

RAM Series Outdoor Unit



Inverter
Multizone

Model: Outdoor Unit	RAM-55GHA2	RAM-68GHA2	RAM-72GHA2	RAM-90GHA2	RAM-110GHA2
General Specifications					
Capacity					
Cooling Capacity (kW)	5.3	6.8	7.0	8.5	10.6
Cooling Capacity Range (kW)	1.5-6.6	2.4-8.8	2.4-8.8	1.5-9.5	1.5-13.2
Heating Capacity (kW)	6.8	8.5	8.5	11.0	13.6
Heating Capacity Range (kW)	1.5-7.2	2.8-9.5	2.8-9.5	1.5-11.5	1.5-14.4
EER / AEER	3.63 / 3.53	3.37 / 3.29	3.37 / 3.28	3.32 / 3.23	3.62 / 3.52
COP / ACOP	3.98 / 3.88	3.54 / 3.48	3.54 / 3.46	3.54 / 3.46	3.95 / 3.85
Multi Head Connection					
No. Of Indoor Units (Min / Max)	2 / 2	2 / 3	2 / 4	2 / 5	2 / 3 per Ref Circuit
Dimensions & Weights					
Outdoor Unit (H x W x D mm)	650 x 850 x 298	800 x 850 x 298	800 x 850 x 298	800 x 950 x 370	1450 x 855 x 308
Weight kg	50	55	55	71	113
Sound Pressure Level					
Outdoor Unit dB(a) Cool / Heat	52 / 53	53 / 56	53 / 56	55 / 58	55 / 56
Working Range					
Cooling (°C db)					-10° / 46°
Heating (°C db)					-15° / 21°

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Installer Specifications					
Piping					
Pipe Connection Sizes					
Liquid Ømm	2 x 6.35	3 x 6.35	4 x 6.35	5 x 6.35	6 x 6.35
Gas Ømm	2 x 9.52	3 x 9.52	1 x 12.7 / 3 x 9.52	2 x 12.7 / 3 x 9.52	6 x 9.52
Refrigerant				R 410A	
Refrigerant Flow Control				Electronic Expansion Valve	
Max Pipe Length (m) per circuit	35	60	60	75	45
Number of Circuits		1			2
Individual Pipe Length (m)			25		
Max Pre-Charged Length (m)	35		30		35
Max Pipe Lift (m)			20		
Max Height between Indoor Units			5		
Compressor Type			1 x DC Twin Rotary		2 x DC Twin Rotary
Refrigerant Flow Control				Electronic Expansion Valve	
Condenser Fan Air Flow / s	600		750		1083
Electrical					
Power Supply				240 / 150	
Run Current - Heating / Cooling	7.0 / 8.2	9.7 / 10.5	9.7 / 9.7	10.2 / 11.3	19.2 / 17.4
Recommended Fuse size	16	20	20	25	25
Interconnection Wires mains				2C + E 1.5mm ² *	
Interconnection Wires comms					

* RAK-70NH2 Interconnection 4C + E