | 230 -1 - 50 |
| Power supply min/max | V | 207 / 253 |
| Power absorption in cooling mode (3) | W | 2700 |
| Power absorption in heating mode (4) | W | 2700 |
| Maximum absorption in cooling mode (3) | A | 15,0 |
| Maximum absorption in heating mode (4) | A | 15,0 |
| Protection level (outdoor unit / indoor unit) | - | IP24 / IPX1 |
| Maximum operating pressure | MPa | 4,2 |
| E.E.R. | - | 3,21 |
| C.O.P. | - | 3,41 |
| Energy Efficiency Class in cooling mode | - | A |
| Energy Efficiency Class in heating mode | - | B |
| Indoor unit: | | |
| Air volume in cooling mode (max/med/min) | m ³ /h | 800/700/600 |
| Air volume in heating mode (max/med/min) | m ³ /h | 800/700/600 |
| Dimensions (W x H x D) | mm | 920x292x225 |
| Sound level (sound pressure*/sound power**) | db(A) min - max | 44-40-37 |
| Weight (without packing) | Kg | 11,5 |
| Outdoor unit: | | |
| Dimensions (W x H x D) | mm | 845x695x335 |
| Air volume (max) | m ³ /h | 3000/2200 |
| Sound level (sound pressure*/sound power**) | db(A) | 56 |
| Weight (without packing) | Kg | 52,0 |
| Fan speeds (indoor unit / outdoor unit) | | |
| | - | 3 / 1 |
| Ø Connecting pipe (liquid) | inch - mm | 1/4 - 6.35 |
| Ø Connecting pipe (gas) | inch - mm | 1/2 - 12,7 |
| Max connecting lenght | m | 15 |
| Max height difference | m | 8 |
| Refrigerant gas / charge | Type/ kg | R410A / 1,7 |
| Additional gas (over 7 mt lenght) | g/m | 30 |
| Power cable (N° pole x section mmq) | - | 3 x 1.5 |
| Connecting cable (N° pole x section mmq) | - | 3 x 1.0 |
| Maximum remote control range (distance / angle) | m / ° | 8 m / 45° |
| Fuse | - | 16A |



MultiFlexi Inverter



Different rooms, the same elegance

Flexibility

Multiflexi Inverter is Olimpia Splendid's solution for business and residential air conditioning available with five different cooling capacities. In fact, with a single unit, it is possible to efficiently, silently cool and heat several rooms, thus guaranteeing high energy savings and maximum comfort.

Individual control for each room

In the Multisplit models, the Inverter technology makes it possible to further reduce power consumption through flexible power output. This ensures the ideal climate for each room using a single outdoor unit and with reduced power consumption.



MultiFlexi Inverter DC Dual 21 HP



Choice of 2 indoor units max from:



MultiFlexi Inverter AC Trial 26 HP HE



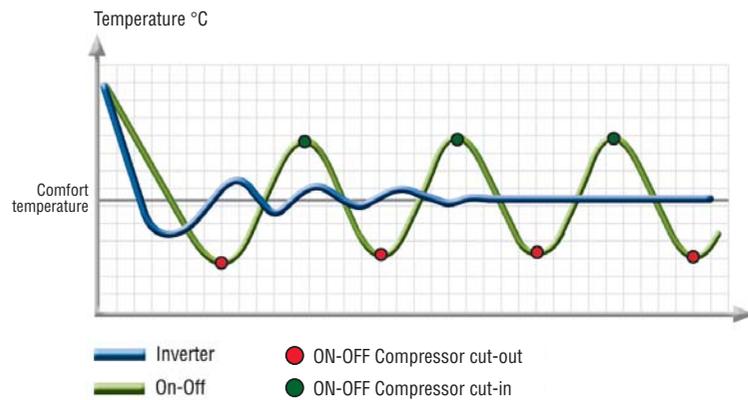
Choice of 3 indoor units max from:



MultiFlexi Inverter AC Quadri 28 HP HE



Choice of 4 indoor units max from:



Cools and heats rooms quickly

Multiflexi Inverter is Olimpia Splendid's solution for business and residential air conditioning available with five different cooling capacities. In fact, with a single unit, it is possible to efficiently, silently cool and heat several rooms, thus guaranteeing high energy savings and maximum comfort.

In an ON-OFF system the temperature rises and falls as the compressor turns on and turns off again. Instead, the Olimpia Splendid Inverter maximizes quietness and comfort by ensuring that the oscillations in temperature are practically nil.



Choice of the type of indoor unit

Besides serving several rooms with a single system, hooking up from two to four indoor units to the same outdoor unit, Multiflexi Inverter also lets you choose what indoor unit to set in the various rooms according to the space available and the position selected: the classic wall split model that is normally wall-mounted but which can also be ceiling-mounted, the Duct unit which comes in two versions, or the Four Way Cassette Compact.



Wall Split

OS-SEAMH09EI
OS-SEAMH12EI



Low Static Pressure Duct

OS-SECMH09EI
OS-SECMH12EI



Four-way Cassette Compact

OS-SESMH12EI



MultiFlexi Inverter

Functions

The practical remote control with its large display, lets you select, among other things, the following functions:

Automatic



Once the desired temperature has been set on the remote control, this function regulates it and maintains it automatically.

Turbo



Activates maximum fan speed to reach the desired temperature as quickly as possible.

Dry



This mode optimizes the air conditioning operation and fan speed in order to absorb humidity.

Sleep



The temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours. Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.

Ecological

The MultiFlexi Inverter uses environmentally-friendly R410A gas that has practically no impact on the ozone layer.



Environmentally friendly

UE 21 DUAL CONFIGURATION

| | COOLING CAPACITY | HEATING CAPACITY |
|---------|------------------|------------------|
| 9 | 2,64 | 3,26 |
| 12 | 3,51 | 4,00 |
| 9 + 9 | 2,10 + 2,10 | 2,45 + 2,45 |
| 9 + 12 | 2,00 + 2,60 | 2,30 + 3,10 |
| 12 + 12 | 2,50 + 2,50 | 3,00 + 3,00 |

UE 26 TRIAL CONFIGURATION

| | COOLING CAPACITY | HEATING CAPACITY |
|-------------|--------------------|--------------------|
| 9 + 9 | 2,64 + 2,64 | 3,15 + 3,15 |
| 9 + 12 | 2,78 + 3,33 | 3,11 + 3,65 |
| 12 + 12 | 3,10 + 3,10 | 3,50 + 3,50 |
| 9 + 9 + 9 | 2,2 + 2,2 + 2,2 | 2,69 + 2,69 + 2,69 |
| 9 + 9 + 12 | 2,15 + 2,15 + 2,89 | 2,68 + 2,68 + 3,07 |
| 9 + 12 + 12 | 2,09 + 2,76 + 2,76 | 2,58 + 3,21 + 3,21 |

UE 28 QUADRI CONFIGURATION

| | COOLING CAPACITY | HEATING CAPACITY |
|----------------|---------------------------|---------------------------|
| 9 + 12 | 2,78 + 3,33 | 3,11 + 3,65 |
| 12 + 12 | 3,38 + 3,38 | 3,72 + 3,72 |
| 9 + 9 + 9 | 2,48 + 2,48 + 2,48 | 2,70 + 2,70 + 2,70 |
| 9 + 9 + 12 | 2,32 + 2,32 + 2,83 | 2,63 + 2,63 + 3,18 |
| 9 + 12 + 12 | 2,20 + 2,87 + 2,87 | 2,73 + 3,09 + 3,09 |
| 12 + 12 + 12 | 2,84 + 2,84 + 2,84 | 3,10 + 3,10 + 3,10 |
| 9 + 9 + 9 + 9 | 1,38 + 1,38 + 1,38 + 1,38 | 2,34 + 2,34 + 2,34 + 2,34 |
| 9 + 9 + 9 + 12 | 1,86 + 1,86 + 1,86 + 2,31 | 2,24 + 2,24 + 2,24 + 2,62 |

MultiFlexi Inverter



DC DUAL 21 HP HE

AC TRIAL 26 HP HE

AC QUADRI 28 HP HE

| | | | | |
|---------------------------------------------------------|--------|----------|--------------|-----------|
| Power supply | V-F-Hz | 230-1-50 | 230-1-50 | 230-1-50 |
| Power supply (min/max) | V | - | 187/253 | 187/253 |
| Maximum operating pressure | MPa | 4,20 | 4,20 | 4,20 |
| Max connecting length | m | 30 | 45 | 60 |
| Tubing length difference between the indoor units (max) | m | - | 12 | 12 |
| Max height difference | m | 10 | 10 | 10 |
| Additional gas (over 7 mt length) | g/m | 30 | 30 | 30 |
| Maximum remote control range (distance / angle) | m/° | 8/45 | 5/60 | 5/60 |
| Fuse | - | 16 A | 3.15 A/250 V | 5 A/250 V |

| Indoor unit | | Wall Split | | Low Static Pressure Duct | | Four-Way Cassette Compact |
|------------------------------------------|--------------------|--------------|--------------|--------------------------|--------------|---------------------------|
| | | OS-SEAMH09EI | OS-SEAMH12EI | OS-SECMH09EI | OS-SECMH12EI | OS-SESMH12EI |
| Dimensions (W x H x D) | mm | 710x250x195 | 790x265x195 | 874x203x375 | 874x203x375 | 580x254x580 |
| Air volume in cooling mode (max/med/min) | m ³ /h | 570/480/350 | 600/520/420 | 680/620/540 | 680/620/540 | 550/420 |
| Air volume in heating mode (max/med/min) | m ³ /h | 570/480/350 | 600/520/420 | 680/620/540 | 680/620/540 | 550/420 |
| Protection level | - | IP24 | IP24 | IP24 | IP24 | IP24 |
| Fan speed | - | 3 | 3 | 3 | 3 | 2 |
| Ø Connecting pipe (liquid) | inch- mm | 1/4"-6,35 | 1/4"-6,35 | 1/4"-6,35 | 1/4"-6,35 | 1/4"-6,35 |
| Ø Connecting pipe (gas) | inch - mm | 3/8"-9,53 | 1/2"-12,7 | 3/8"-9,52 | 1/2"-12,7 | 1/2"-12,7 |
| Sound pressure* | dB(A) (min - max) | 31-37 | 34-40 | 30-36 | 33-38 | 33-36 |
| Weight (without packing) | Kg | 8,0 | 9,0 | 15 | 15 | 18,5 |

| Outdoor Unit | | OS-CEDMH21EI | OS-CEAMH26EI | OS-CEAMH28EI |
|----------------------------------------|-------------------|--------------|--------------|--------------|
| Dimensions (W x H x D) | mm | 845x695x335 | 845x695x335 | 895x860x330 |
| Air volume (max) | m ³ /h | 2.500 | 2.500 | 3.500 |
| Protection level | - | IP24 | IP24 | IP24 |
| Fan speed | - | 1 | 1 | 2 |
| Refrigerant gas / charge | type/kg | R410A/1,800 | R410A/2,350 | R410A/2,850 |
| Maximum refrigerant gas charge allowed | kg | - | 3,150 | 4,050 |
| Sound pressure* | dB(A) | 55 | 52-60 | 52-62 |
| Weight (without packing) | Kg | 61 | 72 | 80 |

Operating temperatures

| | |
|----------------------------|-------------------|
| Maximum temp. cooling mode | DB 35°C - WB 22°C |
| Minimum temp. cooling mode | DB 18°C - WB 14°C |
| Maximum temp. heating mode | DB 27°C |
| Minimum temp. heating mode | DB 16°C |

Indoor temperature

| |
|-------------------|
| DB 35°C - WB 22°C |
| DB 18°C - WB 14°C |
| DB 27°C |
| DB 16°C |

Outdoor temperature

| |
|-------------------|
| DB 43°C - WB 26°C |
| DB 18°C |
| DB 24°C - WB 18°C |
| DB -8°C - WB -9°C |

Testing conditions

| | |
|---------------------------------------|-------------------|
| (1) Test conditions for cooling power | DB 27°C - WB 19°C |
| (2) Test conditions for heating power | DB 20°C - WB 15°C |
| (3) High cooling load test conditions | DB 32°C - WB 24°C |
| (4) High heating load test conditions | DB 25°C |

Indoor temperature

| |
|-------------------|
| DB 27°C - WB 19°C |
| DB 20°C - WB 15°C |
| DB 32°C - WB 24°C |
| DB 25°C |

Outdoor temperature

| |
|-------------------|
| DB 35°C - WB 24°C |
| DB 7°C - WB 6°C |
| DB 43°C - WB 32°C |
| DB 20°C - WB 17°C |

Technical data refer to the norm EN 14511.

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

Modularity

Several indoor units can be connected to the outdoor unit, even at different times. This modularity lets you achieve a wide range of combinations which saves money at the time of purchase and reduces operating costs.



Wall split

MultiFlexi Inverter

MULTIFLEXI INVERTER DC DUAL 21 HP HE Coupling

Configuration OS-CEDMH21EI+OS-SEAMH09EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 2,64 |
| Heating capacity (2) | kW | 3,26 |
| Absorbed power in cooling mode (1) | W | 723 |
| Absorbed power in heating mode (2) | W | 881 |
| Nominal absorption in cooling mode | A | 3,3 |
| Nominal absorption in heating mode | A | 4,0 |
| Annual energy consumption in cooling (1) | kWh | 362 |
| Dehumidification capacity | l/h | 1,10 |
| Cooling power range in cooling mode | W (max) | 1.200 |
| Heating power range in heating mode | W (max) | 1.250 |
| Absorbed power range cooling mode | A (max) | 5,4 |
| Absorbed power range heating mode | A (max) | 5,6 |
| E.E.R. | - | 3,65 |
| C.O.P. | - | 3,70 |
| Energy efficiency class in cooling mode | - | A |
| Energy efficiency class in heating mode | - | A |

Configuration OS-CEDMH21EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 3,51 |
| Heating capacity (2) | kW | 4,00 |
| Absorbed power in cooling mode (1) | W | 975 |
| Absorbed power in heating mode (2) | W | 1.090 |
| Nominal absorption in cooling mode | A | 4,4 |
| Nominal absorption in heating mode | A | 5,0 |
| Annual energy consumption in cooling (1) | kWh | 488 |
| Dehumidification capacity | l/h | 1,3 |
| Cooling power range in cooling mode | W (max) | 1.440 |
| Heating power range in heating mode | W (max) | 1.390 |
| Absorbed power range cooling mode | A (max) | 6,5 |
| Absorbed power range heating mode | A (max) | 6,3 |
| E.E.R. | - | 3,60 |
| C.O.P. | - | 3,67 |
| Energy efficiency class in cooling mode | - | A |
| Energy efficiency class in heating mode | - | A |

MULTIFLEXI INVERTER AC TRIAL 26 HP HE Coupling

Configuration OS-CEAMH26EI+OS-SEAMH09EI+OS-SEAMH09EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 5,28 |
| Heating capacity (2) | kW | 6,30 |
| Absorbed power in cooling mode (1) | W | 1.725 |
| Absorbed power in heating mode (2) | W | 1.831 |
| Nominal absorption in cooling mode | A | 7,5 |
| Nominal absorption in heating mode | A | 8,0 |
| Annual energy consumption in cooling (1) | kWh | 863 |
| Dehumidification capacity | l/h | 1,3 |
| Cooling power range in cooling mode | W (max) | 2.186 |
| Heating power range in heating mode | W (max) | 2.234 |
| Absorbed power range cooling mode | A (max) | 9,8 |
| Absorbed power range heating mode | A (max) | 10,1 |
| E.E.R. | - | 3,06 |
| C.O.P. | - | 3,44 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH26EI+OS-SEAMH09EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 6,11 |
| Heating capacity (2) | kW | 6,76 |
| Absorbed power in cooling mode (1) | W | 2,023 |
| Absorbed power in heating mode (2) | W | 1.965 |
| Nominal absorption in cooling mode | A | 8,8 |
| Nominal absorption in heating mode | A | 8,5 |
| Annual energy consumption in cooling (1) | kWh | 1.012 |
| Dehumidification capacity | l/h | 2,2 |
| Cooling power range in cooling mode | W (max) | 2.378 |
| Heating power range in heating mode | W (max) | 2.335 |
| Absorbed power range cooling mode | A (max) | 10,6 |
| Absorbed power range heating mode | A (max) | 10,5 |
| E.E.R. | - | 3,02 |
| C.O.P. | - | 3,44 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEDMH21EI+OS-SEAMH09EI+OS-SEAMH09EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 4,20 |
| Heating capacity (2) | kW | 4,90 |
| Absorbed power in cooling mode (1) | W | 1.176 |
| Absorbed power in heating mode (2) | W | 1.346 |
| Nominal absorption in cooling mode | A | 5,3 |
| Nominal absorption in heating mode | A | 6,1 |
| Annual energy consumption in cooling (1) | kWh | 588 |
| Dehumidification capacity | l/h | 2,1 |
| Cooling power range in cooling mode | W (max) | 2.150 |
| Heating power range in heating mode | W (max) | 2.150 |
| Absorbed power range cooling mode | A (max) | 10,5 |
| Absorbed power range heating mode | A (max) | 10,5 |
| E.E.R. | - | 3,57 |
| C.O.P. | - | 3,64 |
| Energy efficiency class in cooling mode | - | A |
| Energy efficiency class in heating mode | - | A |

Configuration OS-CEDMH21EI+OS-SEAMH09EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 4,60 |
| Heating capacity (2) | kW | 5,40 |
| Absorbed power in cooling mode (1) | W | 1.299 |
| Absorbed power in heating mode (2) | W | 1.492 |
| Nominal absorption in cooling mode | A | 5,9 |
| Nominal absorption in heating mode | A | 6,8 |
| Annual energy consumption in cooling (1) | kWh | 650 |
| Dehumidification capacity | l/h | 2,2 |
| Cooling power range in cooling mode | W (max) | 2.150 |
| Heating power range in heating mode | W (max) | 2.150 |
| Absorbed power range cooling mode | A (max) | 10,5 |
| Absorbed power range heating mode | A (max) | 10,5 |
| E.E.R. | - | 3,54 |
| C.O.P. | - | 3,62 |
| Energy efficiency class in cooling mode | - | A |
| Energy efficiency class in heating mode | - | A |

Configuration OS-CEAMH26EI+OS-SEAMH12EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 6,20 |
| Heating capacity (2) | kW | 7,00 |
| Absorbed power in cooling mode (1) | W | 2.039 |
| Absorbed power in heating mode (2) | W | 2.047 |
| Nominal absorption in cooling mode | A | 8,9 |
| Nominal absorption in heating mode | A | 8,9 |
| Annual energy consumption in cooling (1) | kWh | 1.020 |
| Dehumidification capacity | l/h | 2,4 |
| Cooling power range in cooling mode | W (max) | 2.494 |
| Heating power range in heating mode | W (max) | 2.456 |
| Absorbed power range cooling mode | A (max) | 11,1 |
| Absorbed power range heating mode | A (max) | 10,9 |
| E.E.R. | - | 3,04 |
| C.O.P. | - | 3,42 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH26EI+OS-SEAMH09EI+OS-SEAMH09EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 7,19 |
| Heating capacity (2) | kW | 8,43 |
| Absorbed power in cooling mode (1) | W | 2,350 |
| Absorbed power in heating mode (2) | W | 2.458 |
| Nominal absorption in cooling mode | A | 10,2 |
| Nominal absorption in heating mode | A | 10,7 |
| Annual energy consumption in cooling (1) | kWh | 1.175 |
| Dehumidification capacity | l/h | 3,2 |
| Cooling power range in cooling mode | W (max) | 2.824 |
| Heating power range in heating mode | W (max) | 2.917 |
| Absorbed power range cooling mode | A (max) | 12,7 |
| Absorbed power range heating mode | A (max) | 13,1 |
| E.E.R. | - | 3,06 |
| C.O.P. | - | 3,43 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEDMH21EI+OS-SEAMH12EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 5,00 |
| Heating capacity (2) | kW | 6,00 |
| Absorbed power in cooling mode (1) | W | 1.650 |
| Absorbed power in heating mode (2) | W | 1.705 |
| Nominal absorption in cooling mode | A | 7,5 |
| Nominal absorption in heating mode | A | 7,7 |
| Annual energy consumption in cooling (1) | kWh | 825 |
| Dehumidification capacity | l/h | 2,2 |
| Cooling power range in cooling mode | W (max) | 2.150 |
| Heating power range in heating mode | W (max) | 2.150 |
| Absorbed power range cooling mode | A (max) | 10,5 |
| Absorbed power range heating mode | A (max) | 10,5 |
| E.E.R. | - | 3,03 |
| C.O.P. | - | 3,52 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH26EI+OS-SEAMH09EI+OS-SEAMH09EI+OS-SEAMH09EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 6,60 |
| Heating capacity (2) | kW | 8,07 |
| Absorbed power in cooling mode (1) | W | 2.164 |
| Absorbed power in heating mode (2) | W | 2.360 |
| Nominal absorption in cooling mode | A | 9,4 |
| Nominal absorption in heating mode | A | 10,3 |
| Annual energy consumption in cooling (1) | kWh | 1.082 |
| Dehumidification capacity | l/h | 2,9 |
| Cooling power range in cooling mode | W (max) | 2.598 |
| Heating power range in heating mode | W (max) | 2.625 |
| Absorbed power range cooling mode | A (max) | 11,7 |
| Absorbed power range heating mode | A (max) | 12,0 |
| E.E.R. | - | 3,05 |
| C.O.P. | - | 3,42 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH26EI+OS-SEAMH12EI+OS-SEAMH12EI+OS-SEAMH09EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 7,61 |
| Heating capacity (2) | kW | 9,00 |
| Absorbed power in cooling mode (1) | W | 2.487 |
| Absorbed power in heating mode (2) | W | 2.632 |
| Nominal absorption in cooling mode | A | 10,8 |
| Nominal absorption in heating mode | A | 11,4 |
| Annual energy consumption in cooling (1) | kWh | 1.243 |
| Dehumidification capacity | l/h | 3,4 |
| Cooling power range in cooling mode | W (max) | 2.945 |
| Heating power range in heating mode | W (max) | 3.108 |
| Absorbed power range cooling mode | A (max) | 13,2 |
| Absorbed power range heating mode | A (max) | 14,5 |
| E.E.R. | - | 3,06 |
| C.O.P. | - | 3,42 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

MultiFlexi Inverter

MULTIFLEXI INVERTER AC QUADRI 28 HP HE Coupling

Configuration OS-CEAMH28EI+OS-SEAMH09EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 6,11 |
| Heating capacity (2) | kW | 6,76 |
| Absorbed power in cooling mode (1) | W | 2,023 |
| Absorbed power in heating mode (2) | W | 1.972 |
| Nominal absorption in cooling mode | A | 8,8 |
| Nominal absorption in heating mode | A | 8,6 |
| Annual energy consumption in cooling (1) | kWh | 1.011 |
| Dehumidification capacity | l/h | 2,2 |
| Cooling power range in cooling mode | W (max) | 2.378 |
| Heating power range in heating mode | W (max) | 2.344 |
| Absorbed power range cooling mode | A (max) | 10,7 |
| Absorbed power range heating mode | A (max) | 10,6 |
| E.E.R. | - | 3,02 |
| C.O.P. | - | 3,43 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH28EI+OS-SEAMH12EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 6,76 |
| Heating capacity (2) | kW | 7,44 |
| Absorbed power in cooling mode (1) | W | 2.221 |
| Absorbed power in heating mode (2) | W | 2.170 |
| Nominal absorption in cooling mode | A | 10,0 |
| Nominal absorption in heating mode | A | 9,7 |
| Annual energy consumption in cooling (1) | kWh | 1.111 |
| Dehumidification capacity | l/h | 2,4 |
| Cooling power range in cooling mode | W (max) | 2.621 |
| Heating power range in heating mode | W (max) | 2.648 |
| Absorbed power range cooling mode | A (max) | 11,6 |
| Absorbed power range heating mode | A (max) | 11,7 |
| E.E.R. | - | 3,04 |
| C.O.P. | - | 3,43 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH28EI+OS-SEAMH09EI+OS-SEAMH09EI+OS-SEAMH09EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 7,44 |
| Heating capacity (2) | kW | 8,10 |
| Absorbed power in cooling mode (1) | W | 2.431 |
| Absorbed power in heating mode (2) | W | 2.358 |
| Nominal absorption in cooling mode | A | 10,8 |
| Nominal absorption in heating mode | A | 10,6 |
| Annual energy consumption in cooling (1) | kWh | 1.215 |
| Dehumidification capacity | l/h | 2,9 |
| Cooling power range in cooling mode | W (max) | 2.987 |
| Heating power range in heating mode | W (max) | 2.812 |
| Absorbed power range cooling mode | A (max) | 13,5 |
| Absorbed power range heating mode | A (max) | 12,8 |
| E.E.R. | - | 3,06 |
| C.O.P. | - | 3,44 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH28EI+OS-SEAMH09EI+OS-SEAMH09EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 7,47 |
| Heating capacity (2) | kW | 8,44 |
| Absorbed power in cooling mode (1) | W | 2.482 |
| Absorbed power in heating mode (2) | W | 2.470 |
| Nominal absorption in cooling mode | A | 10,8 |
| Nominal absorption in heating mode | A | 10,7 |
| Annual energy consumption in cooling (1) | kWh | 1.241 |
| Dehumidification capacity | l/h | 3,1 |
| Cooling power range in cooling mode | W (max) | 2.893 |
| Heating power range in heating mode | W (max) | 2.875 |
| Absorbed power range cooling mode | A (max) | 12,9 |
| Absorbed power range heating mode | A (max) | 12,8 |
| E.E.R. | - | 3,01 |
| C.O.P. | - | 3,42 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH28EI+OS-SEAMH09EI+OS-SEAMH12EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 7,94 |
| Heating capacity (2) | kW | 8,91 |
| Absorbed power in cooling mode (1) | W | 2.589 |
| Absorbed power in heating mode (2) | W | 2.610 |
| Nominal absorption in cooling mode | A | 11,7 |
| Nominal absorption in heating mode | A | 11,7 |
| Annual energy consumption in cooling (1) | kWh | 1.294 |
| Dehumidification capacity | l/h | 3,3 |
| Cooling power range in cooling mode | W (max) | 3.006 |
| Heating power range in heating mode | W (max) | 3.088 |
| Absorbed power range cooling mode | A (max) | 13,5 |
| Absorbed power range heating mode | A (max) | 13,8 |
| E.E.R. | - | 3,07 |
| C.O.P. | - | 3,42 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH28EI+OS-SEAMH12EI+OS-SEAMH12EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 8,52 |
| Heating capacity (2) | kW | 9,30 |
| Absorbed power in cooling mode (1) | W | 2.818 |
| Absorbed power in heating mode (2) | W | 2.722 |
| Nominal absorption in cooling mode | A | 12,7 |
| Nominal absorption in heating mode | A | 12,1 |
| Annual energy consumption in cooling (1) | kWh | 1.409 |
| Dehumidification capacity | l/h | 3,3 |
| Cooling power range in cooling mode | W (max) | 3.342 |
| Heating power range in heating mode | W (max) | 3.296 |
| Absorbed power range cooling mode | A (max) | 14,8 |
| Absorbed power range heating mode | A (max) | 14,6 |
| E.E.R. | - | 3,02 |
| C.O.P. | - | 3,42 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH28EI+OS-SEAMH09EI+OS-SEAMH09EI+OS-SEAMH09EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 5,52 |
| Heating capacity (2) | kW | 9,36 |
| Absorbed power in cooling mode (1) | W | 1.788 |
| Absorbed power in heating mode (2) | W | 2.726 |
| Nominal absorption in cooling mode | A | 7,8 |
| Nominal absorption in heating mode | A | 11,9 |
| Annual energy consumption in cooling (1) | kWh | 894 |
| Dehumidification capacity | l/h | 4,1 |
| Cooling power range in cooling mode | W (max) | 3.288 |
| Heating power range in heating mode | W (max) | 3.307 |
| Absorbed power range cooling mode | A (max) | 14,8 |
| Absorbed power range heating mode | A (max) | 15,0 |
| E.E.R. | - | 3,09 |
| C.O.P. | - | 3,43 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |

Configuration OS-CEAMH28EI+OS-SEAMH09EI+OS-SEAMH09EI+OS-SEAMH09EI+OS-SEAMH12EI

| | | |
|------------------------------------------|---------|-------|
| Cooling capacity (1) | kW | 7,89 |
| Heating capacity (2) | kW | 9,34 |
| Absorbed power in cooling mode (1) | W | 2.557 |
| Absorbed power in heating mode (2) | W | 2.720 |
| Nominal absorption in cooling mode | A | 11,4 |
| Nominal absorption in heating mode | A | 12,0 |
| Annual energy consumption in cooling (1) | kWh | 1.278 |
| Dehumidification capacity | l/h | 4,1 |
| Cooling power range in cooling mode | W (max) | 3.288 |
| Heating power range in heating mode | W (max) | 3.307 |
| Absorbed power range cooling mode | A (max) | 14,8 |
| Absorbed power range heating mode | A (max) | 15,0 |
| E.E.R. | - | 3,09 |
| C.O.P. | - | 3,43 |
| Energy efficiency class in cooling mode | - | B |
| Energy efficiency class in heating mode | - | B |



Big Inverter Commercial



Duct DC18HP - DC24HP
OS-C/SEDCH18EI
OS-C/SEDCH24EI



Cassette DC 18 HP Compact
OS-C/ SECCH18EI



Cassette DC 24 HP
OS-C/SECCH24EI



Floor Ceiling
OS-C/SEFCH18EI
OS-C/SEFCH24EI

Monosplit

Ducted climate control units with single indoor unit resolves most of the problems involved when there is limited space available. Available in the Monosplit version with Inverter technology, these units are able to modulate the power, which translates into energy savings.



Accessories

- Plenum air delivery standard on mod. 18EI and 24EI.
- Condensate discharge to the right and left.
- Gas hose connections and electrical control panel on the same side.
- Reduced depth of indoor unit mod. 12EI=225 mm; 18EI and 24EI=300 mm.
- Air intake filter, optional.
- Air intake at back and side.

Low power consumption

When the unit is turned on, the inverters develop such power that the set temperature is reached very quickly. Once the desired temperature has been reached, the inverter maintains it, reducing power absorption to the barest minimum.

Wired and remote controls

The indoor unit operates with a wired control used to manage the entire climate control system. The controls can also be operated by an infrared remote control offered as an optional.

Silence

The capillary refrigeration circuit is located on the outdoor unit. This makes the indoor unit very quiet and suitable for office, shop and residential applications.

The cool air reaches all quarters

Specific for large spaces in business and professional facilities. To achieve this, it needs to be very powerful. And Big Inverter Commercial unleashes its power in two versions: 18 btu and 24 btu, for even larger areas. This power comes with efficiency, reliability and low impact. And all with exemplary silence.

Outdoor unit



Choice of the type of indoor unit

Besides serving several rooms with a single system, hooking up from two to four indoor units to the same outdoor unit, Multiflexi Inverter also lets you choose what indoor unit to set in the various rooms according to the space available and the position selected: the classic wall split model that is normally wall-mounted but which can also be ceiling-mounted, the Duct unit which comes in two versions, or the Four Way Cassette Compact.

Big Inverter Commercial

| | | DUCT DC 18 HP | DUCT DC 24 HP | CASSETTE DC 18 HP | CASSETTE DC 24 HP |
|--------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | OS-C/SEDCH18EI | OS-C/SEDCH24EI | OS-C/SECCH18EI | OS-C/SECCH24EI |
| Cooling power (1) | BTU/h | 17.000 | 21.000 | 17.000 | 21.000 |
| Cooling capacity (1) | KW | 4,98 | 6,16 | 4,98 | 6,16 |
| Heating capacity (2) | KW | 5,28 | 7,03 | 5,28 | 7,03 |
| Absorbed power in cooling mode (1) | W | 1.522 | 1.917 | 1.522 | 1.917 |
| Absorbed power in heating mode (2) | W | 1.461 | 1.948 | 1.461 | 1.948 |
| Nominal absorption in cooling mode (1) | A | 6,6 | 8,3 | 6,6 | 8,3 |
| Nominal absorption in heating mode (2) | A | 6,4 | 8,5 | 6,4 | 8,5 |
| Annual energy consumption in cooling mode (1) | kWh | 761,0 | 958,5 | 761,0 | 958,5 |
| Dehumidification capacity | l/h | 1,80 | 2,40 | 1,80 | 2,40 |
| Power supply | V-F-Hz | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 |
| Power supply min / max | V | 207/253 | 207/253 | 207/253 | 207/253 |
| Power absorption in cooling mode(3) | W | 2.500 | 2.700 | 2.500 | 2.700 |
| Power absorption in heating mode (4) | W | 2.500 | 2.700 | 2.500 | 2.700 |
| Maximum absorption in cooling mode (3) | A | 10,0 | 11,1 | 10,0 | 11,1 |
| Maximum absorption in heating mode (4) | A | 10,0 | 11,1 | 10,0 | 11,1 |
| Protection level (outdoor unit / indoor unit) | | IP24/IPX1 | IP24/IPX1 | IP24/IPX1 | IP24/IPX1 |
| Maximum operating pressure | MPa | 4,2 | 4,2 | 4,2 | 4,2 |
| EER | | 3,27 | 3,21 | 3,27 | 3,21 |
| COP | | 3,61 | 3,61 | 3,61 | 3,61 |
| Energy Efficiency Class in cooling mode | | A | A | A | A |
| Energy Efficiency Class in heating mode | | A | A | A | A |
| Indoor unit | | | | | |
| Air volum in cooling mode (max/med/min) | m ³ /h | 1.020/870/700 | 1.275/1.170/1.030 | 800/700/600 | 920/770/675 |
| Air volum in heating mode (max/med/min) | m ³ /h | 1.020/870/700 | 1.275/1.170/1.030 | 800/700/600 | 920/770/675 |
| Dimensions (W x H x D) | mm | 1.095 x 295 x 805 | 1.095 x 295 x 805 | 840 x 840 x 240 | 840 x 840 x 240 |
| Sound level (Sound pressure*) | db(A) min - max | 45/41/38 | 49/45/42 | 43/41/38 | 43/41/42 |
| Weight (without packing) | Kg | 38,0 | 38,0 | 38,0 | 38,0 |
| Outdoor unit | | | | | |
| Dimensions (W x H x D) | mm | 880 x 707 x 340 | 930 x 860 x 330 | 880 x 707 x 340 | 930 x 860 x 330 |
| Air flow rate (max) | m ³ /h | 2.400 | 3.000 | 2.400 | 3.000 |
| Sound level (Sound pressure*) | db(A) min - max | 56 | 55 | 56 | 55 |
| Weight (without packing) | Kg | 62,5 | 55,0 | 62,5 | 55,0 |
| Ventilation speed (Outdoor unit/Indoor unit) | | 3/1 | 3/1 | 3/1 | 3/1 |
| Ø Connection lines (liquid) | mm | 1/4/6,35 | 3/8/9,52 | 1/4/6,35 | 3/8/9,52 |
| Ø Connection lines (gas) | mm | 1/2/12,7 | 16 | 1/2/12,7 | 16 |
| Max connecting length | m | 25 | 30 | 25 | 30 |
| Max heith difference | m | 15 | 15 | 15 | 15 |
| Refrigerant Gas / charge | Type / kg | R410A/1,7 | R410A/2,2 | R410A/1,7 | R410A/2,2 |
| Additional load (above 8 m) | g/m | 30 | 30 | 30 | 30 |
| Power cable (N°Poles x section mmq) | | 3 x 1,5 | 3 x 1,5 | 3 x 1,5 | 3 x 1,5 |
| Connecting cable (N°Poles x section mmq) | | 3 x 1,0 | 3 x 1,0 | 3 x 1,0 | 3 x 1,0 |
| Maximum remote control range (distance / angle) | m / ° ∞ | 8/45∞ | 8/45∞ | 8/45∞ | 8/45∞ |
| Fuse | | 16A | 16A | 16A | 16A |
| Conformity mark | | CE | CE | CE | CE |

Big Inverter Commercial

FLOOR DC 18 HP

FLOOR DC 24 HP

OS-C/SEFCH18EI

OS-C/SEFCH24EI

| | | | |
|-----------------------------------------------------|-------------------|-----------------|-----------------|
| Cooling power (1) | BTU/h | 17.000 | 21.000 |
| Cooling capacity (1) | KW | 4,98 | 6,16 |
| Heating capacity (2) | KW | 5,28 | 7,03 |
| Absorbed power in cooling mode (1) | W | 1.522 | 1.917 |
| Absorbed power in heating mode (2) | W | 1.461 | 1.948 |
| Nominal absorption in cooling mode (1) | A | 6,6 | 8,3 |
| Nominal absorption in heating mode (2) | A | 6,4 | 8,5 |
| Annual energy consumption in cooling mode (1) | kWh | 761,0 | 958,5 |
| Dehumidification capacity | l/h | 1,80 | 2,40 |
| Power supply | V-F-Hz | 230-1-50 | 230-1-50 |
| Power supply min / max | V | 207/253 | 207/253 |
| Power absorption in cooling mode(3) | W | 2.500 | 2.700 |
| Power absorption in heating mode (4) | W | 2.500 | 2.700 |
| Maximum absorption in cooling mode (3) | A | 10,0 | 11,1 |
| Maximum absorption in heating mode (4) | A | 10,0 | 11,1 |
| Protection level (outdoor unit / indoor unit) | | IP24/IPX1 | IP24/IPX1 |
| Maximum operating pressure | MPa | 4,2 | 4,2 |
| EER | | 3,27 | 3,21 |
| COP | | 3,61 | 3,61 |
| Energy Efficiency Class in cooling mode | | A | A |
| Energy Efficiency Class in heating mode | | A | A |
| Indoor unit | | | |
| Air volum in cooling mode (max/med/min) | m ³ /h | 910/810/700 | 910/810/700 |
| Air volum in heating mode (max/med/min) | m ³ /h | 910/810/700 | 920/770/675 |
| Dimensions (W x H x D) | mm | 980 x 660 x 203 | 980 x 660 x 203 |
| Sound level (Sound pressure*) | db(A) min - max | 43/41/38 | 43/41/38 |
| Weight (without packing) | Kg | 29,0 | 29,0 |
| Outdoor unit | | | |
| Dimensions (W x H x D) | mm | 880 x 707 x 340 | 930 x 860 x 330 |
| Air flow rate (max) | m ³ /h | 2.400 | 3.000 |
| Sound level (Sound pressure*) | db(A) min - max | 56 | 55 |
| Weight (without packing) | Kg | 62,5 | 55,0 |
| Ventilation speed (Outdoor unit/Indoor unit) | | | |
| Ø Connection lines (liquid) | inch - mm | 1/4/6,35 | 3/8/9,52 |
| Ø Connection lines (gas) | inch - mm | 1/2/12,7 | 16 |
| Max connecting length | m | 25 | 30 |
| Max heith difference | m | 15 | 15 |
| Refrigerant Gas / charge | Type / kg | R410A/1,7 | R410A/2,2 |
| Additional load (above 8 m) | g/m | 30 | 30 |
| Power cable (N°Poles x section mmq) | | 3 x 1,5 | 3 x 1,5 |
| Connecting cable (N°Poles x section mmq) | | 3 x 1,0 | 3 x 1,0 |
| Maximum remote control range (distance / angle) | m / ° ∞ | 8/45∞ | 8/45∞ |
| Fuse | | 16A | 16A |
| Conformity mark | | CE | CE |

Operating temperatures

Maximum temp. in cooling mode
Minimum temp. in cooling mode
Maximum temp. in heating mode
Minimum temp. in heating mode

Indoor temperature

DB 32°C - WB 24°C
DB 17°C - WB 14°C
DB 27°C
DB 17°C

Outdoor temperature

DB 43°C - WB 26°C
DB 15°C
DB 15°C
DB -15°C

Testing conditions

(1) Test conditions for cooling power
(2) Test conditions for heating power
(3) High cooling load test conditions
(4) High heating load test conditions

Indoor temperature

DB 27°C - WB 19°C
DB 20°C - WB 15°C
DB 32°C - WB 24°C
DB 25°C

Outdoor temperature

DB 35°C - WB 24°C
DB 7°C - WB 6°C
DB 43°C - WB 32°C
DB 20°C - WB 17°C

Technical data refer to the norm EN 14511.

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



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The technical data and aesthetic characteristics can undergo change. Olimpia Splendid reserves the right to modify its products at any time and without prior notice.