

# airHome 600

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

R32  
REFRIGERANT



FROST  
WASH



## SINGLE SPLIT RANGE

FROM 2 TO 7 kW



HITACHI



EUROPEAN  
PRODUCT  
DESIGN  
AWARD

Cooling & Heating

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

## Comfortable all year round

Winter or summer, even in extreme temperatures, **airHome 600** guarantees an ideal environment.

## Energy savings throughout the year

Thanks to its **A+++** performance in heating and cooling

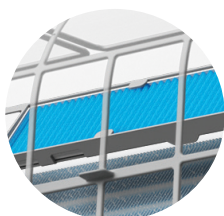
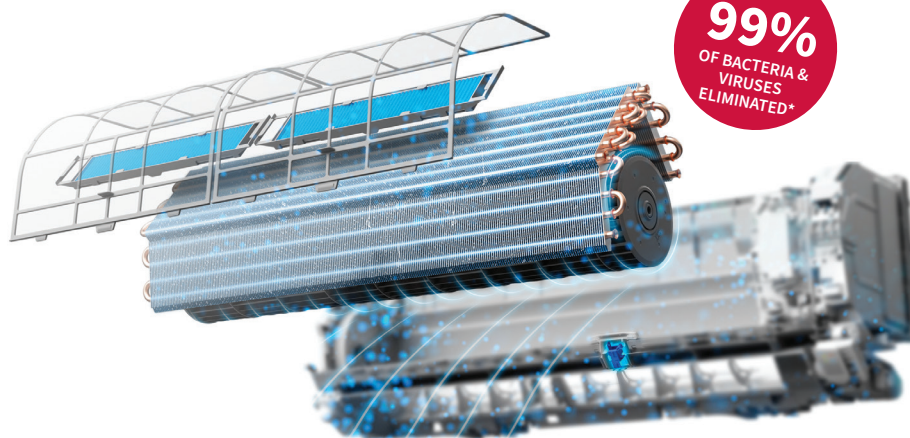
SEER  
COOLING  
up to 9,50

SCOP  
HEATING  
up to 5,20



## Designed to improve the air quality in your home

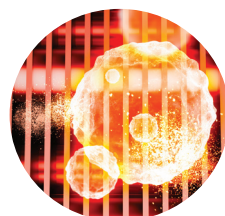
An healthy air in  
your home thanks  
to 4 air treatment  
features



### ANTI-VIRUS FILTER\*

#### Distributes clean & healthy air!

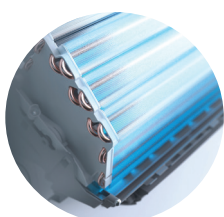
Thanks to its new anti-virus filter with zinc pyrithione, tested according to ISO 18184 and JIS L1902 standards, airHome 600 distributes healthy air.



### MOLD GUARD

#### Protects against mold

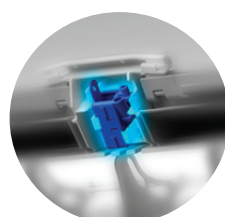
Preventive drying of the heat exchanger ensures uncompromised cleanliness by eliminating moisture, thereby preventing mold formation (active drying for 100 minutes).



### FROSTWASH TECHNOLOGY\*

#### Eliminates up to 99% of viruses & bacteria.

Eliminates up to 99% of viruses and bacteria. Thanks to FrostWash\* technology, a self-cleaning of the heat exchanger is performed, capturing and eliminating impurities accumulated over time. It ensures the long-term performance of the airHome 600.0.



### 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 by Japan Textile Product Quality and Technology Center according to ISO 18184:2019 «Textiles - Determination of antiviral activity of textile products» and by Nissenken Quality Evaluation Center according to JIS L1902:2015 Bacterial Solution Absorption Method and by Kitasato Research Environmental Science (test n°2020-0650).

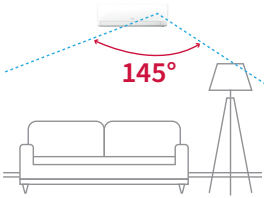


# Intelligence at your service

## + of energy savings

### Human sensor:

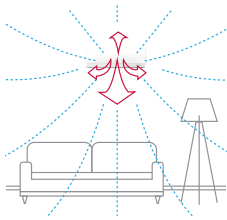
→ Detects your presence in the room and adjusts power and temperature.



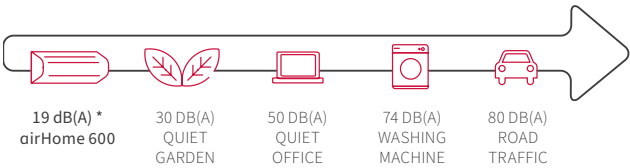
## + comfort in all the room

### horizontal and vertical movement of the slats

→ For uniform airflow



## + silence



\* 19dB(A) sound pressure at low blow speed, at 1 meter from the unit in free field conditions, depending on the model.

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



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

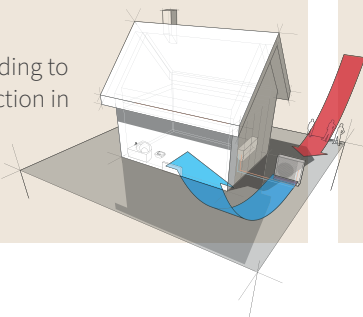


In **summer**, the heat inside the home is dissipated to the outside



### Inverter Technology:

Power adaptation according to demand for a 30% reduction in energy consumption.\*\*



\*\*vs a traditional compressor.

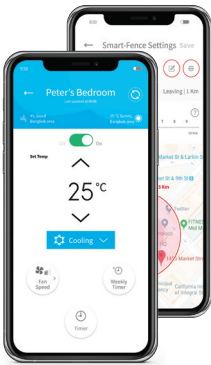
# Remote control with simplicity

## Through airCloud Go application

### Wi-Fi module included as standard in the unit

- Remote control
- Compatible with Google Home or Amazon Alexa

### Unique function: Smart Fence



## Through its remote control with LED backlight

Included as standard



## Put your trust in the experts with Hitachi

**+ OVER 60 YEARS**

experience in air conditioning and heating

**+ MORE THAN 4.5 MILLION**

heating systems manufactured worldwide every year

INDOOR UNIT	UNIT	RAK-VJ18RHAE	RAK-VJ25RHAE	RAK-VJ35RHAE	RAK-VJ42RHAE	RAK-VJ50RHAE	RAK-VJ60RHAE	RAK-VJ70RHAE
Cooling 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 (1,90 - 6,80)	7,00 (1,90 - 7,50)
Heating 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 (2,2 - 7,30)	7,00 (1,90 - 7,80)	8,00 (1,90 - 8,30)
Heating capacity at -7°C without defrosting	kW	2,60	3,50	3,95	4,50	5,30	5,00	6,20
Heating capacity at -7°C with defrost <sup>(1)</sup>	kW	2,30	3,00	3,40	3,80	4,20	3,74	4,00
Sound pressure in cooling (SL / L / M / H / SH) <sup>(2)</sup>	dB(A)	21 / 24 / 33 / 35 / 37	22 / 24 / 33 / 38 / 40	25 / 26 / 36 / 41 / 43	25 / 28 / 39 / 44 / 46	25 / 28 / 39 / 44 / 46	32 / 36 / 42 / 45 / 47	32 / 36 / 42 / 45 / 48
Sound pressure in heating (SL / L / M / H / SH) <sup>(2)</sup>	dB(A)	19 / 22 / 33 / 36 / 38	20 / 23 / 34 / 39 / 41	26 / 27 / 36 / 42 / 44	27 / 31 / 39 / 44 / 46	27 / 31 / 39 / 44 / 46	32 / 36 / 42 / 45 / 47	32 / 36 / 42 / 45 / 48
Sound power	dB(A)	51	54	57	60			63
Air flow in cooling (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	2,8	4,8
Dimensions (H x W x D)	mm	280 x 780 x 227					294 x 1050 x 250	294 x 1050 x 250
Net weight	kg	8,6			8,8		12,5	12,5
Power supply	V	220 - 230V						

GROUPES EXTÉRIEURS	UNITE	RAC-VJ18WHAE	RAC-VJ25WHAE	RAC-VJ35WHAE	RAC-VJ42WHAE	RAC-VJ50WHAE	RAC-VJ60WHAE	RAC-VJ70WHAE
EER	-	4,77	4,55	4,00	3,75	3,40	3,50	3,24
Energy class (Cooling)	-	A+++			A++			
COP	-	4,82	4,64	4,20	4,10	3,85	3,80	3,72
Energy class (Heating)	-	A++						
SEER (average climate)	-	8,50			7,50	7,35	7,00	7,00
SCOP (average climate)	-	4,90			4,60			
Sound pressure in cooling <sup>(2)</sup>	dB(A)	44	46	48	49		53	54
Sound power	dB(A)	58	60	61	63		65	67
Dimensions (H x W x D)	mm	548 x 750 x 288			600 x 792 x 299		750 x 850 x 298	800 x 850 x 298
Net weight	kg	31,6			39,5		48	52
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz						
Guaranteed cooling performance	°C	-10°C / + 46°C					-15°C / + 46°C	
Guaranteed heating performance	°C	-15°C / + 21°C					-15°C / + 24°C	

(1) Power with defrost: calculation at -7°C and 85% humidity  
(2) Sound pressure measurements were taken at 1 meter from the unit in free field conditions (see technical catalog).

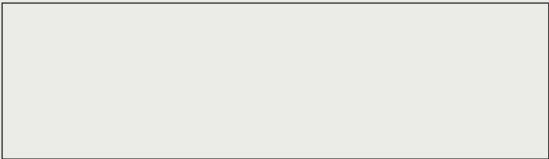
Compatible control



Fullldot wired remote control  
SPX-WKT4

JOHNSON CONTROLS - HITACHI AIR CONDITIONING EUROPE SAS

Your installer, know-how, a professional  
He'll select the right products for your needs, install them to the highest standards and provide after-sales service through a maintenance contract.



Certification



hitachiaircon.com

The commercial warranties offered by Hitachi concern the parts making up our machines. They apply subject to installation in compliance with our technical specifications and to regular maintenance of the equipment by qualified personnel. The frequency of maintenance depends on the conditions of use of the equipment and current legislation. Ask your installer for advice.

\* JOHNSON CONTROLS - HITACHI AIR CONDITIONING EUROPE SAS participates in the Eurovent Certification Program for the AC / VRF / LCP-HP categories; data on certified models are listed in the Eurovent Directory (www.euroventcertification.com)

