airHome 400

			RAK-DJ09PHAA	RAK-DJ12PHAA	RAK-DJ18PHAA	RAK-DJ24PHAA	
Indoor Model[1]			RAK-DJ09RHAA	RAK-DJ12RHAA	RAK-DJ18RHAA	RAK-DJ24RHAA	
Outdoor Model			RAC-DJ09WHAA	RAC-DJ12WHAA	RAC-DJ18WHAA	RAC-DJ24WHAA	
Energy Star Certification			Yes	Yes	Yes	Yes	
Performance	System Type		Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Rated Cooling Capacity	BTU/h	9000	12000	18000	22000	36000
	Cooling Capacity (Min-Max)	BTU/h	4000~10500	4700~13200	6350~18600	6200~24200	
	Rated Heating Capacity	BTU/h	10000	13000	19000	25000	
	Heating Capacity (Min-Max)	BTU/h	4000~12000	5500~14500	6700~20500	7600~27500	
	EER2		13.0	12.0	12.0	12.0	
	SEER2		20.0	19.5	19.5	18.3	
	HSPF2		9.2	9.2	10.5	10.0	
	COP at 47°F		3.3	3.2	2.95	3.0	
	COP at 5°F		2.2	2.15	1.90	2.10	
	Rated Heating capacity at 17 F (-8°C)	BTU/h	6500	8400	13300	17500	
	Max Heating Capacity at +5 F (-15°C)	BTU/h	7500	10250	14200	18500	
	Moisture Removal	l/h	1.1	1.65	2.7	3.3	
Electrical Data	Power Supply	V-Ph-Hz	208~230V - 1P- 60Hz	208~230V - 1P- 60Hz	208~230V - 1P- 60Hz	208~230V - 1P- 60Hz	
	MCA (Minimum Circuit Ampacity)	Amps	8	9	13	18	
	MOP (Maximum Overcurrent Protection)	Amps	15	15	25	25	
Indoor Unit	Airflow (H/M/L/SL)-Cool	CFM	260/250/180/150/110	490/280/230/190/140	420/390/360/270/240	580/550/460/350/310	
	Airflow (H/M/L/SL)-Heat	CFM	310/230/210/180/130	280/260/200/170/140	380/360/300/270/210	560/530/490/390/320	
	Sound Pressure Level (H/M/S/SL)-Cool	dB(A)	44/42/40/36/29	46/44/40/36/29	48/46/42/38/35	51/49/45/40/35	
	Sound Pressure Level (H/M/S/SL)-Heat	dB(A)	44/42/40/36/29	46/44/40/36/29	48/46/42/38/35	51/49/45/40/35	
	Unit Dimension (W x H x D)	inch (mm)	30.71x11.02x8.74 (780x280x222)	30.71x11.02x8.74 (780x280x222)	37.40x11.57x9.06 (950x294x230)	41.34x11.57x10.04 (1050x294x255)	
	Net/Gross Weight	lbs (kg)	17.6 (8.0) / 21.5 (9.7)	18.74 (8.5) / 20.94 (9.5)	24.3 (11.0) / 27.6 (12.5)	30.07 (14.0) / 37.48 (17.0)	
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)	-5~75.2 (-20.5~24.0)	-5~75.2 (-20.5~24.0)	-5~75.2 (-20.5~24.0)	-5~75.2 (-20.5~24.0)	
	Refrigerant		R32	R32	R32	R32	
	Sound Pressure Level (High)	dB(A)	51	51	52	53	
	Unit Dimension (W x H x D)	inch (mm)	25.98x20.87x10.94 (660x530x278)	29.53x22.44x11.02 (750x570x280)	33.46x31.50x11.73 (850x800x298)	37.41x37.20x14.57 (950x945x370)	
	Net/Gross Weight	lbs (kg)	57.0 (26.0) / 60.5 (27.5)	75.0 (34.0) / 80.5 (36.5)	103.6 (47.0) / 114.6 (52.0)	161.7 (73.3) / 171.1 (77.6)	
Piping	Max Total Piping Length	Ft (m)	82.0 (25)	82.0 (25)	98.4 (30)	98.4 (30)	
	Max Total Piping Height	Ft (m)	49.2 (15)	49.2 (15)	65.6 (20)	65.6 (20)	
	Factory Charge	lbs (kg)	1.54 (0.70)	1.76 (0.80)	2.76 (1.25)	3.59 (1.63)	
	Max Charge	lbs (kg)	1.76 (0.80)	1.98 (0.90)	3.09 (1.40)	4.32 (1.96)	
Piping Connection	Piping Connection - Liquid	inch (mm)	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)	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 Only	Indoor Only	Indoor Only	Indoor Only	Indoor Only
	Wi-Fi Capability		Optional	Optional	Optional	Optional	Optional

Notes:
1. Indoor units RAK-DJ09PHAA/ RAK-DJ12PHAA/ RAK-DJ18PHAA/ RAK-DJ24PHAA are compatible with airhome 400 single splits only.
   Indoor units RAK-DJ09RHAA/ RAK-DJ12RHAA/ RAK-DJ18RHAA/ RAK-DJ24RHAA are compatible with airHome 400 single splits and airHome Multi Pro multi-split systems.

Govt aids/subsidies

CEE · **neep** Northeast Energy Efficiency Partnerships · Canada Greener Homes

Peace of Mind with X years warranty

Easy to Install and easy to service:

1) Removeable side covers to access pipe & condensate drain[2]
2) Left or right flexible connection of the condensate drain
3) Removable drain pan[1]
4) Detachable fan motor's support
5) Large installation plate[2]
6) Ribbed inner surface to prevent risk of condensate leaks[2]
7) Enlarged suction area for better performance[2]
8) Easy-to-remove front cover (2-3 screws)
9) New cap on deflectors for durable opening/closing[2]
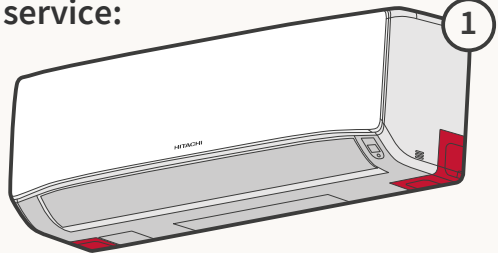
[1] Not available in small-size chassis of models RAK-DJ09PHAA and RAK-DJ12PHAA.
[2] Not available in the largest size chassis of RAK-DJ36PHAA

Hitachi Air Conditioning USA

Address:
Johnson Controls Hitachi Air Conditioning
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HITACHI

airHome 400

Wall Mounted Inverter Heat Pump AC

From 9 to 36 BTU/h

Simple yet powerful cooling & heating
The solution for those who don't want to think about HVAC

air is life

R32 REFRIGERANT

SEER2 20.0

EER2 13.0

ENERGY STAR

Cooling & Heating

air Home 400

Uncomplicated Comfort

Experience a **simple & elegant solution** for a serene living space with airHome 400.
Designed for ease of use and **minimal environmental impact**, ensuring a hassle-free living.

Comfortable all year round

AirHome 400 provides an ideal atmosphere in all rooms, with excellent cooling/heating capacity to keep you cozy in cold weather and cool in warm weather.
For an added comfy environment, airhome helps remove humidity excess from your home by up to 3.3l/hour (**)

So quiet it dissapears into your home

With a **sound level from 29**(***) **dB(A)** in operation and without the disturbance of frequent on-off cycles.

0 dB (A)	29 dB (A)*	50 dB (A)	74 dB (A)	80 dB (A)
CALM	airHome 400	RAIN	LAUNDRY	ROAD TRAFFIC
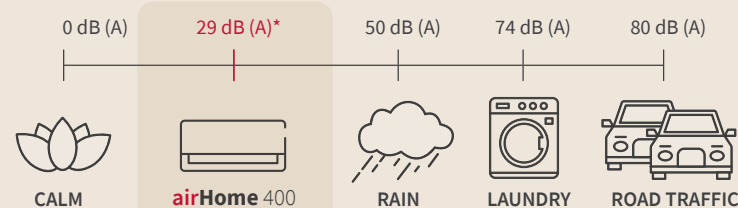
Energy efficiency for lower running costs

Heat Pump Technology

Mini Splits work by using outdoor heat to warm homes in winter and moving out indoor heat in summer for improved use of energy
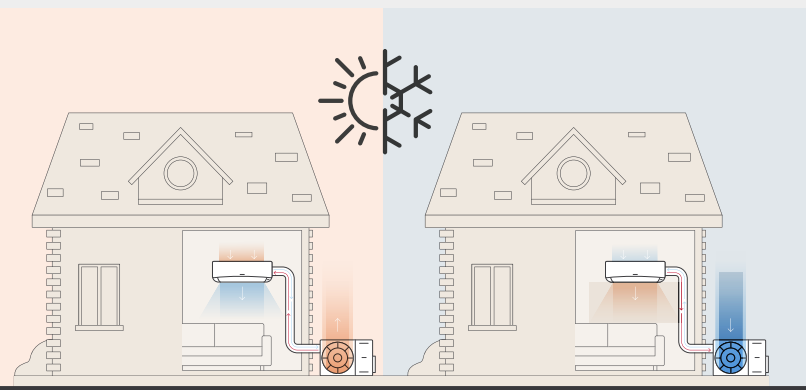
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Peace of mind even in your sleep

Activate GoodSleep before bed, and after a set number of hours the fan speed will reduce for quieter operation and **temperature will gently adjust** for a placid sleep.

Eco Mode

Press the eco button for extra energy savings.
It adjusts the set temperature to **reduce power consumption**.

Vector DC inverter technology

Embedded technology monitors and adjusts the compressor's rotational speed, **cooling with maximum capacity**, then automatically slowing down to optimal operating capacity to **maintain room temperature**.
Saving 30% more energy compared to regular compressor.

Non-Inverter
Power Consumption
Time

Inverter
Power Consumption
Time
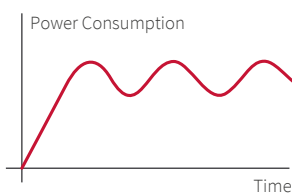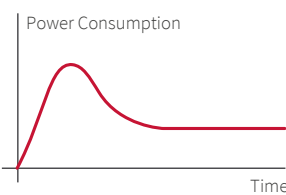
Effortlessly improving the air quality in your home

FrostWash™ Self cleaning technology

In a **freeze and melt** process the **heat exchanger is cleaned and the impurities accumulated** over time are captured and eliminated.

99% Viruses removal(1)
99% Bacteria removal(2)
95% Mold removal(3)

3x better at maintaining air flow performance(4)

PM2.5 Active Carbon air purifying 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.

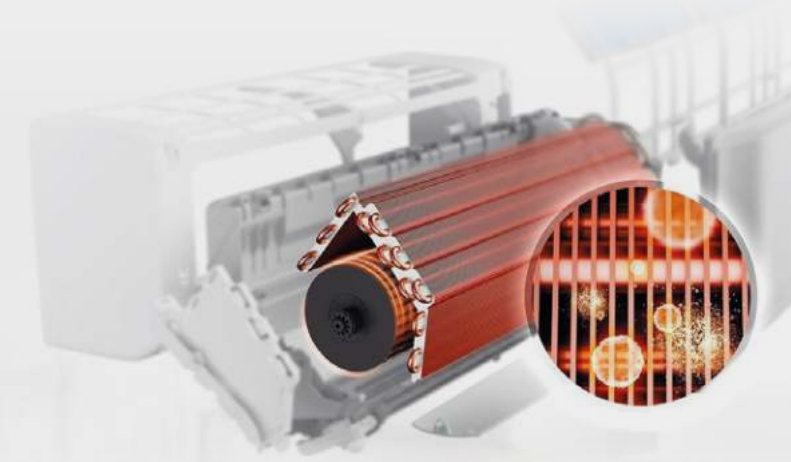Also included:
Stainless pre-filter for extra cleanliness(5)

Hassle-free controls

New easy-to-use remote

All features at the click of a button

- Indoor temperature management
- Fan speed
- Choice of mode (heating, cooling, etc.)
- Airflow direction
- Leave home: **maintains sufficient heating to prevent pipes from freezing when you're away in colder climates.**
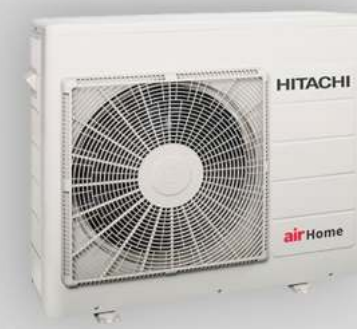

Mold Guard*

Prevents mold growth and **unpleasant odors by automatically** forcing air for approximately **60 min**(**) through internal components and heating the coil to **122ºF**(***) after every turnoff.

Built to last for a worry- free future

HITACHI

air Home

- Anti-Rust Painted Outdoor Casing
- 3-Minute Delay Circuit (Fuse Blow Prevention)
- Wide voltage range
- Fireproof Electrical Enclosure
- Standard Anti-Corrosion Colored Fin
- **Snow-hood accessory available**

More ways to control your ac:

air Cloud GO

- Manage your AC from **your phone**
- Gain control over your bills with **Energy Cost estimator**
- Weekly program your ac based on **your routines**
- Enables voice command by **Amazon Alexa & Google Home**
- **Wifi Adapter** invisible installation inside the unit.

SPX-WFG03 *(optional)*(6)

air Point Room H700

SPX-URFG1 *(optional)*

- Complete controls by **wall-mount thermostat**
- Colored screen and **intuitive visualization**
- Include a power **monitoring features**