

# Multizone Shirokuma Wall Mounted

MONO  
MULTI ZONE



## Features and Benefits

The Hitachi Multizone range was the world's first all DC Inverter Multisplit system with zone by zone cooling or heating for up to six rooms. Hitachi DC scroll and DC twin-rotary compressor, together with award-winning DC inverter PAM technology, aid the achievement of a system power factor of almost 100%, thus providing unparalleled performance and efficiency.

The Multizone range of units are designed to offer elegance and comfort to any application in addition to the following benefits:

- **Stylish Design**

The units are available in a variety of colours to complement any interior

- **Low Noise**

Levels as low as 20dB(A)

- **Highest COP**

COP of 4.34 and EER of 4.47

- **DC PAM Inverter Technology**

Hitachi pioneered 'DC' Inverter PAM driven Air Conditioners and use this technology to drive its compressors and fans

- **Air Quality**

A washable carbon and anti-bacteria air purifying filter ensures that the micro dust, pollen particles and odours that can collect on filters can be easily removed. The filters can be washed and re-used up to 20 times



RAS-WX8

- **Compatibility**

Compatibility between product ranges of outdoor and indoor units

- **Cooling Operation Under Low Temperatures**

The wide range of units have been designed for cooling operation under low temperatures, down to -10°C. This feature enables cooling to be obtained even in winter on buildings with high internal heat gains due to lighting, people and machines, particularly in areas such as shops and lecture rooms. The heating operation under low temperature, down to -15°C can also be performed

- **Control Options**

Infra red remote controller with 24hr timer, simplified hard wired controller or hard wired remote controller with built in 7-day timer

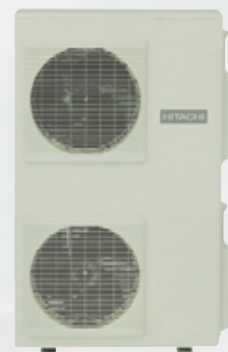
Compatible with H-LINK Control/Ready to Connect to PCS-6RAD Adapter



RAM-35QH5



RAM-90QH5



RAM-130QH5

Features	RAK 18QH8	RAK 25QH8	RAK 35QH8	RAK 50QH8
Auto Restart by Previous Mode	✓	✓	✓	✓
LED Self Diagnosis	✓	✓	✓	✓
Air Purifying Filter Type	SPX-CFH20	SPX-CFH20	SPX-CFH20	SPX-CFH20
Anti-bacterial Tangential Fan	✓	✓	✓	✓
Colour Choice	White & Dark Silver or Beige & Dark Chocolate			
Remote Controller Type	Infra Red (Std)-Wired (Opt)			
Remote Control Timer	24hr or 7 Day option			
H-LINK Compatible	✓	✓	✓	✓

## Multizone – Shirokuma Wall Mounted

Wall Mounted Indoor Units		RAK 18QH8	RAK 25QH8	RAK 35QH8	RAK 50QH8
Nominal Capacity (kW)	Cooling	2.0	2.5	3.5	5.0
	Heating	2.5	3.6	4.5	6.7
Indoor Sound Pressure Level dB(A)	Cooling	37/31/26/20	37/32/26/20	39/35/29/22	47/39/31/25
	Heating	38/32/27/20	39/33/27/20	41/35/30/22	48/39/31/25
Indoor Fan (m <sup>3</sup> /min)	Cooling	7.5/6.2/4.5/3.5	7.5/6.2/4.5/3.5	8.7/7.0/5.6/4.6	11.5/9.2/6.8/4.8
	Heating	9.5/7.0/5.5/3.3	9.5/7.0/5.5/3.3	10.3/8.5/6.6/4.4	13.0/9.6/7.3/4.8
Refrigerant Piping (mm (in))	Liquid	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas	9.52(3/8)	9.52(3/8)	9.52(3/8)	12.7(1/2)
Indoor Dimensions (mm) & Weight (Kg)	Height	295			
	Width	795			
	Depth	198			
	Weight	10			

## Multizone – Outdoor Units

Multi Split Outdoor Units		RAM-35QH5*	RAM-52QH5*	RAM-53QH5*	RAM-72QH5	RAM-90QH5	RAM-130QH5	
Nominal (Min~Max) Capacity (kW)	Cooling	3.5 (1.0-3.5)	5.2 (1.5-5.2)	5.2 (1.5-5.2)	7.1(2.4-8.8)	9.0(3.2-9.9)	12.6 (1.50 - 13.20)	
	Heating	4.2 (1.1-4.2)	6.8 (1.5-6.8)	6.8 (1.5-6.8)	8.6(2.6-9.5)	11.0(3.4-12.1)	14.4 (1.50 - 14.40)	
EER/COP		See Combination Tables						
	Energy Label	See Combination Tables						
Sound Pressure Level dB(A) Day (Night Set Back)	Cooling	49(43)	52(45)	52(45)	53(46)	55(46)	55(48)	
	Heating	51(44)	53(45)	53(45)	56(48)	58(52)	56(48)	
Dimensions (mm) & Weight (Kg)	Height	570	650	650	800	800	1450	
	Width	750	850	850	850	950	855	
	Depth	280	298	298	298	370	308	
	Weight	40	50	50	55	71	113	
Operating Range (°C)	Cooling	-10-43						
	Heating	-15-21						
Refrigerant Piping (mm (in))	Liquid	6.35(1/4) x 2	6.35 (1/4) x 2	6.35 (1/4) x 3	6.35 (1/4) x 4	6.35 (1/4) x 5	6.35 (1/4) x 6	
	Gas	9.52(3/8) x 2	9.52 (3/8) x 2	9.52 (3/8) x 3	9.52 x 3 ,12.7 x 1	9.52 x 3 ,12.7 x 2	9.52 (3/8) x 6	
Piping (m)	Indoor	-	-	-	-	-	1, 2, 3	4, 5, 6
	Length	35	35	45	60	75	45	45
	Chargeless	35	35	35	30	30	35	35
	Add. Charge	-	-	20g/m	20g/m	15g/m	20g/m	20g/m
	Indiv. Lgth	25	25	25	25	25	25	25
	Lift	10	10	10	10	10	10	10
Power Supply		AC 1Ph 220-230V 50Hz						
Power to		Outdoor						
Interconnecting Cables	No. / Indoor	3	3	3	3	3	3	
Starting current (A)		10	10	10	16	19	20	
Total Current (230v) (A)	Cooling	5.7	7.6	8.8	9.0	10.8	19.2	
	Heating	6.2	8.9	8.0	9.2	11.3	17.4	
Recommended Fuse Size (A)		16	16	16	30	30	30	

\*New models for 2009. Check availability with Hitachi Sales Offices. Details on specification may change.