

airHome Multi

Multi-Split Inverter Heat Pump System

HITACHI

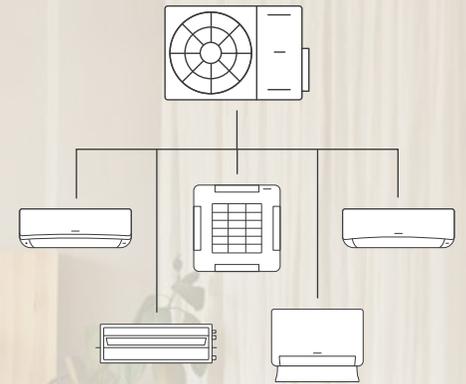
Flexible. Durable. Comfortable.

Up to
SEER2
23.00

Up to
HSPF2-5
7.85



18k to 42k BTU/h



- Cool and heat up to 5 rooms individually
- Mix & match up to 5 types of indoor units
- Advanced filters to purify the room against pollutants & VOCs

R32
REFRIGERANT



Cooling & Heating

airHome Multi

Year-round comfort, cooling, heating and improved indoor air quality in one system. With energy-saving features and durable performance, it ensures a healthy home environment while helping you save on costs.

How a multi-split system works:

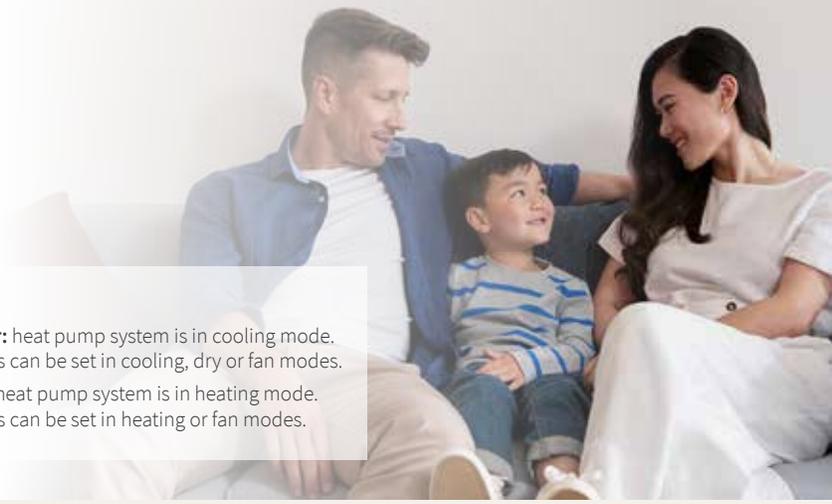
- One outdoor unit can cool or heat up to 5 different indoor units.
- Each indoor unit can be individually controlled, with its own setpoint, fan speed and all other control settings.
- Some indoor units can be turned off, while others remain on.



In Summer: heat pump system is in cooling mode. Indoor units can be set in cooling, dry or fan modes.



In Winter: heat pump system is in heating mode. Indoor units can be set in heating or fan modes.



air is flexible

Mix & match indoor units to suit each room's needs



airHome 650

7k to 24k BTU/h

Intelligent wall-mounted unit equipped for enhanced comfort and savings.

- Minimal installation work
- Equipped with a motion sensor

- Built-in gas leakage sensor, alarm light and buzz sound



PM2.5 Active Carbon filter



FrostWash



Down to 27 dB(A)



Optional **airCloud Go** adapter



airHome 400

7k to 24k BTU/h

A wall-mounted unit delivering powerful performance, focusing on comfort essentials.

- Minimal installation work

- Easy-to-use for simplicity seekers



PM2.5 Active Carbon filter



FrostWash



Down to 29 dB(A)



Optional **airCloud Go** adapter

airHome Floor

7k to 18k BTU/h

Concealed or standing, the ideal replacement to a window air conditioner or heater.

- Elegant console design



- Built-in gas leakage sensor, alarm light and buzz sound
- Can be attached on the wall or on a standing base (supplied with the unit)



PM2.5 Active Carbon filter



FrostWash



Down to 22 dB(A)



Optional **airCloud Go** adapter

airHome Mini Cassette

7k to 20.5k BTU/h

4-way airflow for consistent temperature across the room, also ideal for commercial spaces.

- Compact dimensions (22x22 in) for standard ceiling panels
- Embedded motion sensor for smart savings



- Built-in gas leakage sensor*



ViroSense S filter



FrostWash



Down to 29 dB(A)



Optional **airCloud Go** adapter

airHome Ducted

7k to 24k BTU/h

Invisible unit to preserve your home's interior design integrity.



- Built-in gas leakage sensor*



FrostWash



Down to 29 dB(A)



Optional **airCloud Go** adapter

* Optional hand-held remote control's receiver kit with leakage alarm light and buzzer sound (RC-AGS1EA0N).

air is performance

airHome Multi is a high-performance heat pump system. In the winter, it can maintain continuous heating operation down to -20°C, making it a reliable energy-efficient heating solution. With a seasonal energy efficiency ratio (SEER2) up to 23.0 and a heating seasonal performance factor (HSPF2) of up to 7.85, homeowners can save energy in all seasons with this all-in-one heat pump system.

air is pure

FrostWash

Signature self-cleaning technology sanitizes the coil

EXCLUSIVE HITACHI		
Viruses ¹	Bacteria ²	Mold ³
99.0% removal	99.0% removal	95.0% removal

Renowned Hitachi **freeze-and-melt** process cleans the heat **exchanger coil and eliminates contaminants & mold** accumulated over time. It helps keep your air fresh and clean year after year and also maintains your airflow performance.



Mold Guard

Prevents mold growth and unpleasant odors by automatically forcing air and drying internal components for approximately 60min after every cooling/dry mode operation.

Purify the air while creating comfort

PM2.5 Active Carbon air purifying filter

Removes 99% of PM2.5 particles which are harmful for health, offering anti-VOC properties and deodorizing the room after 4.5 hours, leaving the air fresh.

ViroSense S filter

Stops 100% mold growth & inhibits 99% of viruses & bacteria, making the air safer.

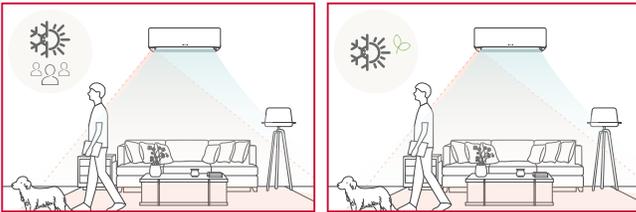


air is smart

Intelligent features to make your life easy

Smart Eco & Auto-Off

Embedded motion sensor powers down (Smart Eco) or turns off (Auto-Off) the unit when no one's in the room.



Smart-Eco adopts energy-saving mode when the room is vacant.



airCloud Go with adapter optional accessory

Control the air from anywhere - program operations and monitor your energy bills.



Wi-fi adapter SPX-WFA01

R32 leak sensor

Indoor units embed a sensor, enabling to alarm in case of leak.

- Alarm by LED light and buzzer sound
- Depending on the indoor unit: alarm from the indoor unit itself or optional receiver kit

Additional alarm on the wall-mount airPoint Room H700 controller.

* On optional IR receiver kit (part of the wireless remote control accessory).

Optional: Wall-mount airPoint Room H700

Wired remote controller SPX-URFG1

Also possible: 5-wired connectivity with 3rd-party thermostat

* Does not enable key advanced features



air is durability

Designed to last

- Anti-Rust Painted Outdoor Casing
- Anti-Corrosion Blue Fins
- 3-Minute Delay Circuit (Fuse Blow Prevention)
- Extended PCBA
- Fireproof Electrical Enclosure outdoor and indoor
- Snow protection accessory available



Best-in-class Hitachi quality

- The **airHome Multi** series is stress-tested for extreme conditions and electrical shocks ensuring reliable & safe operation at home.
- 100% of indoor and outdoor units pass functional testing at the end of production.

airHome Multi

Outdoor Model		RAM-G18N2HAA		RAM-G24N3HAA		RAM-G36N4HAA		RAM-G42N5HAA	
Number of Indoor connections		2		3		4		5	
Type of indoor unit		Ducted	Non Ducted						
Performance	Rated Cooling Capacity	18,000	18,000	24,000	24,000	36,000	36,000	42,000	42,000
	Cooling Capacity (Min-Max)	7,000 - 20,500	7,000 - 20,500	7,000 - 27,000	7,000 - 28,000	7,000 - 38,000	7,000 - 38,000	7,000 - 46,000	7,000 - 46,000
	Rated Heating Capacity	22,000	22,000	24,000	24,000	36,000	36,000	45,000	45,000
	Heating Capacity (Min-Max)	9,000 - 23,000	9,000 - 24,000	9,000 - 26,200	9,000 - 26,200	9,000 - 40,000	9,000 - 42,000	9,000 - 51,000	9,000 - 51,000
	EER2	12.0	12.5	11.7	12.5	11.7	12.0	10.0	12.5
	SEER2	18.0	23.0	18.0	22.0	18.0	23.0	18.0	23.0
	HSPF2 Region 4/Region 5	9.5/7.61	10.0/7.85	9.5/7.66	9.5/7.8	9.0/7.19	9.3/7.64	9.0/7.1	9.2/7.2
	COP at 47°F	3.4	3.5	3.5	3.5	3.5	3.5	3.3	3.7
	17 F rated capacity	14,900	14,900	16,000	16,000	23,000	25,000	29,000	29,000
	Max Heating Capacity at +5 F (-15 C)	14,300	14,300	18,500	18,500	22,000	22,000	29,500	29,500
Max Heating Capacity at -4 F (-20 C)	9,700	9,700	13,000	13,000	18,100	18,300	24,500	24,500	
Electrical Data	Rated Voltage	208-230 / 1Ø / 60							
	MCA	16		19		24		25 (2 units) / 30 (3-5 units)	
	MOP	25		35		40		40 (2 units) / 50 (3-5 units)	
Outdoor Unit	Operation Range (Cool)	14 to 115 (-10 to +46)							
	Operation Range (Heat)	-4 to 75 (-20 to +24)							
Piping	Refrigerant	R32		R32		R32		R32	
	Sound Pressure Level (High)	52		54		56		58	
	Unit Dimension (WxHxD)	33.5 x 29.5 x 11.7 (850 x 750 x 298)		33.5 x 31.5 x 11.7 (850 x 800 x 298)		33.5 x 31.5 x 11.7 (850 x 800 x 298)		37.4 x 37.2 x 14.6 (950 x 945 x 370)	
	Net / Gross Weight	108 (49) / 117 (53)		121 (52) / 136 (62)		163 (74) / 178 (81)		216.1 (98) / 231.5 (105)	
Piping	Max Total Piping Length	165 (50)		200 (60)		230 (70)		262 (80)	
	Max Total Piping Height	66 (20)		66 (20)		66 (20)		75 (23)	
	Max interunit Piping Length	82 (25)		82 (25)		82 (25)		82 (25)	
	Min Length	16 (5)		16 (5)		16 (5)		16 (5)	
	Max IDU Height difference	16 (5)		16 (5)		16 (5)		16 (5)	
Piping Connection	Liquid	1/4 (6.35) * 2		1/4 (6.35) * 3		1/4 (6.35) * 4		1/4 (6.35) * 5	
	Gas	3/8 (9.52) * 2		3/8 (9.52) * 3		3/8 (9.52) * 3 + 1/2 (12.7) * 1		3/8 (9.52) * 3 + 1/2 (12.7) * 2	
	Drain	0.63 (16)		0.63 (16)		0.63 (16)		1.02 (26)	

Indoor model		airHome 400					airHome 650				
Capacity		RAK-DJ07QHAA	RAK-DJ09RHAA	RAK-DJ12RHAA	RAK-DJ18RHAA	RAK-DJ24RHAA	RAK-GJ07QHAA	RAK-GJ09QHAA	RAK-GJ12QHAA	RAK-GJ18QHAA	RAK-GJ24QHAA
Capacity	BTU/h	7,000	9,000	12,000	18,000	24,000	7,000	9,000	12,000	18,000	24,000
Power Supply	V/Ph/Hz	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60
Fan	Motor Output	38	38	38	38	38	30	30	30	38	38
	Speed	5	5	5	5	5	5	5	5	5	5
Airflow Rate	HH/H/M/L/SL (Cool)	260/250/180/150/110	260/250/180/150/110	290/280/230/190/140	420/390/360/270/240	580/550/460/350/310	430/388/335/288/206	430/388/335/288/206	470/430/335/288/206	618/559/471/388/265	676/588/470/353/265
	HH/H/M/L/SL (Heat)	310/230/210/180/130	310/230/210/180/130	280/260/200/170/140	380/360/300/270/210	550/530/490/390/320	441/400/347/303/214	441/400/347/303/214	482/444/347/303/214	633/568/480/397/276	689/601/480/364/279
Sound Pressure level	HH/H/M/L/SL (Cool)	44/42/40/36/29	44/42/40/36/29	46/44/40/36/29	48/46/42/38/35	51/49/45/40/35	44/41/39/35/27	44/41/39/35/27	46/43/40/35/27	49/47/45/42/35	53/53/48/45/39
	HH/H/M/L/SL (Heat)	44/42/40/36/29	44/42/40/36/29	46/44/40/36/29	48/46/42/38/35	51/49/45/40/35	43/41/39/35/27	43/41/39/35/27	46/43/40/35/27	49/47/45/42/35	53/53/48/45/39
Dimensions (H x W x D)	in. (mm)	30.7 x 11.0 x 8.7 (780 x 280 x 222)			37.4 x 11.6 x 9.1 (950 x 294 x 230)	41.3 x 11.6 x 10.5 (1,050 x 294 x 265)	11.6 x 37.4 x 9.3 (294 x 950 x 235)			11.8 x 41.3 x 10.0 (300 x 1,100 x 273)	11.8 x 43.3 x 10.7 (300 x 1,100 x 273)
Net / Gross Weight	lbs. (kg)	17.6/21.5 (8.0/9.7)	17.6/21.5 (8.0/9.7)	18.7/20.94 (8.5/9.5)	24.3/27.6 (11/12.5)	30.0/37.48 (14/17)	24/27 (11/12.5)			26.9/30.9 (12.2/14)	31.9/37.48 (14.5/17)
Piping Connections	Liquid	1/4 (6.35)		1/4 (6.35)		1/4 (6.35)		1/4 (6.35)		1/4 (6.35)	
	Gas	3/8 (9.53)		1/2 (12.7)		5/8 (15.88)		3/8 (9.53)		1/2 (12.7)	
	Drain	0.63 (16)		0.63 (16)		0.63 (16)		0.63 (16)		0.63 (16)	
Pre-filter type		Stainless pre-filter	Stainless pre-filter	Stainless pre-filter	Stainless pre-filter	Stainless pre-filter	Stainless pre-filter	Stainless pre-filter	Stainless pre-filter	Stainless pre-filter	
Running Current	Amps	0.45	0.45	0.45	0.45	0.56	0.45	0.45	0.45	0.55	0.56

Indoor model		airHome Ducted					airHome Floor				
Capacity		RAD-GJ07QHAA	RAD-GJ09QHAA	RAD-GJ12QHAA	RAD-GJ18QHAA	RAD-GJ24QHAA	RAF-FJ07QHAA	RAF-FJ09QHAA	RAF-FJ12QHAA	RAF-FJ18QHAA	RAF-FJ24QHAA
Capacity	BTU/h	7,000	9,000	12,000	18,000	24,000	7,000	9,000	12,000	18,000	24,000
External Static Pressure	inAq (Pa)	0.28 (70)	0.28 (70)	0.28 (70)	0.6 (150)	0.6 (150)	-	-	-	-	-
Power Supply	V/Ph/Hz	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60
Fan	Motor Output	20	20	20	180	180	38	38	38	38	38
	Speed	5	5	5	5	5	5	5	5	5	5
Airflow Rate	HH/H/M/L/SL (Cool)	300/294/259/229/194	300/294/259/229/194	300/294/259/229/194	671/571/471/318/206	671/571/471/318/206	375/345/304/232/160	375/345/304/232/160	375/351/304/232/160	417/387/321/268/179	434/405/339/286/196
	HH/H/M/L/SL (Heat)	309/303/276/235/200	309/303/276/235/200	309/303/276/235/200	683/683/480/327/212	683/683/480/327/212	393/357/321/250/179	393/357/321/250/179	393/363/321/250/179	434/405/339/286/196	434/405/339/286/196
Sound Pressure level	HH/H/M/L/SL (Cool)	41/37/33/30	41/37/33/30	41/37/33/30	39/35/32/29	39/35/32/29	38/36/31/26/22	38/36/31/26/22	39/38/31/26/22	43/41/36/29/23	43/41/36/29/23
	HH/H/M/L/SL (Heat)	42/38/34/30	42/38/34/30	42/38/34/30	40/35/32/29	40/35/32/29	38/36/31/26/22	38/36/31/26/22	41/38/31/26/23	44/43/36/29/26	44/43/36/29/26
Dimensions (H x W x D)	in. (mm)	9.3 x 29.5 x 15.7 (235 x 750 x 400)				10.6 x 35.4 x 28.3 (270 x 900 x 720)	29.5 x 23.2 x 8.6 (750 x 590 x 219)				
Net / Gross Weight	lbs. (kg)	35/40 (16/18)		77/86 (35/39)		32.4 / 39.2 (14.7/17.8)					
Piping Connections	Liquid	1/4 (6.35)		1/4 (6.35)		1/4 (6.35)		1/4 (6.35)		1/4 (6.35)	
	Gas	3/8 (9.53)		1/2 (12.7)		3/8 (9.53)		3/8 (9.53)		1/2 (12.7)	
	Drain	0.63 (16)		0.63 (16)		1.26 (32)		0.63 (16)		0.63 (16)	
Pre-filter type		Normal Pre-Filter	Normal Pre-Filter	Normal Pre-Filter	Normal Pre-Filter	Normal Pre-Filter	Stainless pre-filter	Stainless pre-filter	Stainless pre-filter	Stainless pre-filter	
Running Current	Amps	0.54	0.54	0.54	1.4	1.4	0.30	0.30	0.35	0.40	

Indoor model		airHome Mini Cassette				
Capacity		RAI-GJ07QHAA	RAI-GJ09QHAA	RAI-GJ12QHAA	RAI-GJ18QHAA	RAI-GJ24QHAA
Capacity	BTU/h	7,000	9,000	12,000	18,000	20,500
Power Supply	V/Ph/Hz	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60	208-230 / 1Ø / 60
Fan	Motor Output	20	20	20	20	20
	Speed	5	5	5	5	5
Airflow Rate	HH/H/M/L/SL (Cool)	388/371/347/297/212	388/371/347/297/212	388/371/347/297/212	424/406/371/318/229	424/406/371/318/229
	HH/H/M/L/SL (Heat)	424/400/371/318/261	424/400/371/318/261	424/400/371/318/261	459/435/406/353/265	459/435/406/353/265
Sound Pressure level	HH/H/M/L/SL (Cool)	40/39/37/33/27	40/39/37/33/27	40/39/37/33/27	43/41/39/35/29	43/41/39/35/29
	HH/H/M/L/SL (Heat)	41/40/38/34/28	41/40/38/34/28	41/40/38/34/28	44/42/40/36/30	44/42/40/36/30
Dimensions (H x W x D)	in. (mm)	11 x 22 x 22 (285 x 570 x 570)				
Panel Dimensions (H x W x D)	in. (mm)	1.2 x 24.4 x 24.4 (30 x 620 x 620)				
Net / Gross Weight	lbs. (kg)	37/46.2 (17/21)				
Panel Net / Gross Weight	lbs. (kg)	6.17/7.72 (2.8/3.5)				
Piping Connections	Liquid	1/4"				
	Gas	3/8"				
	Drain	1.26 (32)				
Pre-filter type		ViroSense S filter	ViroSense S filter	ViroSense S filter	ViroSense S filter	ViroSense S filter
Running Current	Amps	0.25	0.25	0.25	0.25	0.25

Eligible for most provincial heat pump rebates

Hitachi Equipment Warranty - We have you covered

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

Authorized Dealer:



Consortium for Energy Efficiency



Northeast Energy Efficiency Partnerships

Standard WARRANTY



COMPRESSOR PARTS

Extended WARRANTY



COMPRESSOR PARTS

Requires online registration. Available for installations in residential applications at no additional cost.

Optional enhanced extended WARRANTY



Safety option

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

Master Official Distributor



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