

FINTEK

REDESIGN YOUR FEELINGS



air conditioners without external unit

NEW



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.

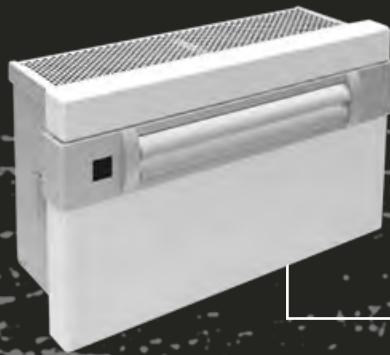


SYDNEY
E KYOTO

OSLO



PANAMA



metropolis



NO MORE CONDENSATE DRAINING

PATENTED SYSTEM

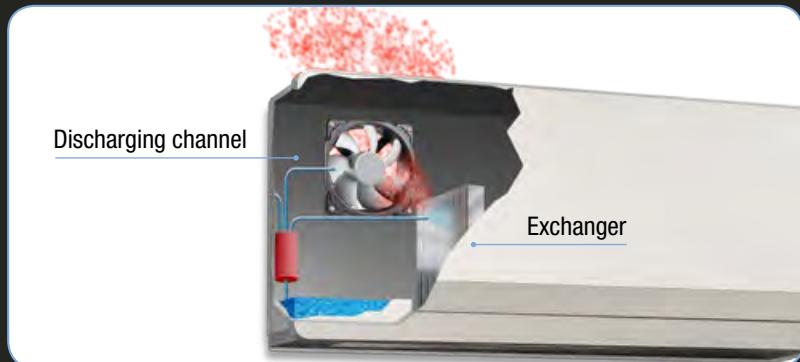
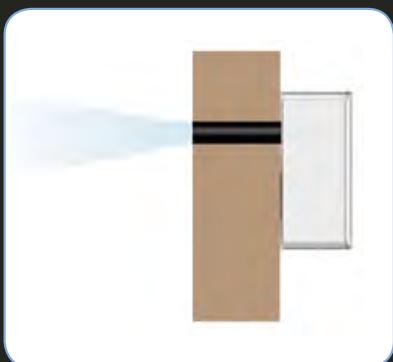
NEWS
2019



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

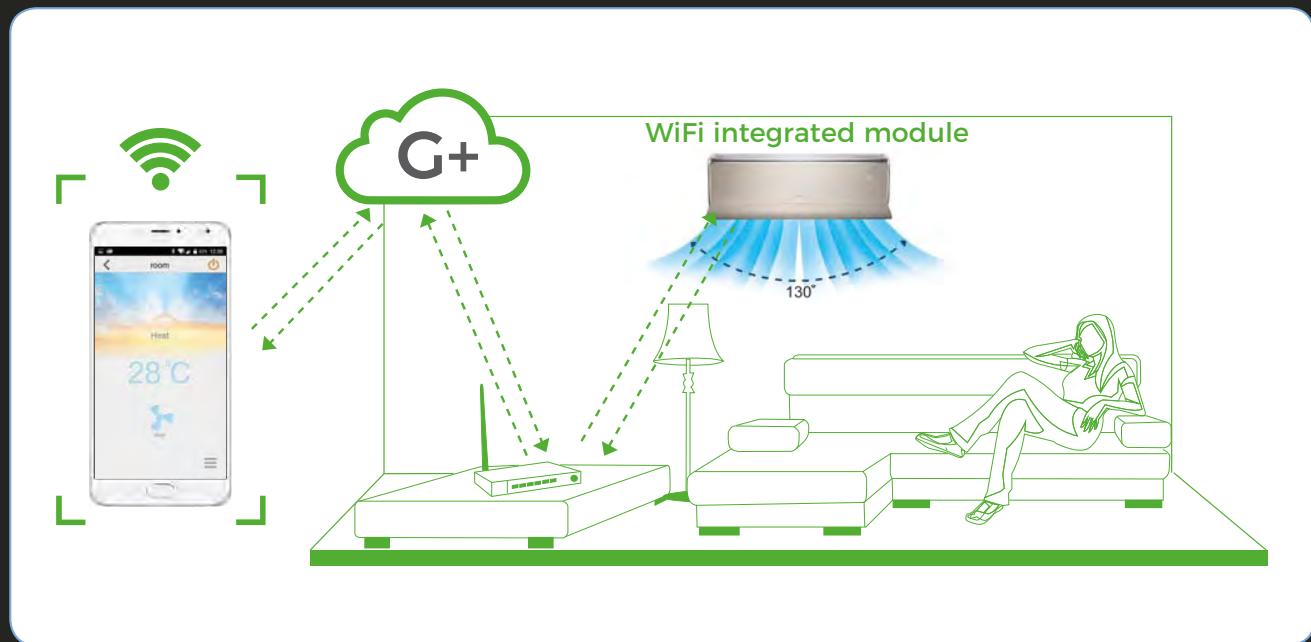
FINTEK PATENT

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.



SYDNEY

Easy installation

TWO HOLES, NO EXTERNAL UNIT



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.



Tax incentives

50% TAX DEDUCTION

The installation of the (HP) models of heating pumps enables to claim a 50% tax deduction in accordance with DL of 4 June 2013 (converted into Law no. 90 of 3 August 2013) and its subsequent extensions as per the 2016 Stability Law extended to 2019



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 E 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.

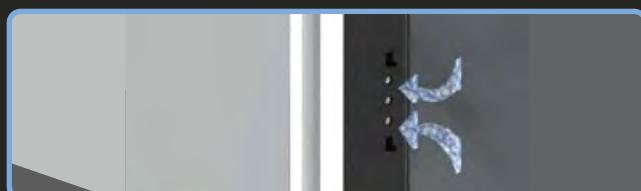


HISTORIC CENTRES

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.



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.



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.

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 machine is turned off they become flat against the wall and thus almost invisible.



NO CONDENSATE DRAIN PIPE



WIFI CONTROL



INVISIBLE GRIDS



CUSTOMIZABLE DESIGN



It consists of a single internal unit and does away with the downsides of the split: installation costs, degradation of the buildings, necessary tenants' approvals.

THE REAL REVOLUTION IS SIMPLICITY

Easy to install and to employ: two features that allow anybody to use Windy for every necessity in offices, professional studios, medical practices, vacation homes, apartments in historical centres, camping vans, computer centres, residential compounds, etc...

There's nothing so small and so powerful



In just 56 cm an air conditioning unit with a heat pump that fits in all locations with small niches or spaces of a small size.

PROGRAMMABLE SWITCH ON AND OFF

The built-in timer enables to program the desired time for the air conditioner to switch on or off automatically.

AUTORESTART

When the electricity is restored after a power cut all the functions that have been previously memorized and programmed are retrieved automatically. Thus

the air conditioner starts functioning as before the power cut.

SELF-CHECK FUNCTION

In case of a breakdown or a malfunction of the air conditioner the self-check system detects the cause and emits an alarm signal in order to facilitate the intervention of the Technical Assistance Service.

One of a kind

JUST ONE HOLE, NO EXTERNAL UNIT

Windy is one of a kind. The absence of an external unit, its small size and the necessity of only one hole are an aesthetic advantage that makes the air conditioner almost invisible. Windy can be positioned either on a wall or on the floor.

Tax incentives

50% TAX DEDUCTION

The installation of the (HP) models of heating pumps enables to claim a 50% tax deduction in accordance with DL of 4 June 2013 (converted into Law no. 90 of 3 August 2013) and its subsequent extensions as per the 2016 Stability Law.

External split



Common system (two holes)



WINDY System



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

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

The standard 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

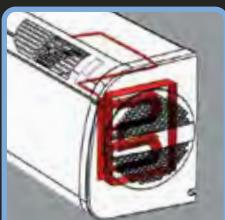
The additional air vents enable to direct the air stream in four directions, 360°. They are connected in front of the expulsion grid and allow to easily direct the air stream.





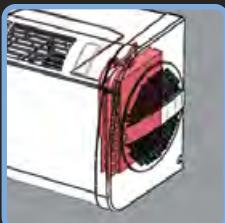
LOW VISUAL IMPACT

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, AE mina activated carbon filter is available: antibacterial, antiallergenic and anti-Legionella.



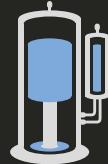
EASY-TO-USE REMOTE CONTROL

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



INNER LED DISPLAY

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



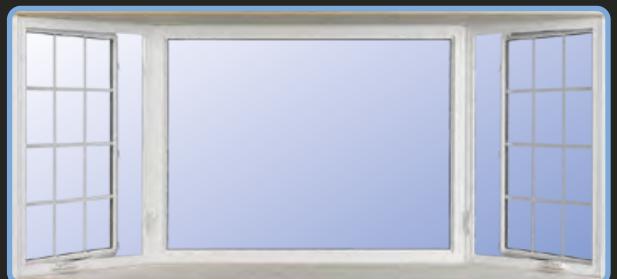
PANASONIC DC COMPRESSOR

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)	2,270	2,330
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	<53
Cooling gas	R410-A (0,64 kg)	R410-A
Unit dimensions WxHxD (mm)	950 x 430 x 195	1000 x 430 x 195
Package dimensions WxHxD (mm)	1092 x 507 x 332	1135 x 507 x 332
Weight (kg)	38	41
Energy class in cooling mode	A	A
Energy class in heating mode	A	A
Power consumption per year (kW/a)	307	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	-8°	-8° / -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 tax	2.200 €	2.600 €

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

Specifications

			OSLO
	PANAMA	Oslo 3.0*	Oslo 4.0
Cooling power (kW)	2,632	2,932	3,480
Heating power (kW)	2,730	3,030	4,200
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	480
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 (0,64 kg)	R410-A (0,68 kg)
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 (kW/a)	-	340	470
Energy efficiency in cooling mode EERd	2,67	2,67	2,61
Energy efficiency in heating mode COPd	3,10	3,11	3,11
Wall holes diameter (mm)	162	160	160
Operational conditions	-8° / -25°*	-8°	-8°
WiFi Remote Control	opt.	opt.	opt.
Installation tool kit	Included	Included	Included
Remote control with display	Yes	Yes	Yes
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 €	2.499 €

*Upon request

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

Specifications



WINDY
GAMMA ON/OFF

	4 H.P. comfortsound	5 H.P. comfortsound
Volume (m ³)	73 - 78	88 - 95
Cooling power (kW)	2,436	3,352
Cooling power min - max (kW)	-	-
Heating power (kW)	2,534	3,474
Heating power min - max (kW)	-	-
Power supply (V/Hz)	230V / 50Hz	230V / 50Hz
Electric power input in cooling mode (kW)	0,890	1,170
Electric power input in heating mode (kW)	0,840	1,040
Dehumidification (l/h)	1,2	1,24
Air intake (m ³ /h)	330	490
Maximum inner sound pressure level (dB)	33 - 42	34 - 44
Cooling gas	R410-A	R410
Unit dimensions WxHxD (mm)	560 x 630 x 290	560 x 630 x 290
Weight (kg)	39	45
Energy class in cooling mode	A	A
Energy class in heating mode	A	A
Power consumption per year (kW/a)	445	585
Energy efficiency in cooling mode EER _d	2,73	2,86
Energy efficiency in heating mode COP _d	3,02	3,33
Wall holes diameter (mm)	152	200
Price excluding taxes	2.250 €	2.450 €

Performance tests are conducted in accordance with UNI-EN 14511 norms.

H.P. functioning is affected if the indoor temperature drops below 13°C.

Noise level may be affected by the surface onto which Windy is installed.

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

Specifications



metropolis

	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.

9000/12000 BTU window air conditioners

THE CHEAPEST OPTION FOR SPECIFIC ENVIRONMENTAL CONDITIONS



Fixed Speed Models

	WHR09A	WHR12A
Cooling power (kW)	2,640	3,520
Heating power (kW)	2,460	3,520
Unit dimensions WxHxD (mm)	452 x 550 x 346	600 x 560 x 380
EER / Energy class	2,52 / D	2,52 / D
COP / Energy class	2,72 / D	2,91 / D
Wall aperture WxH (mm)	462 x 356	610 x 390
Price excluding taxes	995 €	1,175 €

Inverter Models

	WFD 9 INV S.F.	WFD 12 INV S.F.
Cooling power (kW / Btu)	2,750 / 9377	3,700 / 12617
Unit dimensions WxHxD (mm)	560 x 375 x 710	600 x 428 x 700
SEER / Energy class	5,10 / A	5,10 / A
Wall aperture WxH (mm)	600 x 390	700 x 740
Price excluding taxes	1.800 €	2.000 €

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more on our YouTube channel

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