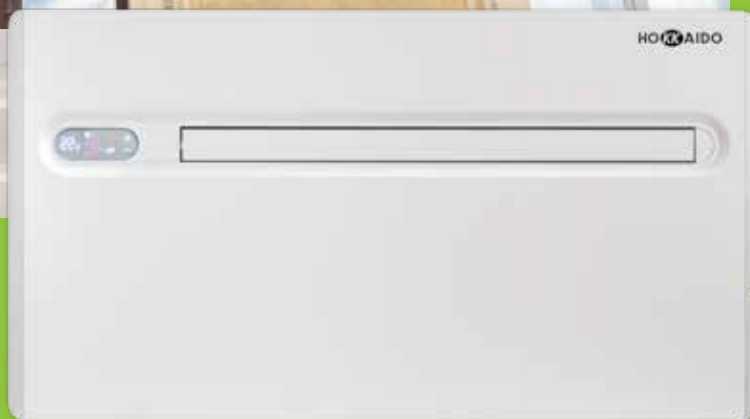


# AIR-CONDITIONER WITHOUT EXTERNAL UNIT



**INSIDE, the Inverter heat pump and on/off without outdoor unit**, ideal for historic centres, makes it possible to cool in summer and heat in winter.

In one body: the classic outdoor and indoor unit are joined, normally divided into traditional air conditioners.



HTWIS 2200 X-1

HTWIS 1650 G



### Adjustable air flow

INSIDE is characterised by clean, modern lines, is only 17 cm deep and can be installed both at the bottom and at the top on perimeter walls.

It is possible to adjust the orientation of the air outlet flap with a simple pressure on the appropriate button on the panel, on the machine.



### No frost system for harsh winter climates

The condensate collection tray is constantly preheated, thus preventing the phenomenon of water freezing during winter operation.



### Easy installation, reduced maintenance

Without an outdoor unit, it can be easily installed on any perimeter wall, even without the presence of a qualified refrigeration installer. Just make two holes of 162 mm in diameter in the wall without stretching the connection channel with external units. If INSIDE should only work in heating mode, it can be installed without a condensate drain hose. In the absence of refrigeration pipes, maintenance is practically non-existent.

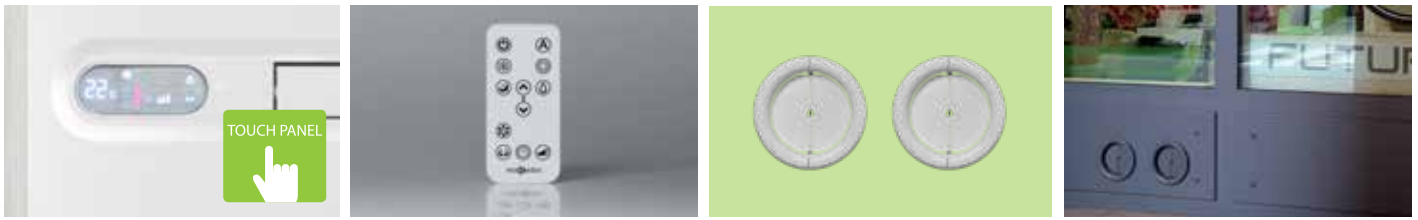


### Silent operation

And who doesn't appreciate the pleasure of silence?

Thanks to the power adopted, the internal layout and the wise use of soundproofing materials, exceptional levels of silence have been achieved with INSIDE: it is really difficult to distinguish it from a normal split wall appliance. Because real well-being is being able to rest or sleep in a comfortable, noise-free environment.

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### Remote and on-board control

INSIDE is provided as standard with a practical, functional remote control. In addition, the desired settings can also be set on the machine, from a convenient control panel from which the 'heating' function can be deactivated and LOCK activated to lock the keypad.

### Ideal for historic centres with retractable outdoor grills

The external tilting grills open only when the machine is in operation; this reduces the entry of dust, noise and pollution, less maintenance, even less visibility to 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 outer grills can be painted with the same colour as the façade to almost completely hide its installation.

Model			HTWIS 2200 X-1	HTWIS 1650 G
Type			Monobloc Double duct DC-Inverter heat pump	Monobloc Double duct Heat pump On-Off
Control			Panel + Remote control	Panel + Remote control
Rated cooling power	Cool.	kW	2.20	1.65
Cooling power (OverFAN)	*	kW	3.10	
Rated absorbed power	PEER	kW	0.625	0.580
Annual energy consumption Cooling		kWh/a	312.5	290
Rated energy efficiency class	Cool.	626/2011 <sup>1</sup>	A+	A
Rated energy efficiency index	Cool.	EER <sup>2</sup>	3.52	2.84
Rated Heating power	Heat.	kW	2.20	1.70
Heating power (OverFAN)	*	kW	3.05	
Rated absorbed power	PCOP	kW	0.593	0.545
Rated energy efficiency class	Heat.	626/2011 <sup>1</sup>	A+	A
Rated energy efficiency coefficient	Heat.	COP <sup>2</sup>	3.71	3.12
Operating limit (indoor environment)	Cool.	°C	18~35	18~35
	Heat.		5~27	5~27
Operating limit (outdoor environment)	Cool.	°C	-5~43	-5~43
	Heat.		-10~24	-10~24
Dehumidifying capacity		L/h	1.12	0.80
Sound pressure level (1 m of distance and 1.5 m height)	H-L	dB(A)	41-27	38-29
Sound power level	LWA	dB(A)	55	53
<b>Electrical data</b>				
Power			220-240V~/50Hz/1P	220-240V~/50Hz/1P
MAX absorbed current		A	3.4	3
<b>Refrigerant circuit</b>				
Refrigerant (GWP) <sup>3</sup> - Quantity			R410A (2088) - Kg. 0.520	R410A (2088) - Kg. 0.480
<b>Fans</b>				
Indoor fan speed		no.	4	3
Outdoor fan speed		no.	4	3
Air flow at Max indoor/outdoor speed		m <sup>3</sup> /h	440/560	360/430
Air flow at Medium indoor/outdoor speed		m <sup>3</sup> /h	330/390	300/360
Air flow at Minimum indoor/outdoor speed		m <sup>3</sup> /h	260/340	240/320
<b>Installation</b>				
Wall hole diameter		mm	162	162
Wall hole distance		mm	293	293
<b>Specifications</b>				
Dimensions	L x H x D	mm	1030 x 555 x 170	1030 x 555 x 170
Net weight		kg	48.50	46.00
<b>Optional accessories</b>				
Aesthetic KIT for lower side cover			TWIS 2200 CINF	
<b>Test conditions</b>			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 EU Regulation No.206/2012 - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 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 CO<sub>2</sub>, 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.