

HITACHI

airHome 200

The **air-to-air** heat pump
that delivers comfort with
ultimate simplicity



SINGLE SPLIT WALL-MOUNTED RANGE

2 TO 5 KW



Bosch Home Comfort Group
www.hitachiaircon.com

Cooling & Heating

airHome 200, the perfect combination of simplicity & effectiveness

Created for your comfort



Comfortable all year round

In winter as well as summer, **airHome 200** provides an ideal climate in all your rooms, whether your home is on two or more floors.



Instantaneously refreshing

An airflow of up to 610m³/h* for more comfort, cooling power and speed.

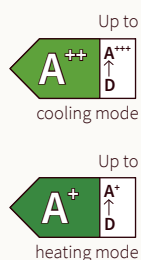
*Up to 5 kW.



Performance and cost-savings

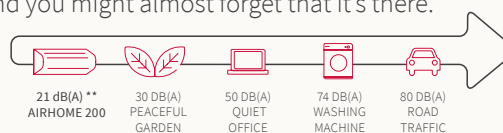
The **airHome 200** range possesses levels of refreshment performance of up to A++ and A+ in terms of heating.

This enables you to make energy savings.



Always uniformly quiet

With an operational sound level from 21(A), **airHome 200** will blend into your home perfectly and you might almost forget that it's there.



**21dB(A) sound pressure at low air velocity, 1 meter from the unit in open air, depending on model.



How does an air/air heat pump work?



In **winter**, the ambient energy outside is transferred inside to heat your home.



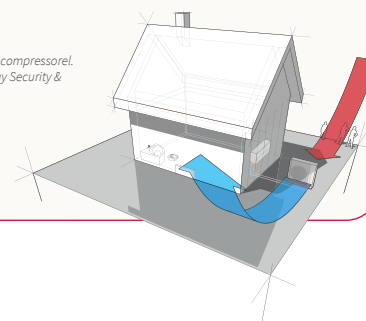
In **summer**, the heat inside is expelled outside.

Inverter Technology:



Adaptation of **power** according to need for a reduction in energy consumption of up to 30%**

** compared to a traditional compressor.
Source: Department of Energy Security & Net Zero



Elegant design for perfect integration



Created for your interior space: with its elegant design and curved lines, **airHome 200** blends perfectly into your home.



Ultra-compact: thanks to its 78 cm width across the entire range, **airHome 200** is easy to install. You can simply place it above a door.

A modern remote control that is accessible to everyone!

Ref.: RC-AGL1IA0E

Basic Functions

- Mode selection

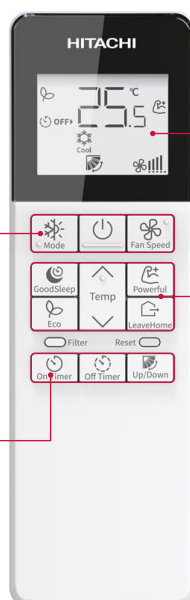


- On/Off Button

- **Fan Speed:** select the fan speed

- **On/Off Timer:** programming of the unit

- **Up/Down:** control of the air flow angle



LED screen

with clear icons and white backlighting

Advanced Functions

- **Powerful:** boosts for faster cooling or heating

- **GoodSleep:** adjusted temperature and lower fan speed during sleep

- **Eco:** optimized consumption

- **LeaveHome:** stable temperature during prolonged absences

Control made easy (as an option)

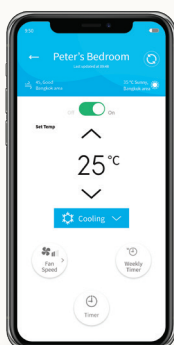
Via the airCloud Go application

WiFi available as an option.

The gateway can be added at extra cost, Ref.: SPX-WFG03 (the gateway can be integrated directly into the indoor unit)

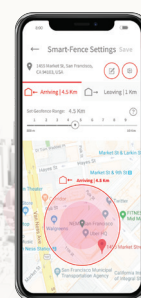
Remote control of your **airHome 200** via smartphone, tablet, PC, but also by voice control with your smart speaker via Google Home or Amazon Alexa.

- ✓ Temperature and ventilation management
- ✓ Weekly program
- ✓ Holiday mode



Georeferencing**

airHome 200 adjusts its mode automatically within a perimeter defined by the user, when you leave or return to your home, thanks to GPS on your smartphone



** Optional function that can be deactivated on your smartphone.

airHome 200

Preliminary data

MODELS	UNIT	2.0 kW	2.5 kW	3.5 kW	5.0 kW
COOLING PERFORMANCE					
Nominal capacity (min - max)	kW	2.00 (0.90 - 2.50)	2.40 (0.90 - 3.10)	3.20 (0.90 - 4.00)	4.60 (1.90 - 5.20)
EER	-	3.45	3.23	3.23	2.60
Energy class (D to A+++)	-	A++			
SEER (average climate)	-	6.80	6.80	6.60	6.10
Operating range	°C	-10°C / +46°C			
HEATING PERFORMANCE					
Nominal capacity (min - max)	kW	2.50 (0.90 - 3.20)	2.80 (0.90 - 3.80)	3.90 (0.90 - 5.00)	5.60 (2.20 - 6.50)
Heating at -7°C ⁽¹⁾	kW	1.75	2.40	2.70	3.80
COP	-	3.90	3.71	3.71	3.40
Energy class (D to A+++)	-	A+			
SCOP (average climate)	-	4.00		4.20	4.00
Operating range	°C	-15°C / +24°C			
INDOOR UNITS		RAK-CJ20PHAE	RAK-CJ25PHAE	RAK-CJ35PHAE	RAK-CJ50PHAE
Sound pressure level in cooling mode (SL / L / M / H / SH) ⁽²⁾	dB(A)	21 / 24 / 29 / 33 / 37	21 / 25 / 30 / 36 / 40	21 / 27 / 35 / 39 / 43	28 / 33 / 38 / 42 / 46
Sound power level in cooling mode	dB(A)	51	54	57	60
Air flow rate in cooling mode (SL / L / M / H / SH) ⁽²⁾	m³/h	200 / 260 / 400 / 450 / 515	200 / 260 / 405 / 480 / 570	210 / 270 / 420 / 500 / 585	250 / 300 / 500 / 560 / 610
Dehumidification	l/h	1.2	1.4	1.6	2.0
Dimensions (H x W x D)	mm	280 x 780 x 222			
Net weight	kg	7.0		7.7	
OUTDOOR UNITS		RAC-CJ20WHAE	RAC-CJ25WHAE	RAC-CJ35WHAE	RAC-CJ50WHAE
Sound pressure level ⁽²⁾	dB(A)	45	47	48	50
Sound power level in cooling mode	dB(A)	59	61	62	64
Air flow rate (Cooling / Heating)	m³/h	1860 / 1620			2100 / 2100
Dimensions (H x W x D)	mm	530 x 660 x 278			570 x 750 x 288
Net weight	kg	21.2		22.6	31.5
Compressor	-	Rotary			2 Cylinder Rotary
REFRIGERATION CHARACTERISTICS					
Piping diameter (Liq / Gas)	inch	1/4" - 3/8"			
Drain diameter (ext)	mm	16			
Initial charge of refrigerant	kg	0.50		0.70	0.90
Pre-loaded for	m	20			
Min. pipe length	m	3			
Max. pipe length	m	20			
Max. difference in height (ODU above/ below)	m	10 / 10			
Refrigerant	-	R32			
ELECTRICAL CHARACTERISTICS					
Power supply	V/Ph/Hz	220-240V / 1Ph / 50Hz			
Running current (Cooling / Heating)	A	5.00 / 4.50	5.70 / 6.10	6.90 / 6.80	8.80 / 10.20
Cable section (EN 60 335-1)	mm²	1.50 x 2 + EARTH			
Interconnection between indoor unit and outdoor unit	mm²	1.50 x 3 + EARTH			

Supplied with infrared remote control

Data for certified models is listed in the Eurovent Directory.

⁽¹⁾Data including defrosting. For data specific to your project, please refer to our technical catalogs. ⁽²⁾ Sound pressure measurements were taken at a distance of 1 meter from the unit in an unobstructed field (see technical catalog).

Compatible controls & accessories



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Certification



The commercial warranties offered by Hitachi cover the parts that make up our machines. They apply subject to installation in accordance with our technical specifications and are contingent upon regular maintenance of the equipment by qualified personnel. The frequency of maintenance is related to the conditions of use of the equipment and the applicable legislation. Consult your installer for advice.