



AIR CONDITIONERS WITHOUT OUTDOOR UNITS



INSIDE, the Inverter heat pump and on/off without an outdoor unit, ideal for old town centres; cools in summer and heats in winter.

The classic outdoor and indoor units, which are normally divided in traditional air conditioners, are combined in a single body.

HTWIS 2350 X1

NEW

HTWIS 1650 G



Adjustable air flow

INSIDE is characterised by clean, modern lines, has a depth of only 17 cm and can be installed either at the bottom and at the top of perimeter walls.

It is possible to adjust the orientation of the air outlet flap by simply pressing the corresponding button on the machine panel.



No frost system for harsh winter climates

The condensate drip tray is constantly preheated, thus preventing water from freezing during winter operation.



Easy installation, less maintenance

With no outdoor unit, it is easily installed on any perimeter wall, even without the aid of a qualified refrigeration installer. Just drill two 162 mm diameter holes in the wall without stretching the connecting cut to outdoor units. If INSIDE is to operate only in heating mode, it can be installed without a condensate drain pipe. With no refrigerant pipes, maintenance is practically non-existent.



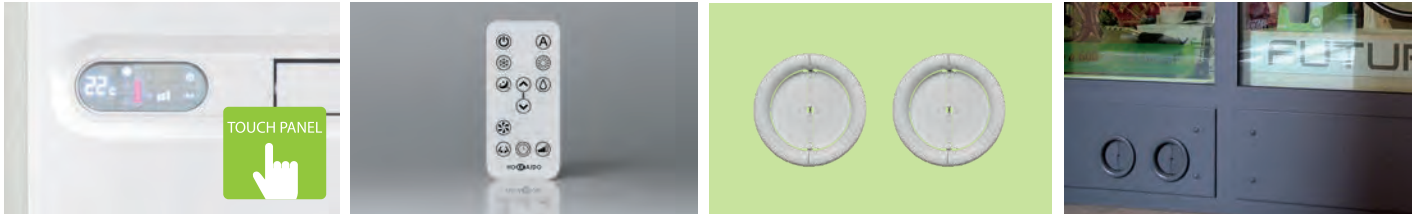
Silent operation

Who doesn't love a little peace and quiet? Thanks to the power used, the internal layout and the use of soundproofing materials, INSIDE achieves exceptional levels of quiet: it is difficult to distinguish it from a normal wall-mounted split unit. Because true well-being is being able to rest or sleep in a comfortable, noise-free environment.

SELECTED LINE



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Remote and on-board control

INSIDE comes standard with a practical, functional remote control. The desired settings can also be made on the machine, from a convenient control panel from which you can deactivate the 'heating' function and activate LOCK to lock the keypad.

With retractable outdoor grilles, ideal for old town centres

The external swinging grilles only open when the machine is in operation. This reduces the entry of dust, noise and pollution, requires less maintenance and is even less visible from the outside. INSIDE can be installed anywhere. It is an ideal solution for buildings with particular architectural requirements, as the air conditioner can be installed even where city or condominium restrictions prevent the installation of traditional outdoor units. The external grilles can be painted with the same colour as the façade to almost completely hide its installation.

NEW

Model	HTWIS 2350 X1		HTWIS 1650 G	
Type	Monobloc double duct DC-Inverter heat pump		Monobloc double duct Heat pump On-Off	
Control			Panel + Remote control	
Rated capacity (T=+35°C)	Cooling	kW	2.35	1.65
Rated capacity (OverFAN)* (T=+35°C)		kW	3.10	-
Rated absorbed power		kW	0.730	0.580
Annual energy consumption		kWh/a	365	290
Seasonal energy efficiency class		626/2011 ¹	A+	A
Rated energy efficiency coefficient		EER ²	3.22	2.84
Rated capacity (T=+7°C)	Heating	kW	2.36	1.70
Rated capacity (OverFAN)* (T=+7°C)		kW	3.05	-
Rated absorbed power		kW	0.720	0.545
Seasonal energy efficiency class (average season)		626/2011 ¹	A	A
Rated energy efficiency coefficient		COP ²	3.28	3.12
Operating limit (indoor environment)	Cooling	°C	18~32	18~32
	Heating		5~25	5~27
Operating limit (outdoor environment)	Cooling	°C	-5~43	-5~43
	Heating		-10~18	-10~24
Dehumidifying capacity		L/h	1.10	0.80
Sound pressure level (Hi/Lo)		dB(A)	41-27:	38-29:
Sound power level		dB(A)	58	53
Electrical data				
Power supply		Ph/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50
MAX absorbed current		A	3.4	3.0
Refrigerant circuit				
Refrigerant (GWP) ³			R410A (2088)	R410A (2088)
Quantity		Kg	0.62	0.48
Tons of CO2 equivalent			1.295	1.002
Fans				
Indoor fan speed		No.	3	3
Outdoor fan speed		No.	3	3
Air flow at Max indoor/outdoor speed		m ³ /h	400/480	360/430
Air flow at Medium indoor/outdoor speed		m ³ /h	320/390	300/360
Air flow at Minimum indoor/outdoor speed		m ³ /h	270/340	240/320
Installation				
Wall hole diameter		mm	162	162
Wall hole distance		mm	293	293
Specifications				
Dimensions	L x H x D	mm	1030 x 555 x 170	1030 x 555 x 170
Net weight		kg	41	46
Test conditions			Room temperature	
Cooling checks		DB 27°C - WB 19°C	Outdoor temperature	
Heating checks		DB 20°C - WB 15°C	DB 7°C - WB 6°C	

* With DUAL-POWER function on.

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 Value measured according to harmonised standard EN14511. 3 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 2088. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 2088 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.