



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)	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)	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	
	Heating	°C	5~25	
Operating limit (outdoor environment)	Cooling	°C	-5~43	
	Heating	°C	-10~18	
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		Outdoor temperature
Cooling checks		DB 27°C - WB 19°C		DB 35°C - WB 24°C
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.