

HITACHI

airHome 600

Comfort beyond your expectations
Wall Mounted Inverter Heat Pump AC

 HeatForce

Up to SEER2
23.0

Up to EER2
15.0



9k to 24k BTU/h



air is life

 -0.4 ~ 114.8°F  -13 ~ 75.2°F

- 3-in-1: Cool. Heat. Purify the air
- High energy efficiency & smart features
- Long lasting performance for worry free comfort

R32
REFRIGERANT



100% Heat
@5°F

Cooling & Heating

airHome 600

Designed for those who prioritize comfort and indoor air quality, airHome 600 ensures long-term performance. With smart automation, it will adapt to each moment of your life.



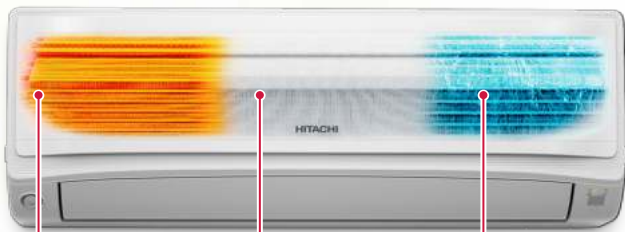
air is pure

Exclusive features for a healthier air

FrostWash 3.0

Triple action, triple benefits

Our coolest self-cleaning technology eliminates contaminants accumulated on the heat exchanger coil in three-steps process.



- Step 1**
Heats the coil to 132.8°F melting greasy particles
- Step 2**
Freezing to 5° trapping dirt and pollutants in ice.
- Step 3**
Melts leaving your unit clean.

Viruses ¹ 99.0% removal	Bacteria ² 99.0% removal	Mold ³ 95.0% removal	Pet odors ⁴ Effective reduction	Cooking smells ⁵ Effective reduction
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Choose your preferred way to activate FrostWash:

- Automatically at regular intervals when the AC detects no one in the room (AUTO option)
- Manually from the remote controller or airCloud Go app



Stainless pre-filter for extra cleanliness

PM2.5 Active Carbon air purifying filter

When the AC is on, this filter effectively removes 99% of small particles -as small as 2.5 um (micron)- after 4.5 hours, offering anti-VOC properties, and deodorizing the room, leaving the air fresh.⁶

Mold guard⁷

Prevents mold growth and unpleasant odors by automatically forcing air for approximately 60 min⁸ through internal components and heating the coil to 122°F⁹ after every turnoff.

air is comfort

Feel good in all seasons



Whisper quiet operation

Sound level from 27¹¹ dB(A) in operation and without the disturbance of frequent on-off cycles.

*The images provided have illustrative purposes and may not accurately represent the actual unit dimensions.



100% Heat @5°F



Summer: Great Cooling capacity

airHome 600 absorbs the heat from your room and exhausts it outside.

Cooling by 114.8 °F outdoors.

For damp days use Dry mode to remove up to 4.0 L/hour of humidity excess¹⁰.

Winter: Reliable heating even in cold climates

Enjoy a low-carbon heating. airHome 600 can maintain continuous heating by -13 °F outdoors.

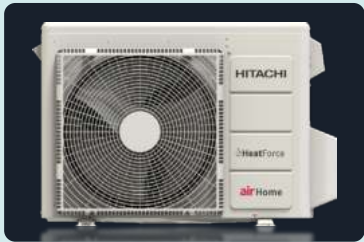
- Adaptive Defrost Technology with base pan heater: more effective defrosting during cold climates.

Snow protection accessory available

air is durability

Designed to last

SafeGuard System



Outdoor units are constructed with metal casings that are both fireproof and anti-rust.

Special anti-corrosion blue coating lengthens condenser life, improves performance and durability.

Your outdoor unit keeps itself clean!



DuraSpin

The first step to cleanliness.

With DuraSpin the fan rotation is activated in the opposite direction to create a powerful airflow and expell large dust particles that can accumulate on the heat exchanger.



Frostwash for outdoor unit

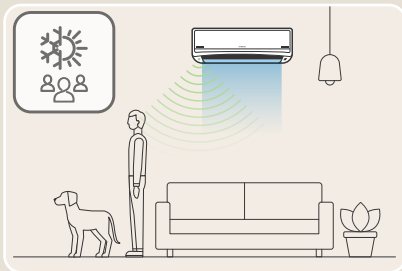
3 step self cleaning process:

1 Freezing dust and dirt and 2 melting to wash away impurities leaving you outdoor unit 3 clean and ensuring the best performance.

air is smart

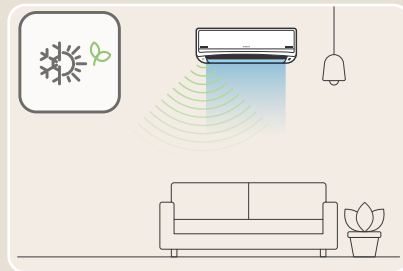
Intelligent features to save energy

Smart Eco
Built-in motion sensor saves energy automatically



When you leave the room

Smart Eco detects the room is now vacant, the cooling / heating operation continues as you've set it for the next 20 min.



After 20 min of vacancy
Energy Saving Operation

It automatically switches to a power-saving Eco mode.

When you return later to the room, occupancy is detected again and the AC returns to initial operation.



Restful nights with SleepSense

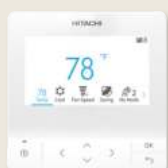
Set a comfortable temperature before bed, and SleepSense will automatically adjust the room's temperature when it detects you are asleep, preventing temperature swings and using less energy.

airCloud Go
Control your air and monitor your energy bills



- Voice command by Amazon Alexa & Google Home
- **Energy Cost Estimator** tells you when your monthly usage approaches your budget limit
- **Weekly program** your ac based on your routines
- Energy savings with **Smart-Fence** Automatically operates the AC based on your location

Other control options



Wall-mount airPoint Room H700
SPX-URFG1 (optional)



3rd-party thermostat
With 5-wire connectivity

*Does not enable Smart Eco and other airHome 600's advanced features

Trust Hitachi quality!

- **airHome 600** stress-tested for extreme conditions and electrical shocks
- 100% of indoor and outdoor units pass functional testing at the end of production

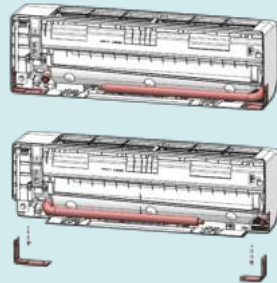
airHome 600

Indoor Model No		RAK-GJ09PHAA	RAK-GJ12PHAA	RAK-GJ18PHAA	RAK-GJ24PHAA	
Outdoor Model No		RAC-GJ09WHAA	RAC-GJ12WHAA	RAC-GJ18WHAA	RAC-GJ24WHAA	
Energy Star Rating		Yes	Yes	Yes	Yes	
Rated Performance	System Type	Heat Pump	Heat Pump	Heat Pump	Heat Pump	
	Rated Cooling Capacity	BTU/h	9,000	12,000	18,000	22,000
	Cooling Capacity (Min-Max)	BTU/h	4,500-10,500	5,000-13,600	5,800-22,500	8,000-26,000
	Rated Heating Capacity	BTU/h	11,000	14,500	21,600	25,200
	Heating Capacity (Min-Max)	BTU/h	3,800-15,000	5,500-18,000	6,600-26,000	7,800-29,500
	EER2		15	13.0	12.5	13.0
	SEER2		23	20.0	20.0	21.0
	HSPF2		11.4	11.1	11.5	11.0
	COP at 47° F		3.8	3.80	3.80	3.70
	COP at 5° F		1.8	1.80	2.30	1.80
	Rated Heating Capacity at 17° F (-8° C)	BTU/h	7,500	9,800	15,050	17,500
	max Heating Capacity at +5° F (-15° C)	BTU/h	11,000	14,500	21,600	24,700
	max Heating Capacity at -4° F (-20° C)	BTU/h	9,000	11,200	17,200	20,000
	max Heating Capacity at -13° F (-25° C)	BTU/h	7,200	8,800	12,900	15,000
Moisture Removal	l/h	1.71	1.6	2	4.0	
Electrical Data	Power Supply	V-Ph-Hz	208-230	208-230/1/60	208-230/1/60	208-230/1/60
	MCA	Amps	12	14	20	20
	MOP	Amps	15	15	25	25
Indoor Unit	Airflow (HH/H/M/L/SL)-Cool	CFM	370 / 360 / 324 / 235 / 147	415 / 400 / 311 / 177 / 107	572 / 498 / 434 / 364 / 270	600 / 580 / 500 / 400 / 300
	Airflow (HH/H/M/L/SL)-Heat	CFM	382 / 294 / 265 / 206 / 147	457 / 454 / 338 / 251 / 154	653 / 608 / 533 / 392 / 300	700 / 700 / 580 / 450 / 350
	Sound Pressure Level (HH/H/M/S/SL)-Cool	dB(A)	44 / 42 / 40 / 36 / 29	46 / 43 / 40 / 35 / 27	49 / 49 / 45 / 42 / 35	52 / 52 / 47 / 43 / 36
	Sound Pressure Level (HH/H/M/S/SL)-Heat	dB(A)	44 / 42 / 40 / 36 / 29	46 / 43 / 40 / 35 / 27	49 / 49 / 45 / 42 / 35	52 / 52 / 47 / 43 / 36
	Unit Dimension (W x H x D)	inch (mm)	37.40 x 11.57 x 9.25 (950 x 294 x 235)	37.40 x 11.57 x 9.06 (950 x 294 x 230)	41.34 x 11.57 x 10.04 (1,050 x 294 x 255)	43.3 x 11.8 x 10.2 (1,100 x 300 x 260)
	Net / Gross Weight	lbs (kg)	24.3 / 27.6 (11.0 / 12.5)	24.3 / 27.6 (11.0 / 12.5)	30.07 / 37.48 (14.0 / 17.0)	33.1 / 37.5 (15 / 17)
Outdoor Unit	Operation Range - Cooling	°F (°C)	-0.4 ~ -114.8 (-18 ~ -46)	-0.4 ~ -114.8 (-18 ~ -46)	-0.4 ~ -114.8 (-18 ~ -46)	-0.4 ~ -114.8 (-18 ~ -46)
	Operation Range - Heating	°F (°C)	-13 ~ -75.2 (-25 ~ -24.0)	-13 ~ -75.2 (-25 ~ -24.0)	-13 ~ -75.2 (-25 ~ -24.0)	-13 ~ -75.2 (-25 ~ -24.0)
	Refrigerant		R32	R32	R32	R32
	Sound Pressure Level (High)-Cool	dB(A)	51	52	53	53
	Sound Pressure Level (High)-Heat	dB(A)	51	52	54	54
	Unit Dimension (W x H x D)	inch (mm)	29.53 x 22.44 x 11.02 (750 x 570 x 280)	33.46 x 25.59 x 11.73 (850 x 650 x 298)	37.2 x 37.4 x 14.6 (945 x 950 x 370)	37.2 x 37.4 x 14.6 (945 x 950 x 370)
Piping	Net / Gross Weight	lbs (kg)	75.0 / 80.5 (34.0 / 36.5)	91.0 / 97.5 (41.0 / 44.0)	163 / 172 (74 / 78)	163 / 172 (74 / 78)
	Max Total Piping Length	Ft (m)	82.0 (25)	82 (25)	98 (30)	98 (30)
	Max Total Piping Height	Ft (m)	49.2 (15)	49.2 (15)	66 (20)	66 (20)
	Factory Charge	lbs (kg)	1.98 (0.9)	2.45 (1.11)	3.59 (1.63)	4.12 (1.87)
	Max Charge	lbs (kg)	2.20 (1.0)	2.67 (1.21)	4.32 (1.96)	4.85 (2.20)
	Piping Connection	Piping Connection - Liquid	inch (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
Piping Connection - Gas		inch (mm)	3/8 (9.53)	3/8 (9.53)	1/2 (12.7)	5/8 (11.87)
Piping Connection - Drain		inch (mm)	5/8 (11.87)	5/8 (11.87)	5/8 (11.87)	5/8 (11.87)
Features	FrostWash		Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
	Basepan Heater		Standard	Standard	Standard	Standard
	Wi-Fi Capability		Adapter included	Adapter included	Adapter included	Adapter included

airHome 600 series is designed for ease of installation & service

Here are 10 key features of the indoor units:

- Easy-to-remove front cover (2-3 screws)
- Left-or-right flexible connection of the drain hose and removable side covers to access it
- Removable drain pan to simpler cleaning process
- Screwless detachable bottom plate for direct access to piping connections*
- Easier service of the fan motor, simplified access by removable fan motor's holder
- New installation plate optimized for more stable mounting of the indoor unit
- Anti-splash inner ribbed surfaces to contain potential condensate*
- Reinforced fixtures of the deflectors, for more durable opening & closing of moving parts*
- Enlarged suction area at the air inlet for better cooling / heating performance
- Ideal location of the thermistor and humidity sensor inside the indoor unit for more accurate reading of the room's conditions



*Not available airHome 600 model RAK-GJ24PHAA.

Grants/ subsidies



Peace of Mind with a "X" year warranty



Hitachi Air Conditioning USA

www.hitachiaircon.com



- Tested by Kitasato Research Center of Environmental Science. Test No. 2020_0650. Test model: RAS-X22K Reduction effects of virus, bacteria and mold was observed by operating FroshWash™ once.
- Tested by Kitasato Research Center of Environmental Science. Test 2020_0201. Test model: RAS-X22K Reduction effects on cooking odor were observed by operating FroshWash™.
- Combination of Stainless-steel pre-filter PM2.5 Active Carbon air purifying filter tested at Johnson Controls-Hitachi Tochigi factory,

Japan. Test Method: JEM1467 (The Japan Electrical Manufacturers' Association). Test was done under continuous cooling operation at high fan speed of RAS-VJ24CLT in a room with size of 25m³ and 25°C for 300 minutes.

- The mold guard function can prevent mold growth inside indoor unit but not remove existed mold.
- It can slightly vary depending on models and current temperature/humidity conditions.

- The temperature of coil heating may differ depending on ambient and indoor conditions.
- Dehumidification capacity of models RAK-GJ24PHAA/RAC-GJ24WHAA, may vary for other models.
- 27dB(A) is the sound pressure level at silent mode of the following model: RAK-GJ12PHAA- RAC-GJ12WHAA. Other capacity models have a higher sound level.