

airHome 400

The connected air-to-air
heat pump: essential for
your air quality



FROST
WASH



SINGLE SPLIT WALL-MOUNTED RANGE

2 to 7 kW



HITACHI



Inspired by you, **airHome** 400 adapts to your interior

Design for your comfort

Comfortable all year round

In winter as well as summer, even in extreme temperatures, **airHome 400 ensures an ideal atmosphere in every room**, whether your home is multi-story or single-story.

Performance and energy savings

The **airHome 400** offers heating & cooling performance up to A++.

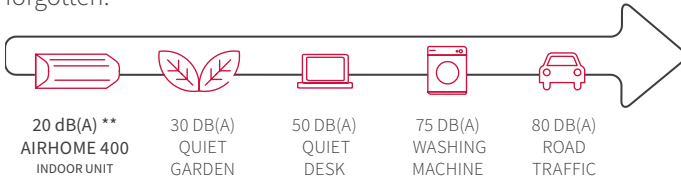
It will help your save energy all year round.

Instantaneously refreshing

An air flow rate of up to 663m3/h* provides greater cooling power and faster temperature comfort.

Still as quiet

With a sound level starting from 20dB(A) during operation, the **airHome 400** blends perfectly into your home and is easily forgotten.



*Up to 5kW
** 20dB(A) sound pressure at low blow speed, at 1 meter from the unit in free field conditions, depending on the model.

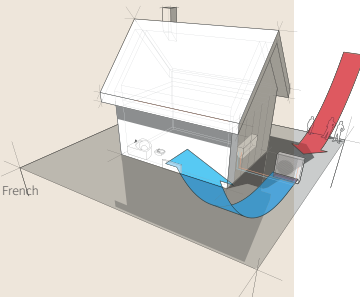


How does an air-to-air heat pump work?

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

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

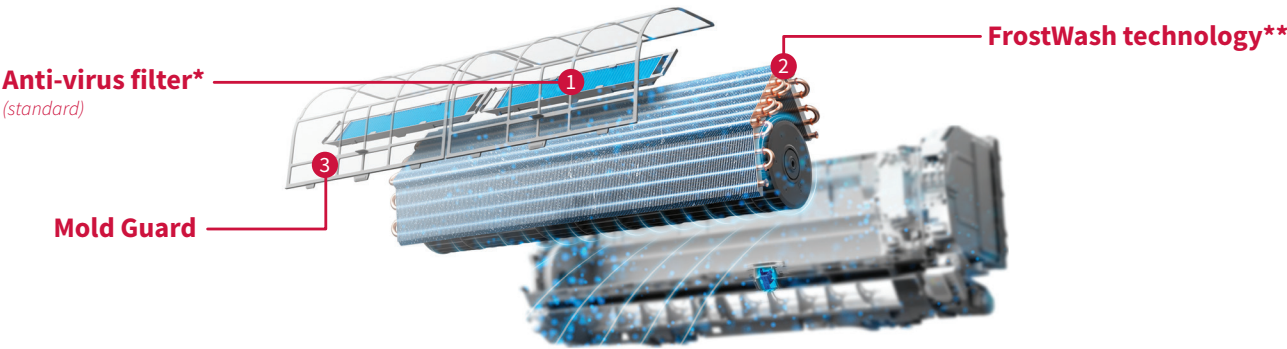
 Inverter technology :
Adaptation of **power** according to demand for up to 30% reduction in energy consumption**



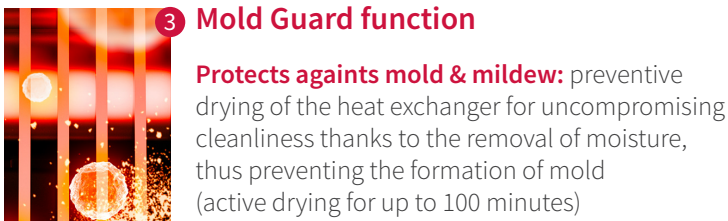
** Vs a traditional compressor. Quoted from ADEME, the French agency for Ecological Transition.

Designed for your indoor air quality

The air we breathe today, whether indoors or outdoors, affects our lives and our health. Hitachi's HVAC technology can help improve your daily life, inside your home, with its **3 unique functions**:



* 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).



Easy control of your unit

Via airCloud Go app
Wi-Fi included as standard

airHome 400 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**.

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

Unique Geofencing**

airHome 400 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 !

Download on the **App Store** | GET IT ON **Google Play**

Via its remote control with LED backlight **Included as standard** (ref. : RC-AGU1EA0G)

Easy to use!

- Temperature and ventilation management
- Mode selection (heating, air conditioning, etc.)
- Airflow direction

Eco Mode:

Automatically increases (cooling mode) or decreases (heating mode) the set temperature.

** Optional function that can be disabled on your smartphone

MODELS	UNIT	2.0 KW	2.5 KW	3.5 KW	5.0 KW	6.0 KW	7.1 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)	5.00 (1.90 - 5.20)	6.00 (1.75 - 6.80)	7.10 (1.75 - 7.50)
EER	-	3.45	3.57	3.23		3.31	2.70
Energy class (D to A+++)	-	A++					
SEER (average climate)	-	7.50			7.00	6.80	6.20
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)	6.00 (2.20 - 7.30)	7.00 (1.75 - 7.80)	8.10 (1.75 - 8.30)
Heating at -7°C ⁽¹⁾	kW	1.75	2.50	3.00	4.00	3.74	3.75
COP	-	4.20	4.00		3.71	3.50	3.10
Energy class (D to A+++)	-	A++				A+	
SCOP (average climate)	-	4.60			4.50	4.10	4.00
Operating range	°C	-15°C / +21°C					
INDOOR UNITS		RAK-DJ18RHAE	RAK-DJ25RHAE	RAK-DJ35RHAE	RAK-DJ50RHAE	RAK-DJ60RHAE	RAK-DJ70RHAE
Sound pressure level in cooling mode (SL / L / M / H / SH) ⁽²⁾	dB(A)	20 / 24 / 29 / 33 / 37	20 / 24 / 30 / 36 / 40	20 / 27 / 35 / 39 / 43	28 / 33 / 38 / 42 / 46	30 / 33 / 38 / 42 / 45	30 / 36 / 42 / 45 / 48
Sound power level	dB(A)	51	54	57	60		62
Air flow rate in cooling mode (SL / L / M / H / SH)	m³/h	204 / 255 / 384 / 431 / 545	204 / 255 / 394 / 513 / 620	204 / 302 / 446 / 608 / 653	265 / 360 / 528 / 608 / 663	360 / 510 / 700 / 940 / 1000	
Dehumidification	l/h	1.2	1.4	1.6	2.0	2.8	4.8
Dimensions (H x W x D)	mm	280 x 780 x 222				294 x 950 x 230	
Net weight	kg	7.7			8.4	10.5	
OUTDOOR UNITS		RAC-DJ18WHAE	RAC-DJ25WHAE	RAC-DJ35WHAE	RAC-DJ50WHAE	RAC-DJ60WHAE	RAC-DJ70WHAE
Sound pressure level in cooling mode ⁽²⁾	dB(A)	45	47	48	50	53	54
Sound power level	dB(A)	59	61	62	64		67
Air flow rate (Cooling / Heating)	m³/h	1860 / 1620			2160 / 2160	2700 / 2700	
Dimensions (H x W x D)	mm	530 x 660 (720) ⁽³⁾ x 278			600 x 792 (877) ⁽³⁾ x 299	750 x 850 (956) ⁽³⁾ x 298	
Net weight	kg	23.0		24.4	39.1	48.0	
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	0.58		0.72	0.93	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 / 5.43	6.35 / 5.43	9.13 / 11.96	13.10 / 12.50	14.50 / 14.50
Cable section (EN 60 335-1)	mm²	1.50 x 2 + EARTH			2.50 x 2 + EARTH		
Interconnection between indoor unit and outdoor unit	mm²	1.50 x 3 + EARTH					

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



Somfy home automation box
 1811527
 + Gateway SPX-TAG01



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.