Authorized Distributor

ULTIMATE ZONING
Efficiency is our motto

HITACHI

air like never before

H300 Series

Wall-mounted air conditioning

Hitachi Mini-Split Systems offer a ductless cooling and heating solution that is flexible, energy efficient, and self-cleaning while providing optimal comfort. New features include the self-cleaning FrostWash technology and the airCloud Home app, the latter of which allows users to operate the system with a smart device from anywhere. airCloud home is also compatible with Google Home and Amazon Alexa for voice-activated control.

FrostWash ensures cleaner indoor air

With FrostWash, a user can expect cleaner, fresher air all year round. The unique FrostWash feature eliminates dust and bacteria build-up on the heat exchanger's surface by trapping and freezing these particles in ice. When the ice melts, the particles are flushed out safely via the condensate drain. FrostWash reduces 91% of bacteria, 84% of mold, and 99% of virus from the interior of the unit.* FrostWash works behind the scenes to keep the air in your home cleaner, fresher, and more comfortable. An LED indicator light will turn on after 42 hours of operation, equivalent to 2-3 weeks of average run time. A touch of a button activates FrostWash.

*Tested by Kitasato Research Center of Environmental Science, Test No. 2017_40194: antibacterial & anti-mold effects when operating FrostWash two times.

Cooling & Heating

Adaptable to your needs

- Voltages in both 115V and 208/230V for 9K and 12K sizes
- Cooling Only lock function prohibits heat when used in ambient cooling applications

DC Inverter System

Unlike traditional systems, the DC Inverter System quickly attains the ideal room temperature upon activation. It then automatically reduces power and operates at minimum capacity for stable operation while reducing energy consumption by up to 62 percent*

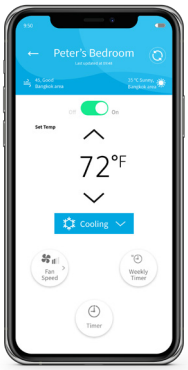
*RAS-VX13CJ (Eco Mode) compared with a Hitachi Cooling & Heating 1.5HP non-inverter model (Cooling Mode). Power consumption based on cumulative power consumption after eight hours of operation. Room temperature at start: 67˚F, Set temperature: 57˚F, Fan Speed: Auto, Testing Condition: Three people in the room. Level of activity at 2.5m from the indoor unit estimated to be 1.0 metabolic equivalents (reading, etc). Three people in separate locations in the room during the daytime with the curtains closed to cut the amount of sunlight to a low level. Ambient temperature lower than the set temperature.

airCloud Home enables ultimate control

The new airCloud Home smartphone app puts control in the palm of your hand. The easy-to-use application ensures your rooms are at the temperature you want with control from anywhere.

The app makes it simple to set and change schedules for maximum energy savings. And, it's fully compatible and accepts verbal commands from Amazon Alexa and Google Assistant.

Setup is quick, easy, and customizable. Access can be shared with up to twenty people.



Model	Indoor		RAS-EH09PHLAB	RAS-EH12PHLAB	RAS-EH09RHLAE	RAS-EH12RHLAE	RAS-EH18RHLAE	RAS-EH24RHLAE	RAS-EH36PHLAE
	Outdoor		RAC-EH09WHLAB	RAC-EH12WHLAB	RAC-EH09WHLAE	RAC-EH12WHLAE	RAC-EH18WHLAE	RAC-EH24WHLAE	RAC-EH36WHLAE
	System Type		Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Performance	Rated Cooling Capacity (Min-Max)	BTU / h	9000 (4300 - 10500)	12000 (4450 - 13200)	9000 (4300 - 10500)	12000 (4450 - 13200)	17600 (5600 - 18600)	24000 (8200 - 25200)	33000 (9950 - 34000)
	Rated Heating Capacity (Min-Max)	BTU / h	10500 (4200 - 11500)	13000 (4400 - 14500)	10500 (4200 - 11500)	13000 (4400 - 14500)	19000 (6600 - 20500)	25000 (9950 - 26500)	36000 (12600 - 37500)
	EER		12.5	9.8	12.5	9.8	9	9	8.3
	SEER		19	17.5	19	17.5	17	18	17.5
	HSPF		11	10.5	11	10.5	10	10	9
	Heating Capacity at+17 F (-8 C)	BTU / h	7350	8850	7350	8850	12900	17000	24500
	Heating Capacity at +5 F (-15 C)	BTU / h	5800	7150	5800	7150	10450	13750	19800
	Moisture Removal	l / h	1.4	1.6	1.4	1.6	2.9	3.4	4.9
Power Supply	Rated Voltage	V / Ph / Hz	115 / 1 / 60	115 / 1 / 60	208/230 / 1 / 60	208/230 / 1 / 60	208/230 / 1 / 60	208/230 / 1 / 60	208/230 / 1 / 60
Indoor Unit	Airflow (H / M / L / SL)	CFM	350 / 250 / 218 / 170	400 / 325 / 280 / 195	350 / 250 / 218 / 170	400 / 325 / 280 / 195	450 / 350 / 305 / 250	670 / 475 / 350 / 280	640 / 530 / 420 / 320
	Sound Pressure Level (H / M / S / SL)	dB(A)	42 / 35 / 32 / 29	43 / 40 / 37 / 30	42 / 35 / 32 / 29	43 / 40 / 37 / 30	48 / 42 / 38 / 35	51 / 45 / 40 / 35	54 / 48 / 45 / 38
	Unit Dimension (WxHxD)	inch (mm)	30.7x11.1x9.1 (780x280x230)	30.7x11.1x9.1 (780x280x230)	30.7x11.1x9.1 (780x280x230)	30.7x11.1x9.1 (780x280x230)	30.7x11.1x9.1 (780x280x230)	43.3x11.8x10.2 (1100x300x260)	43.3x11.8x10.2 (1100x300x260)
	Net / Gross Weight	lbs (kg)	17.6 / 19.8 (8 / 9)	17.6 / 19.8 (8 / 9)	17.6 / 19.8 (8 / 9)	17.6 / 19.8 (8 / 9)	33.1 / 37.5 (15 / 17)	33.1 / 37.5 (15 / 17)	33.1 / 37.5 (15 / 17)
Outdoor Unit	Operation Range - Cooling	F (C)	0 - 115 (-18 - 46)	0 - 115 (-18 - 46)	0 - 115 (-18 - 46)	0 - 115 (-18 - 46)	0 - 115 (-18 - 46)	0 - 115 (-18 - 46)	0 - 115 (-18 - 46)
	Operation Range - Heating	F (C)	0 - 75 (-18 - 24)	0 - 75 (-18 - 24)	0 - 75 (-18 - 24)	0 - 75 (-18 - 24)	0 - 75 (-18 - 24)	0 - 75 (-18 - 24)	0 - 75 (-18 - 24)
	Sound Pressure Level (High)	dB(A)	51	51	51	51	53	53	58
	Unit Dimensions (WxHxD)	inch (mm)	26x20.8x11 (660x530x278)	26x20.8x11 (660x530x278)	26x20.8x11 (660x530x278)	26x20.8x11 (660x530x278)	33.5x25.6x11.7 (850x650x298)	33.5x25.6x11.7 (850x650x298)	37.4x37.2x14.6 (950x945x370)
	Net / Gross Weight	lbs (kg)	59.5 / 61.7 (27 / 28)	59.5 / 61.7 (27 / 28)	59.5 / 61.7 (27 / 28)	59.5 / 61.7 (27 / 28)	100.3 / 104.7 (45.5 / 47.5)	101.4 / 105.8 (46 / 48)	183.6 / 210.10 (83.3 / 95.3)
Piping	Max Total Piping Length	Ft (m)	82 (25)	82 (25)	82 (25)	82 (25)	82 (25)	82 (25)	98.5 (30)
	Max Total Piping Height	Ft (m)	49.2 (15)	49.2 (15)	49.2 (15)	49.2 (15)	49.2 (15)	49.2 (15)	65.6 (20)
	Refrigerant					R410A			
Features	FrostWash		Indoor Only	Indoor Only	Indoor Only	Indoor Only	Indoor Only	Indoor Only	Indoor Only
	Cooling Only		Switchable	Switchable	Switchable	Switchable	Switchable	Switchable	Switchable
Options	Wi-Fi Capability (Adapter Required)		Optional	Optional	Optional	Optional	Optional	Optional	Optional

Johnson Controls-Hitachi Air Conditioning

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Efficiency is our motto

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