air**Home** 600

Wall Mounted Inverter Heat Pump

HITACHI

Comfort beyond your expectations
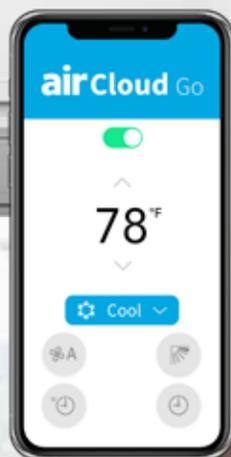
HeatForce

Up to SEER2 **23.0**

Up to HSPF2-5 **9.2**

ENERGY STAR

9k to 24k BTU/h

airCloud Go

78°F

Cool ⌄

❄️ -18 ~ 46°C   ☀️ -25 ~ 24°C

- 3-in-1: cool, heat, purify the air
- High energy efficiency and smart features
- Long-lasting performance for worry-free comfort

R32 REFRIGERANT

air

100% heat @-15°C

Cooling & Heating

air Home 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.
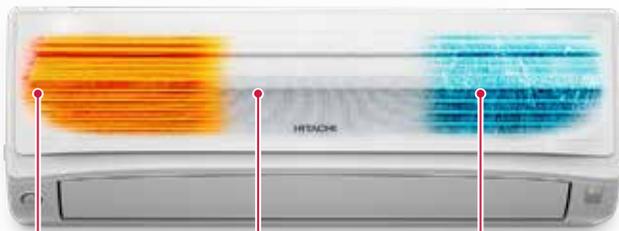
—
air is pure
Exclusive features for healthier air

FrostWash 3.0
Triple action, triple benefits

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

Step 1
Heats the coil to 56°C, melting greasy particles

Step 2
Freezes to -15°C, trapping dirt and pollutants in ice

Step 3
Melts, leaving your unit clean

Viruses[1]	Bacteria[2]	Mold[3]	Pet odors[4]	Cooking smells[5]
99.0% removal	**99.0%** removal	**95.0%** removal	**Effective reduction**	**Effective reduction**

Choose your preferred way to activate FrostWash:

- Automatically at regular intervals when the unit 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 heat pump is on, this filter effectively **removes 99%** of small particles – as small as 2.5um (micron) – after 4.5 hours, offering **anti-VOC properties and deodorizing the room**, leaving the air fresh.[6]

Mold guard[7]

It prevents mold growth and unpleasant odors by automatically forcing air for approximately 60 minutes[8] through internal components and heating the coil to 50°C[9] after every turnoff.

—
air is comfort
Feel good
in all seasons

Whisper-quiet operation

Sound level from 27[11] dB(A) in operation and without the disturbance of frequent on-off cycles

*Images are for illustrative purposes only.

100% heat @ -15°C

HEAT FORCE

ADAPTIVE DEFROST TECH

Summer: great cooling capacity
- **airHome 600** absorbs heat from your room and releases it outdoors
- Cools even in 46˚C outdoor temperatures
- On damp days, use Dry Mode to remove excess humidity — up to 4.0 L/hour[10]

Winter: reliable heating even in cold climates

Enjoy low-carbon heating. **airHome 600** can maintain continuous heating by -25˚C outdoors.
- **Adaptive Defrost technology** with base pan heater: more effective defrosting in cold climates*

*Snow protection accessory available
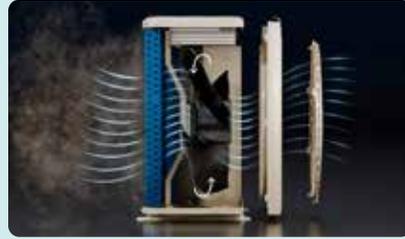
air is durability
Designed to last

SafeGuard system

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

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

A self-cleaning outdoor unit

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.

Dust & dirt ❶ ❷ ❸
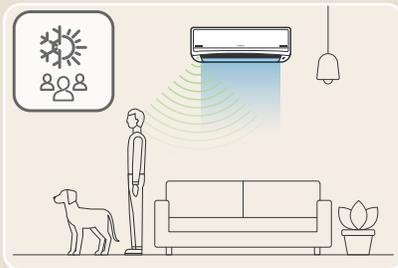
Frostwash for outdoor unit

Three-step self-cleaning process:

❶ Freezes dust and dirt and ❷ melts to wash away impurities, leaving your outdoor unit ❸ clean and ensuring the best performance.
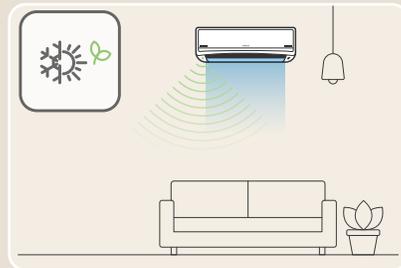
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air is smart
Intelligent features to save energy

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 set for the next 20 minutes.

After 20 minutes of vacancy

Energy-saving operation

It automatically switches to a power-saving Eco mode.

When you return to the room, occupancy is detected and the heat pump resumes its original 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

SPX-WFA01 (can be installed inside the unit.)

- Voice command by Amazon Alexa and Google Home
- **Energy cost estimator** tells you when your monthly usage approaches your budget limit
- **Weekly program** for your heat pump based on your routines
- Energy savings with **Smart-Fence** automatically operates the heat pump based on your location

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Other control options

Wall-mount airPoint Room H700

SPX-URFG1 (optional)

Third-party thermostat

With five-wire connectivity

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

Best-in-class Hitachi quality

- The **airHome** series heat pumps are stress-tested for exteme conditions and electrical shocks, ensuring your safety at home.
- 100% of indoor and outdoor units pass functional testing at the end of production to avoid any critical failures.
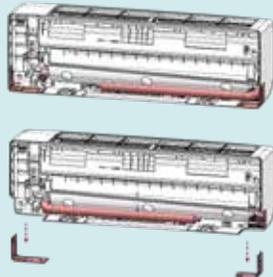
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airHome 600

Indoor model no			RAK-GJ09PHAA	RAK-GJ12PHAA	RAK-GJ15PHAA	RAK-GJ18PHAA	RAK-GJ24PHAA
Outdoor model no			RAC-GJ09WHAA	RAC-GJ12WHAA	RAC-GJ15WHAA	RAC-GJ18WHAA	RAC-GJ24WHAA
Energy Star rating			Yes	Yes	Yes	Yes	Yes
Rated performance	System type		Heat pump	Heat pump	Heat pump	Heat pump	Heat pump
	Rated cooling capacity	BTU / h	9,000	12,000	15,000	18,000	22,000
	Cooling capacity (min-max)	BTU / h	4,500~10,500	5,000-13,600	5,150-16,500	5,800-22,500	8,000-26,000
	Rated heating capacity	BTU / h	11,000	14,500	18,000	21,600	25,200
	Heating capacity (min-max)	BTU / h	3,800~15,000	5,500-18,000	5,500-19,000	6,600-26,000	7,800-29,500
	EER2		15	13.0	13.0	12.5	13.0
	SEER2		23	20.0	22.0	20.0	21.0
	HSPF2 Region 4/Region 5		11.4/9.2	11.1/9.0	11.0/8.5	11.5/8.8	11.0/8.5
	COP at 47° F		3.8	3.80	3.15	3.80	3.70
	COP at 5° F		1.8	1.80	1.95	2.30	1.80
	Rated heating capacity at 17° F (-8° C)	BTU / h	7,500	9,800	12,600	15,050	17,500
	Max heating capacity at +5° F (-15° C)	BTU / h	11,000	14,500	15,000	21,600	24,700
	Max heating capacity at -4° F (-20° C)	BTU / h	9,000	11,200	13,400	17,200	20,000
	Max heating capacity at -13° F (-25° C)	BTU / h	7,200	8,800	10,500	12,900	15,000
	Moisture removal	l / h	1.71	1.6	2.1	2	4.0
Electrical data	Power supply	V-Ph-Hz	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60
	MCA	Amps	12	14	16	20	20
	MOP	Amps	15	15	25	25	25
Indoor unit	Airflow (HH / H / M / L / SL)-Cool	CFM	370 / 360 / 324 / 177 / 107	415 / 400 / 311 / 177 / 107	470 / 440 / 390 / 310 / 260	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	460 / 370 / 360 / 260 / 220	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 / 36 / 29	48 / 46 / 42 / 36 / 32	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 / 36 / 29	48 / 46 / 42 / 36 / 32	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)	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)	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)	-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)	-13 ~75.2 (-25~24.0)
	Refrigerant		R32	R32	R32	R32	R32
	Sound Pressure Level (High)-Cool	dB(A)	51	52	52	53	53
	Sound Pressure Level (High)-Heat	dB(A)	51	52	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)	33.46 x 31.50 x 11.73 (850 x 800 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)
	Net / gross weight	lbs (kg)	75.0 / 80.5 (34.0 / 36.5)	91.0 / 97.5 (41.0 / 44.0)	103.6 / 114.6 (47.0 / 52.0)	163 / 172 (74 / 78)	163 / 172 (74 / 78)
Piping	Max total piping length	Ft (m)	82.0 (25)	82 (25)	98 (30)	98 (30)	98 (30)
	Max total piping height	Ft (m)	49.2 (15)	49.2 (15)	66 (20)	66 (20)	66 (20)
	Factory charge	lbs (kg)	1.98 (0.9)	2.45 (1.11)	2.75(1.25)	3.59 (1.63)	4.12 (1.87)
	Max charge	lbs (kg)	2.20 (1.0)	2.67 (1.21)	3.086 (1.4)	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)	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)	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)	5 / 8 (11.87)
Features	FrostWash		Indoor / outdoor	Indoor / outdoor	Indoor / outdoor	Indoor / outdoor	Indoor / outdoor
	Basepan heater		Standard	Standard	Standard	Standard	Standard
	Wi-Fi capability		Adapter included	Adapter included	Adapter included	Adapter included	Adapter included

airHome 600 series is designed for ease of installation and service

Here are 10 key features of the indoor units

1. Easy-to-remove front cover (2-3 screws)
2. Left or right flexible connection of the drain hose and removeable side covers to access it
3. Removable drain pan to simplify cleaning process
4. Screwless detachable bottom plate for direct access to piping connections*
5. Easier service of the fan motor, simplified access due to removable fan motor's holder
6. New installation plate optimized for more stable mounting of the indoor unit
7. Anti-splash inner ribbed surfaces to contain potential condensate*

8. Reinforced fixtures of the deflectors, for more durable opening and closing of moving parts*
9. Enlarged suction area at the air inlet for better cooling / heating performance
10. Ideal location of the thermistor and humidity sensor inside the indoor unit for more accurate reading of the room's conditions

*Not available for airHome 600 model RAK-GJ24PHAA

Hitachi Equipment Warranty - We have you covered

Enjoy the best protection in the industry with our factory-backed warranties.

Standard WARRANTY
7 YEARS COMPRESSOR
5 YEARS PARTS

Extended WARRANTY
10 YEARS COMPRESSOR
10 YEARS PARTS

Requires online registration.
Available for installations in residental applications at no additonal cost.

Optional enhanced extended WARRANTY
Safety option
5 YEARS LABOR OR 10 YEARS LABOR

Requires the purchase of a third-party warranty.
Check with your contractor for available options.

Authorized Dealer:

Master Official Distributor

in www.hitachiaircon.com/ca

Eligible for most provincial heat pump rebates

neep
Northeast Energy Efficiency Partnerships

CEE
Consortium for Energy Efficiency

Hitachi R32 Calculation tool