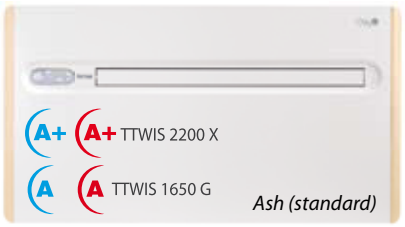
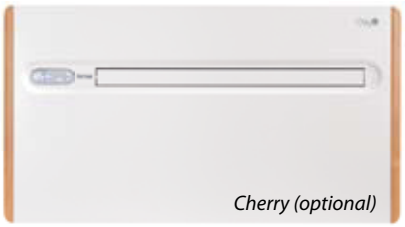
Heat pump without outdoor unit

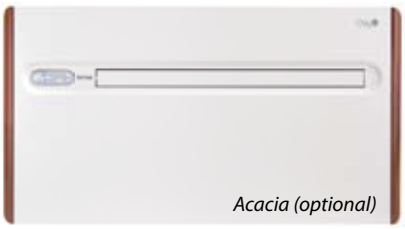
Only in

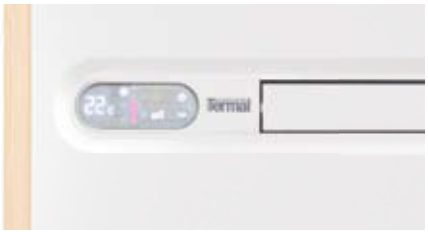
Air-conditioning in summer and heating in winter, has now become a need for many people. Often it is important to do so respecting the outside appearance of the buildings – as in the case of city centres – but not only. Today all this is possible, thanks to **Only in: the heat pump without outdoor unit** in the versions **Inverter and on/off**. The evaporator and the condenser – normally divided in the traditional split composed of two units - are gathered in only one body. The installation is quick and convenient and does not compromise the external appearance of the building. Moreover, the modern and essential design of Only in, fits into any interior design, for a new air-conditioning "without architectural barriers".

3 aesthetic solutions









Essential design

Aesthetically beautiful and unique **Only in**, it is only 17 cm deep. It can be installed in both top and bottom of the perimeter walls. The louver adjusts automatically the air outlet direction according to the installation type realized, by a simple touch on a button.

Silent

Thanks to the power adopted, to the internal layout and to the clever use of sound-proofing materials, **Only in** has allowed to obtain exceptionally low noise level: it is really difficult to distinguish it from a normal wall split.

Inverter for energy savings

Thanks to the adoption of DC Inverter technology, the consumption of **Only in** is absolutely reduced. Once the desired temperature has been reached, the appliances operate at minimum power, reducing the air outlet speed in the room: consequently, the consumption of electricity is cut down significantly.

Easy to install

Without outdoor unit, it can be easily installed on every perimeter wall, even without the intervention of a qualified refrigerator technician. You only have to drill two holes of 16,2 cm diameter on the wall, and you do not need to lay the pipes which normally connect the indoor and the outdoor units.

Harsh weather in the winter? *No frost* system is available

The condensate pan is constantly preheated, thus preventing the phenomenon of water icing during normal operation.

Reduced maintenance

Thanks to the "sealed" refrigerant circuit - therefore without refrigerant pipings - the maintenance is practically unnecessary.

Remote control & control panel on unit

Only in is equipped with a practical and functional remote control. Moreover, the unit is equipped with a control panel by which it is possible to carry out any setting, including the "LOCK" function, which locks the keyboard. From the control panel, you can also disable the 'heating' function: so **Only in** operates in "cooling only" mode and can be installed without condensate drain pipe.

Foldaway outdoor grilles

The swinging outdoor grilles open only when the unit is operating: this ensures a better indoor comfort since the entry of dust, noise and pollution is reduced.
The unit needs less maintenance and is less visible outside.
Only in can be installed anywhere. It represents the ideal solution for the buildings with particular architectural needs, allowing you to mount the air conditioner even where city planning or residents' restrictions prevent the installation of the traditional compressor.
The outdoor grilles can be painted with the colour of the building front, thus almost completely hiding the installation.

Technical data

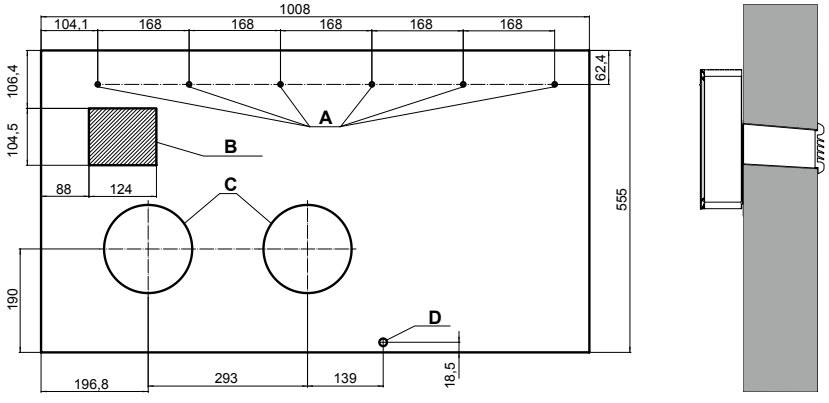
Model			TTWIS 1650 G	TTWIS 2200 X
Type			Single-block double duct - On-Off	Single-block double duct - DC Inverter
Control			Panel + Remote Control	Panel + Remote Control
Nominal Cooling capacity	Cooling.	kW	1.65	2.20
Nominal power input	PEER	kW	0.580	0.625
Annual energy consumption in Cooling mode		kWh/a	290	312.5
Nominal energy efficiency class	Cooling.	626/2011[1]	A	A+
Nominal energy efficiency index	Cooling.	EER[2]	2.84	3.52
Nominal Heating capacity	Heating.	kW	1.70	2.20
Nominal power input	PCOP	kW	0.545	0.593
Nominal energy efficiency class	Heating	626/2011[1]	A	A+
Nominal energy efficiency coefficient	Heating	COP[2]	3.12	3.71
Indoor operating range	Cooling.	°C	18~35	18~35
	Heating		5~27	5~27
Outdoor operating range	Cooling.	°C	-5~43	-5~43
	Heating		-10~24	-10~24
Dehumidifying capacity		Litres/h	0.80	1.12
Sound pressure level	High-Low	dB(A)	38-29	43-30
Electric data				
Power supply			220-240V~/50Hz/1P	220-240V~/50Hz/1P
MAX current input		A	3	3.4
Refrigerant circuit				
Refrigerant (GWP)[3] - Quantity			R410A (2088) - kg. 0.480	R410A (2088) - kg. 0.520
Fans				
Indoor fan speed		N.	3	3
Outdoor fan speed		N.	3	3
Air flow at Max speed indoor/outdoor		m³/h	360/430	440/560
Air flow at Medium speed indoor/outdoor		m³/h	300/360	330/390
Air flow at Min speed indoor/outdoor		m³/h	240/320	260/340
Installation				
Diameter of holes in the wall		mm	162	162
Distance between holes in the wall		mm	293	293
Specifications				
Dimensions	W x H x D	mm	1030 x 555 x 170	1010 x 555 x 170
Net weight		kg	46.00	49.00

1 Commission Delegated Regulation (UE) N.626/2011 with regard to energy labelling of air conditioners' energy consumption. 2 Value measured according to the harmonized rule EN14511. 3 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 2088. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 2088 times higher than 1 kg of CO2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the Product yourself, and always ask the Authorized Technical Service.

Technical information for installation

A Holes for wall anchors M8
B Area for electrical installation
C Holes for air ducts Ø162 mm
D Condensate drain hose Ø14 mm

Installation template, support bracket, pipes for holes and outdoor grilles are inside the packing.



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