

airHome 600

The 3-in-1 smart air
conditioner:
heating, cooling & air quality



SINGLE SPLIT WALL-MOUNTED RANGE

FROM 2 TO 7 kW



HITACHI

EUROPEAN
PRODUCT
DESIGN
AWARD



Inspired by you, **airHome** 600 purifies your indoor environment

Comfortable all year round

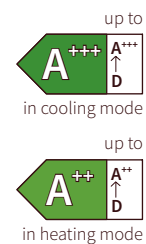
In winter as well as summer, even in extreme temperatures, **airHome 600 ensures an ideal atmosphere in every room**, whether your home is multi-story or single-story.

Performance and energy savings

Energy savings throughout the year, thanks to its **A++** in heating & cooling. It will help you save energy all year round.

SEER
COOLING
up to 8.50

SCOP
HEATING
up to 4.90

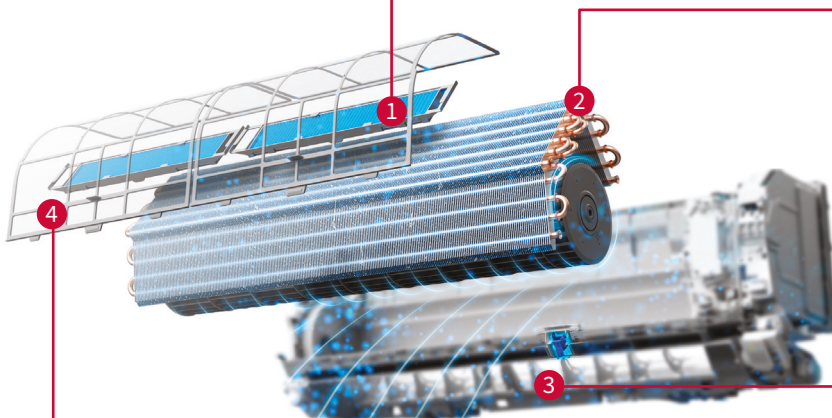


Designed to improve the air quality in your home

**An healthy air in your home
thanks to 4 air treatment features**

ANTI-VIRUS FILTER*

Distributes clean & healthy air !



MOLD GUARD FUNCTION

Protects against mold & mildew

Preventive drying of the heat exchanger for uncompromising cleanliness thanks to the removal of moisture, thus preventing the formation of mold (active drying for up to 100 minutes)

FROSTWASH TECHNOLOGY**

Thanks to the FrostWash* technology, a selfcleaning of the exchanger is performed and the impurities accumulated over time are captured and eliminated. It guarantees the long-term performance.

AQTIV ION IONIZER

Eliminates pollutants*

The Aqtiv Ion ionizer releases negative ions into the air, which neutralize pollutants present in the room.

* Tests carried out in accordance with JIS L 1922:2024 by the Japan Textile Products Quality and Technology Center and the BOKEN Quality Evaluation Institute.

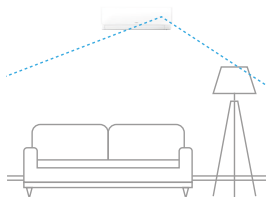
** Tests carried out by Kitasato Research Center for Environmental Science (test No. 2020-0650).

Intelligence at your service

+ of energy savings

Human Sensor:

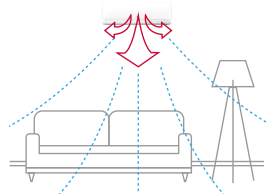
→ Detects your presence in the room and adjusts power and temperature



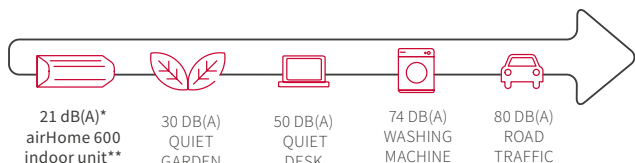
+ comfort in all the room

Horizontal and vertical movement:

→ For uniform airflow



+ silence



*Up to 5kW

** 21dB(A) sound pressure at low blow speed, at 1 meter from the unit in free field conditions, depending on the model.

Remote control with simplicity

Via airCloud Go app

Wi-Fi included as standard

airHome 600 is equipped with Wi-Fi as standard (*box included in the unit*) and can be controlled remotely via the airCloud Go application.

Compatible with Google Home & Amazon Alexa



Unique Geofencing**

airHome 600 automatically 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



Via its remote control with LED backlight

Included as standard (ref. : RC-AGS1EA0E)

Easy to use !

- Temperature and ventilation management
- Weekly program
- Holiday mode



How does an air-to-air heat pump work?



In **winter**, outside heat is transferred indoors to heat the home.

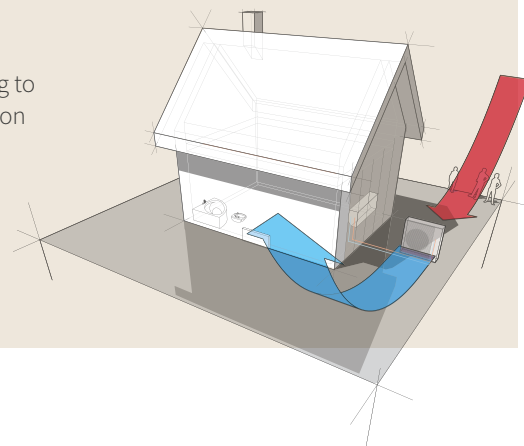


In **summer**, the heat inside the home is dissipated to the outside



Inverter technology:

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



** vs a traditional compressor. Quoted from ADEME, the French agency for Ecological Transition.

MODELS	UNIT	2.0 KW	2.5 KW	3.5 KW	4.2 KW	5.0 KW	6.0 KW	7.0 KW
COOLING PERFORMANCE								
Nominal capacity (min - max)	kW	2.00 (0.90 - 2.50)	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	4.20 (1.70 - 5.00)	5.00 (1.90 - 5.20)	6.00 (1.75 - 6.80)	7.10 (1.75 - 7.50)
EER	-	4.77	4.55	4.00	3.75	3.40	3.50	3.24
Energy class (D to A+++)	-	A+++			A++			
SEER (average climate)	-	8.50			7.50	7.35	7.00	
Operating range	°C	-10°C / +46°C						
HEATING PERFORMANCE								
Nominal capacity (min - max)	kW	2.50 (0.90 - 3.20)	3.40 (0.90 - 4.40)	4.20 (0.90 - 5.00)	5.40 (1.70 - 6.00)	6.00 (2.20 - 7.30)	7.00 (1.90 - 7.80)	8.00 (1.90 - 8.30)
Heating at -7°C ⁽¹⁾	kW	2.30	3.00	3.40	3.80	4.20	3.74	4.00
COP	-	4.82	4.64	4.20	4.10	3.85	3.80	3.72
Energy class (D to A+++)	-	A++						
SCOP (average climate)	-	4.90			4.60			
Operating range	°C	-15°C / +21°C						
INDOOR UNITS		RAK-VJ18RHAE	RAK-VJ25RHAE	RAK-VJ35RHAE	RAK-VJ42RHAE	RAK-VJ50RHAE	RAK-VJ60RHAE	RAK-VJ70RHAE
Sound pressure level in cooling mode (SL / L / M / H / SH) ⁽²⁾	dB(A)	21 / 24 / 33 / 35 / 37	22 / 24 / 33 / 38 / 40	25 / 26 / 36 / 41 / 43	25 / 28 / 39 / 44 / 46		32 / 36 / 42 / 45 / 47	32 / 36 / 42 / 45 / 48
Sound power level	dB(A)	51	54	57	60			63
Air flow rate in cooling mode (SL / L / M / H / SH)	m³/h	206 / 240 / 330 / 390 / 500	206 / 240 / 340 / 440 / 550	210 / 260 / 400 / 500 / 680	230 / 300 / 420 / 560 / 720	230 / 300 / 420 / 560 / 750	545 / 660 / 800 / 925 / 1050	573 / 690 / 830 / 950 / 1080
Dehumidification	l/h	1.2	1.4	1.6	1.8	2.0	2.8	4.8
Dimensions (H x W x D)	mm	280 x 780 x 227					294 x 1050 x 250	
Net weight	kg	8.6			8.8		12.5	
OUTDOOR UNITS		RAC-VJ18WHAE	RAC-VJ25WHAE	RAC-VJ35WHAE	RAC-VJ42WHAE	RAC-VJ50WHAE	RAC-VJ60WHAE	RAC-VJ70WHAE
Sound pressure level in cooling mode ⁽²⁾	dB(A)	44	46	48	49		53	54
Sound power level	dB(A)	58	60	61	63		65	67
Air flow rate (Cooling / Heating)	m³/h	1860 / 1620		1920 / 1620	2160 / 2160		2700 / 2700	
Dimensions (H x W x D)	mm	548 x 750 (841) ⁽³⁾ x 288			600 x 792 (877) ⁽³⁾ x 299		750 x 850 (956) ⁽³⁾ x 298	800 x 850 (956) ⁽³⁾ x 298
Net weight	kg	31.6			39.5		48.0	52.0
Compressor	-	Rotary			2 cylinder rotary		Rotary	
REFRIGERATION CHARACTERISTICS								
Piping diameter (Liq / Gas)	inches	1 / 4'' - 3 / 8''			1 / 4'' - 1 / 2''			1 / 4'' - 5 / 8''
Drain diameter (ext)	mm	16						
Initial charge of refrigerant	kg	0.87			1.05		1.50	
Pre-loaded for	m	20					30	
Min. pipe length	m	3						
Max. pipe length	m	20					30	
Max. difference in height (ODU above/ below)	m	10 / 10					20 / 20	
Refrigerant	-	R32						
ELECTRICAL CHARACTERISTICS								
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz						
Running current (Cooling / Heating)	A	4.39 / 4.22	5.61 / 6.52	6.35 / 7.39	7.39 / 8.70	8.70 / 11.96	10.50 / 14.30	14.20 / 14.50
Cable section (EN 60 335-1)	mm²	1.50 x 2 + E			2.50 x 2 + E			
Interconnection between indoor unit and outdoor unit	mm²	1.50 x 3 + E						

Supplied with infrared remote control

- (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).
(3) Dimensions with refrigerant piping connection.

Compatible controls & accessories



Programmable wired remote control

SPX-URFG1

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www.hitachiaircon.com

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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.