



FINTEK

REDESIGN YOUR FEELINGS

air conditioners without external unit

NEW 2021



MADE IN ITALY

INTEGRATED HEAT PUMPS

A/A Class



All the air conditioners in this catalog are rated Class A for heating and cooling. They are certified by TÜV Rheinland

The installation of our integrated systems **does not require a technician with a F-GAS license nor a system maintenance booklet.** It requires only two holes in the wall.



SYDNEY E KYOTO

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OSLO

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3.0-4,2



3.0-3,5
DC INVERTER



PANAMA

pag. 08

SANTIAGO

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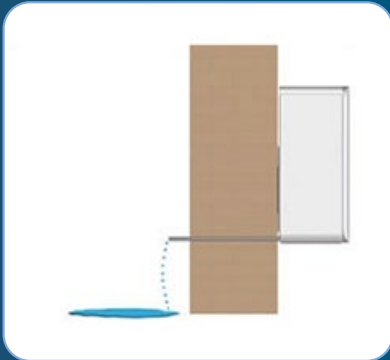
metropolis

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NO MORE CONDENSATE DRAINING

PATENTED SYSTEM

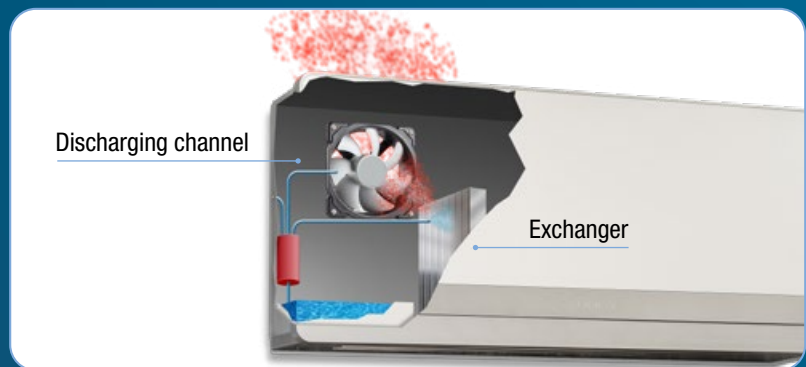
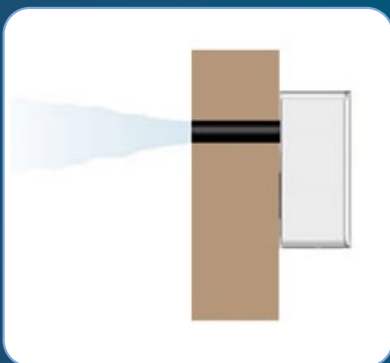
NEWS



NO MORE CONDENSATE DRAIN SYSTEM

Thanks to the patented Fintek systems you will no more have to make holes or add condensate drain pipes. During summer and winter, a smart sensor will be able to choose the best condensate discharge solution. You will only need to enjoy the benefits.

Optional system for any style in the catalogue, Windy and Window models excluded.



FINTEK PATENT

INVISIBLE GRIDS

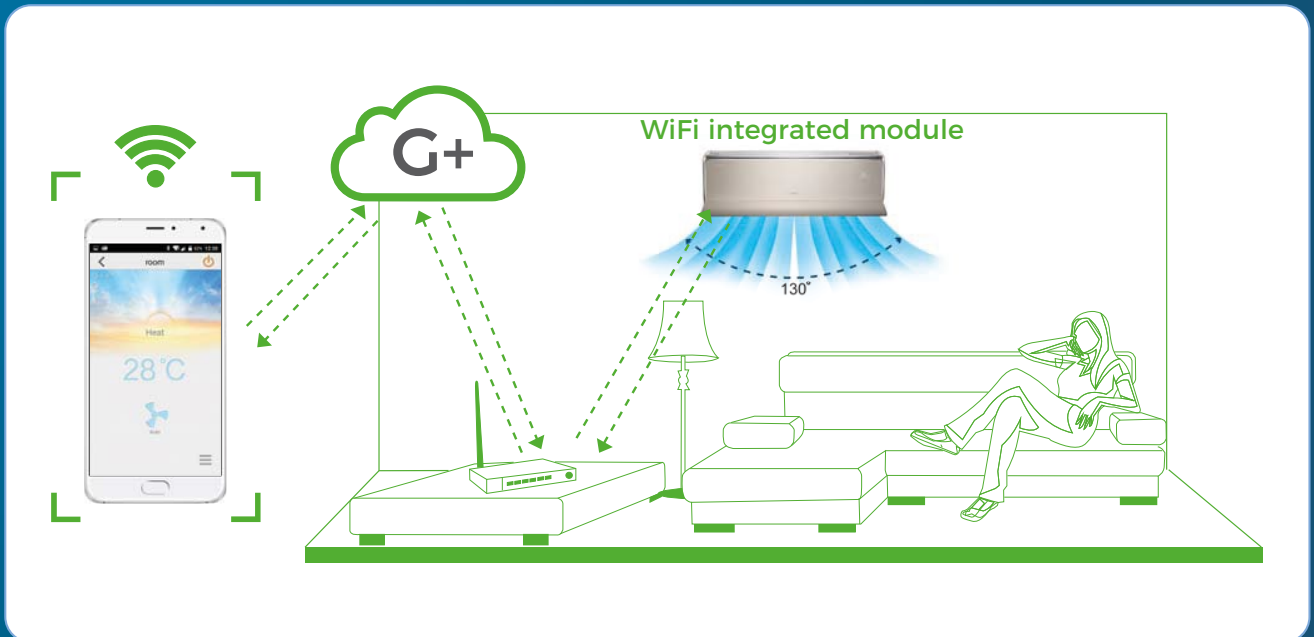
FINTEK PATENT

They are strongly requested to avoid even the smallest visual impact on the buildings. ABS plastic made and paintable those grids are available as optional for all styles except for METROPOLIS (already included) and SYDNEY and KYOTO (not available)



WIFI CONTROL

FINTEK PATENT

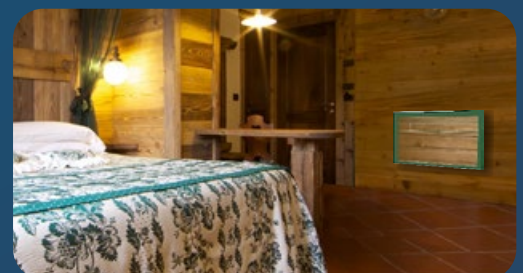
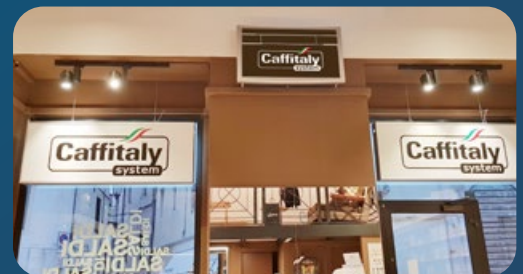
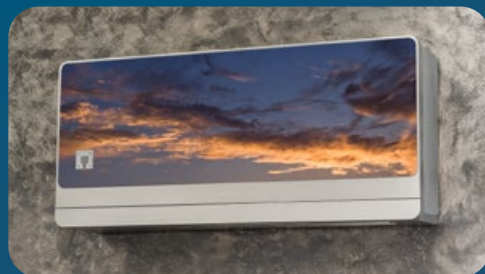


All units can be equipped with optional WiFi receiver apps. This means that with a simple APP for IOS or Android you can easily communicate – and/or manage – with your unit even from a remote position.

CUSTOMIZATIONS

FINTEK PATENT

We can customize your unit with our designs but we can also create your own print following your wishes. Your air conditioner will no longer be just an appliance but will become an exclusive element of your furniture.



SYDNEY E KYOTO

HIGH EFFICIENCY INTEGRATED HEAT PUMP WITHOUT CONDENSATE DRAINING*

The newest of our integrated systems is extremely compact (only 19 cm thick) and enables to reduce power consumption and increase performance in terms of COP and EER.

WALL INSTALLATION

Designed to be installed on a high wall, it looks like a traditional split system but it offers the advantage of being an all-in-one machine. The lower flaps are adjustable with the auto-lower function. They distribute the air optimally into the surrounding environment. In the management of big premises with centralized systems the chance of several bedrooms with the same requirements at the same time only occurs for short periods of the year. Using Sydney it is possible to have a high reduction in operating costs and a significantly easier use.



CUSTOMIZABLE

Sydney is completely customizable in the available colours and prints. See page "Some examples".



REDUCTION OF MAINTENANCE COSTS

Sydney is the ideal, low-cost, minimal option for bedrooms, studios, offices and non-conventional environments such as camping sites with bungalows or mobile homes where the maintenance pertains to their owner. Its maintenance requires only the cleaning of the filters which, if replaced regularly, guarantee a good air quality.

ANTIBACTERIAL AEMINA® FILTERS

Sydney combines an electrostatic, antibacterial and antiallergic filter against Legionella together with another titanium apatite filter with AEMINA® technology which captures the odors.

INNOVATIVE DESIGN

Thanks to its modern style, Sydney fits in any location. Moreover, the frontal panel can be customized with different colors to blend with the furniture.

SUITABLE FOR EVERY CLIMATE

Sydney provides the desired comfort all year round. The integrated heat pumps are the best option for bedrooms, studios, offices, camping sites and bungalows located both by the sea or in the mountain areas.



Easy installation

TWO HOLES, NO EXTERNAL UNIT



The installation is easy. You only need two holes in the lateral wall. The absence of the external unit is a great aesthetic advantage for the building façade. During the installation in extreme conditions, especially when external temperatures drop below 0 °C, it is recommended to connect the water draining system when using the heat pump function.



Cost reduction and eco-friendly

CLASS A COP AND EER

The fans with electronic engines and the high efficiency compressors allow to attain Class A COP and EER levels in compliance with the applicable regulations of maximum efficiency.



KYOTO

KYOTO

It guarantees an additional 1.6 kW power. It is ideal for all those areas where winter temperatures are constantly below 2°C or for environments where one needs a stable temperature of more than 19°C. Manual control.



OSLO 3.0 € 4.0

HIGH EFFICIENCY INTEGRATED HEAT PUMP

Model Oslo is available in two power versions to complement all housing needs. The Ec engines reduce power consumption and increase the EER and COP. A control panel on the machine, an integrating system for low temperatures and an internal air exchange system are just some of its main features. It is extremely compact (only 24 cm thick), it has an attractive design and several optional features.

WHEN AIR CONDITIONER IS UNEXPECTED CON THE ABSENCE OF AIR CONDITIONING

It usually occurs that, especially in flats located in historic centres as well as hotels, you can only find a heating system installed. During the short summer periods and in mid-seasons you need a quick air conditioning and heating spot system. For those instances Oslo represents the best solutions in terms of economical and technical aspects.



CUSTOMIZABLE

THE MOST POWERFUL
IN ITS CATEGORY

HISTORIC CENTRES

In historic centres urban regulations often dictate unaesthetic choices and lead to very high renovation costs. Oslo is the best way to bypass these necessities.

AIR CIRCULATION

The air intake ensures a constant air circulation of about 30-40 m³/h. This feature can not be found in traditional split machines. It is particularly convenient in bedrooms where the level of CO₂ tends to increase during sleeping hours.



HOTEL ROOMS

Hotel rooms may be unoccupied for several hours or necessitate different environment conditions to suit the demands of their guests. Oslo is the ideal option to solve this problem. In the shortest time it provides comfortable conditions of both temperature and humidity.



REMOTE CONTROL AND CONTROL PANEL

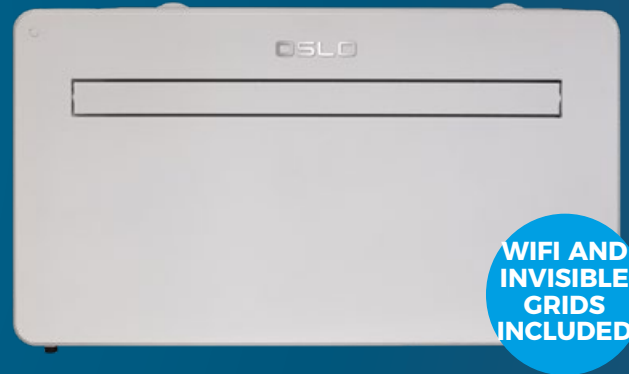
In addition to the remote control (only for Oslo 4.0), the control panel on the machine allows to set all functions, including a "block" function that prevents any unintentional command.

OSLO 3.0 E 3.5 DC INVERTER

HIGH EFFICIENCY MONOBLOC HEAT PUMP

High technology quality and reliability Easy installation and no impact on building facades.

Equipped with Refrigerant Gas R290, OSLO 3.0 and 3.5 it installs everything from the inside in a few minutes. The air conditioner is installed on the wall (top or bottom or with ground support), it is equipped with a wide flap for a homogeneous diffusion of the air in the room and a multi-filtering system composed of a filter electrostatic. (with anti-dust function) and activated carbon filter (effective against bad odours) The unit is equipped with backlit display with on-board touch controls and multi-function remote control with LCD display and wireless control already included with APP for iOS and Android. Thanks to the latest generation sound absorbing and anti-vibration materials OSLO is a machine that ensures the lowest noise levels in its class. The variable rpm compressor and the inverter control ensure a constant adaptation of the cold power depending on the thermal load in the environment. Thus energy savings are up to 30%.



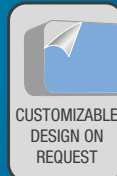
WIFI AND INVISIBLE GRIDS INCLUDED



FULL INVERTER

PLASTIC FREE

CUSTOMIZABLE



The new range of air conditioners without outdoor units in R32 – the perfect synthesis of technology, design and sustainability – has been made possible by continuous investment in innovation, creating a Italian production technology at the forefront of the management of this type of gas.

VERY SLIM DESIGN – PLASTIC FREE

OSLO has a 100% metal body, sturdy, solid and consistent and customizable in colors and design. In the project, the dimensions of the components have been reduced and optimized to include all the functions necessary for perfect operation within a functional design. The wide? Just 20 cm. A thickness that minimizes aesthetic impact, both inside and out.

OPTIMIZED POWER, LOW POWER CONSUMPTION AND NOISE

With DCI technology, the powers are optimized for maximum comfort with less consumption and noise, and thanks to the DCI you can use the maximum power to reach the required temperature in the lowest possible time. Once reached, OSLO automatically adjusts according to comfort.

In addition, the external grilles are foldable: they open when the machine is running and close when it is switched off to minimize dust, noise and pollution, maximizing well-being.

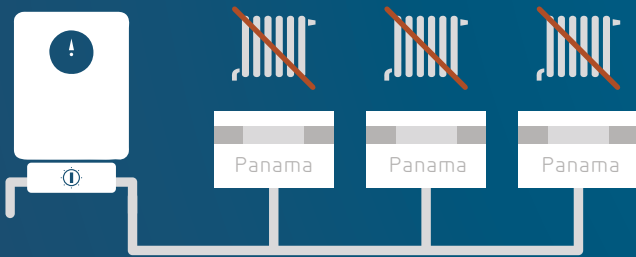


JUST 20 CM WIDE

PANAMA

INTEGRATED HEAT PUMP WITH WATER EXCHANGER

Panama is a thermal system without external unit designed to offer the maximum comfort in every season. Panama is ensured to work with outdoor temperatures ranging between -20° and 52°C . It is the ideal option in the areas of historical centres where laws prohibit traditional external units and in houses or buildings where the priorities are decor and simplicity.



HEATING PUMP OR RADIATOR

Panama can be used either as a heat pump or with the traditional radiator system. The two functions can be employed separately or at the same time. Since it does not need a refrigeration connection, Panama can be installed by anybody, even if they do not have a refrigerator technician's license.

IT REPLACES THE TRADITIONAL RADIATORS

Panama is recommended to replace the traditional radiators. It offers the advantages that in the same space there are both heating and cooling systems, of a fan coil connected to the heater and of a heat pump without external unit equipped with an invisible installation kit.

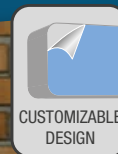


TWO IN ONE

Panama is an integrated system with a Class A heat pump and at the same time it is a water exchanger connected to a condensing or a biomass (pellet or wood) boiler.

EXTERNAL GRIDS: FLEXIBLE, CUSTOMIZABLE AND CONCEALABLE

Panama is equipped with flexible grids (colored upon request) that can be easily installed from inside and open only when the unit is functioning. When the machined is turned off they become flat against the wall and thus almost invisible.



SANTIAGO

DOUBLE DUCTED AIR CONDITIONER

SAVINGS AND LOW EMISSIONS

Ideal for cooling and heating any type of environment. Easy to assemble. Supplied with all necessary connectors. Remote control with LCD screen. Recommended for additional heating from -5°C . Santiago is synonymous with energy saving and low emissions. The monobloc air conditioners we supply are cheaper than conventional split units (savings of up to 1500 kWh per season) and much easier to install in terms of installation. Suitable for homes, hotels, monumental buildings, holiday homes, caravans, houseboats and many other applications.



COP
3,8
class
A+

EER
3,7
class
A++

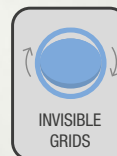
SANTIAGO

**FOR EXTREME
TEMPERATURES,
LIKE THE HEAT
OF THE DESERT
OR THE COLD POLAR.**

+52°

-30°

CUSTOMIZABLE



Metropolis is an inexpensive air conditioning system without external unit recommended for those buildings that must comply with the urban decorum. It ensures the best comfort also in conditions of extreme cold or heat. It does not have gas connections and is preloaded with ECO-GAS R410 during its production. It does not require a refrigerator certification and the included accessories allow a quick do-it-yourself installation.

It is an ideal and practical option to replace the "window" units installed inside housing containers



INVISIBLE GRIDS THAT CAN BE ENTIRELY VARNISHED (STANDARD)
They open and close automatically. When the machine is turned off they become flat against the wall and make the holes almost invisible. The draining of the condensation can take place through a few millimetre hole in the wall or through the air expulsion grid.

QUICK AND EASY INSTALLATION

Metropolis does not necessitate a refrigerator technician's license but just a 160 mm core drill, an electric drill and two fasteners.

EXTERNAL FLEXIBLE GRIDS (OPTIONAL)

The optional equipment of Metropolis includes two flexible grids that can be varnished and easily installed from inside the house without the support of a stair car.

REDUCED POWER CONSUMPTION IN EVERY SEASON

High efficiency when functioning with the traditional condensing boiler during particularly cold Winters. Metropolis' operational range is between -25° and 52° C (outdoor)



360° ADJUSTABLE AIR VENTS - OPTIONAL

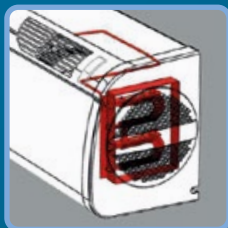
The additional air vents enable to direct the air stream in four directions, 360°. They are connected in front of the expulsion grid and allow to easily direct the air stream.





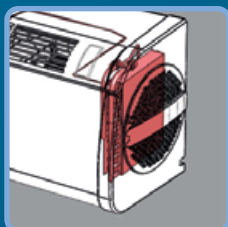
LOW VISUAL IMPACT

Metropolis is recommended for those locations that necessitate an alternative option to the encumbrance and visual impact of the traditional air conditioners – historic centres, listed buildings, housing containers.



ADDITIONAL 1000W COIL – OPTIONAL

It is recommended in order to ensure the functioning of the heating pump when the outdoor temperature drops many degrees under 0°. An optional that can be easily inserted after the installation.



IT REPLACES THE RADIATOR WITH A WATER EXCHANGER – OPTIONAL

Metropolis is a substitute of the traditional radiator fitting in its niche under the window. Thanks to its optional water exchanger it employs the hot water of the traditional heating system ensuring more than 2.0 kW extra heating power.

SINGLE OR NETWORK WALL-PAD – OPTIONAL

Intuitive and easy-to-use remote display through which it is possible to set the functions of a single unit or of a small group of units. The wall-pad can program a network of up to 50 units at a long distance (more than 50 mt). In case of need the area can be subdivided into several subzones.





DUST FILTER

The standard model is equipped with a washable dust filter. An optional electrostatic, Aemina activated carbon filter is available: antibacterial, antiallergenic and anti-Legionella.



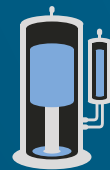
INNER LED DISPLAY

- Heat pump
- Summer cooling
- Ventilation
- Dehumidification
- FINTEK automatic functioning



EASY-TO-USE REMOTE CONTROL

Quick access to all the functions of the machine. Activation of the timer in either daily or weekly mode.



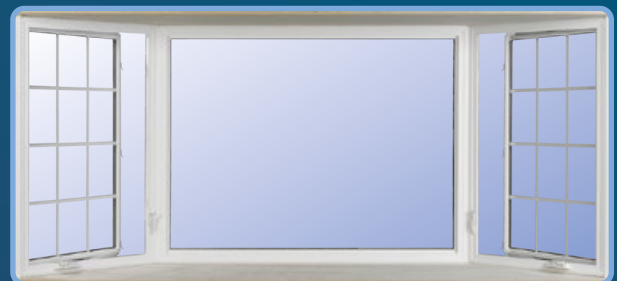
PANASONIC DC COMPRESSOR

Metropolis is equipped only with high-efficiency Panasonic rotary compressors of the latest class A+ generation which ensures low power consumption.



WINDOW CONTACTS/AUTORESTART

The machine's electronics is designed for window contact, a program that turns off the unit automatically when the doors or the windows are opened. When they are closed shut again the unit starts functioning as per the last programmed mode.



DETAIL CUSTOMIZATION

Metropolis' base model is made of Ral white ABS, but the possibility to customize its details has almost no limits.

Specifications



SYDNEY

KYOTO

Cooling power (kW)	2570	2570
Heating power (kW)	2,730	2,730
H2O exchange extra heating power (kW)	-	1,600
Power supply (V/Hz)	230 / 50	230 / 50
Electric power input in cooling mode (kW)	0,87	0,87
Electric power input in heating mode (kW)	0,87	0,87
Power consumption in stand-by mode (W)	<1	<1
Dehumidification (l/h)	1	1
Fan speed	3 + auto	3 + auto
Air intake (m ³ /h)	350	400
Noise level (dB)	30 - 35 - 39 - 42	30 - 35 - 39 - 42
Maximum inner sound pressure level (dB)	48	47
Maximum external sound pressure level (dB)	<55	<55
Cooling gas	R410-A / R32	R410-A / R32
Unit dimensions WxHxD (mm)	950 x 430 x 195	1010 x 430 x 195
Package dimensions WxHxD (mm)	1092 x 507 x 332	1092 x 507 x 332
Weight (kg)	38	41 / 46
Energy class in cooling mode	A	A
Energy class in heating mode	A	A
Power consumption per year (kWA)	307	-
Energy efficiency in cooling mode EERd	2,61	2,67
Energy efficiency in heating mode COPd	3,11	3,10
Wall holes diameter (mm)	200	200
Operational conditions	+43° / -8°	+43° / -8° (-25**)
WiFi Remote Control	opt	opt
Installation tool kit	included	included
Remote control with display	sì	sì
Certifications	CE - TUV - ROHS	CE - TUV - ROHS
No condensate drain system	opt	opt
Antibacterial AEMINA® Air Filter	YES	YES
Price excluding tax	2.350 €	2.600 €

All specifications are indicative and can be modified by the producer without notice.

Specifications



PANAMA



OSLO

	PANAMA	Oslo 3.0*	Oslo 4.2
Cooling power (kW)	2,632	2,932	4,156
Heating power (kW)	2,730	3,030	4,863
H2O exchange extra heating power (kW)	2,100	-	-
Power supply (V/Hz)	230 / 50	230 / 50	230 / 50
Electric power input in cooling mode (kW)	0,98	1,1	1,33
Electric power input in heating mode (kW)	0,88	0,97	1,34
Power consumption in stand-by mode (W)	<1	<1	<1
Dehumidification (l/h)	1,2	0,88	1,4
Fan speed	3 + auto	3 + auto	3 + auto
Air intake (m ³ /h)	400	410	590
Noise level (dB)	30 - 35 - 39 - 42	37 - 40 - 46	37 - 44 - 48
Maximum inner sound pressure level (dB)	47	<44	<50
Maximum external sound pressure level (dB)	<43	<43	<55
Cooling gas	R410-A	R410-A / R32	R410-A / R32
Unit dimensions WxHxD (mm)	1000 x 580 x 230	1000 x 580 x 245	1000 x 580 x 245
Package dimensions WxHxD (mm)	1235 x 660 x 342	1110 x 630 x 275	1110 x 630 x 275
Weight (kg)	41 / 46	44	45
Energy class in cooling mode	A	A	A+
Energy class in heating mode	A	A	A
Power consumption per year (kWA)	-	340	470
Energy efficiency in cooling mode EERd	2,67	2,67	3,1
Energy efficiency in heating mode COPd	3,10	3,11	3,63
Wall holes diameter (mm)	162	160	160
Operational conditions	+43° / -8° (-25°*)	+52° / -8°	+52° / -8°
WiFi Remote Control	opt.	opt.	opt.
Installation tool kit	Included	Included	Included
Remote control with display	Yes	si	si
Certifications	CE - TUV - ROHS	CE - TUV - ROHS	CE - TUV - ROHS
No condensate drain system	opt	opt	opt
Antibacterial AEMINA® Air Filter	Yes	Yes	Yes
Price excluding taxes	2.400 €	2.100 €	2.600 €

*Upon request

All specifications are indicative and can be modified by the producer without notice.

Specifications



OSLO 3.0 € 3.5
DC INVERTER

	OSLO 3.0 DCI	OSLO 3.5 DCI
Cooling power (kW)	1,75 - 2,6 - 2,93	1,9 - 3,2 - 3,5
Heating power (kW)	1,75 - 2,5 - 2,87	1,5 - 3,0 - 3,2
H2O exchange extra heating power (kW)	1	1
Power supply (V/Hz)	230 / 50 / 1	230 / 50 / 1
Electric power input in cooling mode (kW)	0,8	1,03
Electric power input in heating mode (kW)	0,745	0,98
Power consumption in stand-by mode (W)	<1	<1
Dehumidification (l/h)	1	1,3
Fan speed	3 + auto DC	3 + auto DC
Air intake (m ³ /h)	500	600
Noise level (dB)	<58	< 58
Maximum inner sound pressure level (dB)	26-31	26-31
Maximum external sound pressure level (dB)	<44	<45
Cooling gas	R290	R290
Unit dimensions WxHxD (mm)	1000 x 575 x 200	1000 x 575 x 200
Package dimensions WxHxD (mm)	1120 x 657 x 355	1120 x 657 x 355
Weight (kg)	44	45
Energy class in cooling mode	A+	A+
Energy class in heating mode	A+	A
Power consumption per year (kWA)	340	470
Energy efficiency in cooling mode EERd	3,25	3,1
Energy efficiency in heating mode COPd	3,35	3,1
Wall holes diameter (mm)	200	200
Operational conditions	+52° / -15°	+52° / -15°
WiFi Remote Control	incluso	incluso
Installation tool kit	inclusi	inclusi
Remote control with display	sì	sì
Certifications	CE - TUV - ROHS	CE - TUV - ROHS
No condensate drain system	opt	opt
Antibacterial AEMINA® Air Filter	Sì	Sì
Price excluding taxes	2.600 €	2.800 €

*Upon request

All specifications are indicative and can be modified by the producer without notice.

Specifications



SANTIAGO

Santiago

Cooling power (kW)	3,48
Heating power (kW)	5,18**
Extra heating with PTC (kW)	2
Power supply (V/Hz)	230 / 50
Electric power input in cooling mode (kW)	0,92
Electric power input in heating mode (kW)	0,79 + 2
Power consumption in stand-by mode (W)	<1
Dehumidification (l/h)	1,4
Fan speed	3 + auto
Air intake (m ³ /h)	450
Noise level (dB)	29-31-39-46
Maximum inner sound pressure level (dB)	>43
Maximum external sound pressure level (dB)	<55
Cooling gas	R410-A / R32
Unit dimensions WxHxD (mm)	1110 x580 x 245
Package dimensions WxHxD (mm)	1110 x 630 x 275
Weight (kg)	45
Energy class in cooling mode	A++
Energy class in heating mode	A+
Power consumption per year (kWA)	320
Energy efficiency in cooling mode EERd	3,78
Energy efficiency in heating mode COPd	3,8
Wall holes diameter (mm)	160
Operational conditions	+52° / -8° (-30°)
WiFi Remote Control	opt.
Installation tool kit	compresi
Remote control with display	YES
Certifications	CE - TUV - ROHS
No condensate drain system	opt
Antibacterial AEMINA® Air Filter	YES
Price excluding taxes	2.990 €

* On request - ** 3,18kw in H.P. + 2kw summable or partial electrical at temperatures from UNI EN 14511
All specifications are indicative and can be modified by the producer without notice.

Specifications



metropolitan

	10HP	12HP+R
Cooling power (kW)	2,454	2,900
Heating power (kW)	2,400	2,900+1000
H2O exchange extra heating power (kW)	1,000 (optional)	1,000 (optional)
Power supply (V/Hz)	230 / 50	230 / 50
Electric power input in cooling mode (kW)	0,92	1,111
Electric power input in heating mode (kW)	0,774	0,935
Power consumption in stand-by mode (W)	<0.01	<0.01
Dehumidification (l/h)	0,68	0,78
Fan speed	3 + auto	3 + auto
Air intake (m ³ /h)	400	400
Inner sound pressure level (dB)	24* – 32 – 39 – 43	24* – 33 – 39 – 43
External sound pressure level (dB)	43 – 50 – 52	43 – 50 – 52
Cooling gas	R410-A	R410-A
Unit dimensions WxHxD (mm)	840 x 430 x 330	840 x 430 x 330
Package dimensions WxHxD (mm)	956 x 532 x 400	956 x 532 x 400
Weight (kg)	41 / 46	42 / 47
Energy class in cooling mode	A	A
Energy class in heating mode	A	A
Energy efficiency in cooling mode EERd	2,66	2,68
Energy efficiency in heating mode COPd	3,10	3,10
Wall holes diameter (mm)	162	162
Operating conditions	+52/(-15°/-25°)***	+52/(-15°/-25°)***
WiFi Remote Control	opt	opt
Installation tool kit	Included	Included
Remote control with display	Yes	Yes
Certifications	CE – TUV – ROHS	CE – TUV – ROHS
No condensate drain system	opt	opt
Antibacterial AEMINA® Air Filter	Yes	Yes
Price excluding taxes	1.800 €	2.100 €

*Noise tests conducted inside a semi-anechoic chamber with a 2,5 mt mechanical ventilation.

**Totally sealed machine containing green fluorinated gas.

***Functioning at -25°C is only possible with an optional water exchanger.

All specifications are indicative and can be modified by the producer without further notice.



Watch the video presentations of
our air conditioners and much
more on our YouTube channel

<http://bit.ly/fintekvideo>



FINTEK
REDESIGN YOUR FEELINGS

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