

# air like never before



## M400 Multi-Zone Series

Multiple indoor unit options for up to five zones

Hitachi Mini-Split Systems are known for their superior quality. They offer a ductless cooling and heating solution that is flexible, energy efficient, and that provides optimal comfort. The new airCloud Home app allows users to operate the system with a smart device from anywhere, and is compatible with Google Home and Amazon Alexa for voice-activated control.

### Human sensor system

Hitachi Mini-Split Systems are designed to adapt to occupant needs. An intelligent human sensor system\* monitors the room for human activity, adjusting air flow and the indoor climate accordingly for optimal comfort. The Air Sleep function optimizes temperature and humidity levels and automatically adjusts to super silent operation, allowing for restful sleep and increased sleep quality.

### Exceptional energy efficiency

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\*\*.

\*Human sensor system available on H500 indoor unit only.  
 \*\*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.

Cooling & Heating



## Up to five rooms

The multi-zone system offers flexibility with four indoor unit options. Mix and match wall mount, cassette, floor, and ducted indoor units for optimal efficiency and comfort.



## 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 20 people.



Model	Outdoor Unit	RAM-S18U2HLAE		RAM-S24U3HLAE		RAM-S36U4HLAE		RAM-S42U5HLAE			
	Indoor Unit	Non-Ducted	Ducted	Non-Ducted	Ducted	Non-Ducted	Ducted	Non-Ducted	Ducted		
	System Type	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump		
	Number Indoor Connection	2		3		4		5			
Performance	Rated Cooling Capacity (Min-Max)	BTU / h		18000 (7000 - 21000)		24000 (7000 - 28800)		36000 (7000 - 40000)		42000 (7000 - 46000)	
	Rated Heating Capacity (Min-Max)	BTU / h		22000 (9000 - 24500)		28000 (9000 - 32000)		40000 (9000 - 42000)		48000 (9000 - 51000)	
	SEER2	22.0	18.0	22.0	18.0	22.0	17.0	23.0	18.0		
	EER2	12.5	12.0	12.5	10.0	12.5	9.0	12.5	9.0		
	HSPF2	10.3	9.5	9.0	9.5	9.7	9.0	9.2	9.0		
Power Supply	Rated Voltage	V / Ph / Hz		(208 / 230) / 1 / 60		(208 / 230) / 1 / 60		(208 / 230) / 1 / 60		(208 / 230) / 1 / 60	
	Operation Range - Cooling	F (C)		14 - 115 (-10 - 46)		14 - 115 (-10 - 46)		14 - 115 (-10 - 46)		14 - 115 (-10 - 46)	
Outdoor Unit	Operation Range - Heating	F (C)		-4 - 75 (-20 - 24)		-4 - 75 (-20 - 24)		-4 - 75 (-20 - 24)		-4 - 75 (-20 - 24)	
	Unit Dimensions (WxHxD)	inch (mm)		29.5x33.5x11.7 (750x850x298)		33.5x31.5x11.75 (850x800x298)		37.4x31.5x14.6 (950x800x370)		40.75x37.2x14.6 (1035x945x370)	
	Net / Gross Weight	lbs (kg)		112.4 / 114.6 (51 / 52.1)		121.2 / 126.3 (55 / 57.4)		176.4 / 183 (80 / 83.2)		220.5 / 241.1 (100 / 109.6)	
Piping	Pre-Charge Length	Ft (m)		98.5 (30)		98.5 (30)		98.5 (30)		98.5 (30)	
	Max Total Piping Length	Ft (m)		164 (50)		197 (60)		197 (60)		246 (75)	
	Max. Height Diff. Between IDUs	Ft (m)		16.5 (5)		16.5 (5)		16.5 (5)		16.5 (5)	
	Max. Equivalent Length	Ft (m)		82 (25)		82 (25)		82 (25)		82 (25)	
	Rise / Drop	Ft (m)		65.5 (20)		65.5 (20)		65.5 (20)		65.5 (20)	
Options	Refrigerant	Ft (m)				R410A					
	Wifi Capability									Optional except Standard H500 Wall Mount Indoor Unit	

## Johnson Controls-Hitachi Air Conditioning. Discover more at [hitachiaircon.com/us](http://hitachiaircon.com/us)

### HITACHI. CERTIFIED QUALITY



#### Industry certified

Hitachi mini-split systems are certified by the Air Conditioning, Heating & Refrigeration Institute. The systems are also UL certified. airCloud Home App is ETL certified (Canada & USA), signifying it complies with the standard of Heating and Cooling Equipment (ANSI/UL 1995 and CAN/CSA C22.2 No. 236-11, 4th Edition, October 14, 2011).

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#### STANDARD WARRANTY



COMPRESSOR PARTS

#### EXTENDED WARRANTY



COMPRESSOR PARTS

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

#### EXTENDED WARRANTY WITH LABOR



COMPRESSOR PARTS LABOR

Requires online registration and purchase of warranty upgrade. Available for installations in residential applications.