



Quad-Split High-Wall Indoor Unit

CODE		121	121	140	200	230	
Performance							
Indoor Unit 1	RAV-	RM301KRTP-E	RM301KRTP-E	RM401KRTP-E	RM561KRTP-E	RM801KRTP-E	
Indoor Unit 2	RAV-	RM301KRTP-E	RM301KRTP-E	RM401KRTP-E	RM561KRTP-E	RM801KRTP-E	
Indoor Unit 3	RAV-	RM301KRTP-E	RM301KRTP-E	RM401KRTP-E	RM561KRTP-E	RM801KRTP-E	
Indoor Unit 4	RAV-	RM301KRTP-E	RM301KRTP-E	RM401KRTP-E	RM561KRTP-E	RM801KRTP-E	
Outdoor Unit	RAV-	GM1401ATP-E	GM1401AT8P-E	SM1603AT-E1	SM2246AT8-E	SM2806AT8-E	
Nominal	Cooling Capacity	kW	12.1	12.1	14.0	20.0	23.0
	Heating Capacity	kW	13.0	13.0	16.0	22.4	27.0
	EER/COP	W/W	2.57/3.37	2.57/3.37	2.65/3.30	2.81/3.50	2.41/3.41
	UK	Cooling Total/Sensible	kW	12.72/9.32	12.72/9.32	13.30/9.40	19.30/13.30
Cooling EN14825	Heating	kW	9.3	9.3	10.45	14.63	17.63
	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2	3.0 - 16.0	9.8 - 22.4	9.8 - 27.0
	Power Input	kW	4.71	4.71	4.57	7.12	9.55
	Pdesign	kW	6.70	6.70	14.0	20.0	23.5
	SEER/Energy Efficiency Class (or ηsc %)		5.24/206.6	5.24/206.6	4.97/195.8	5.82/229.8	5.33/210.2
	Seasonal Energy Consumption	kWh/a	687	687	-	-	-
	Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0	3.0 - 18.0	9.8 - 25.0
	Power Input	kW	3.86	3.86	4.24	6.40	7.92
	Pdesign	kW	8.00	8.00	10.0	20.0	22.0
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.19/164.6	4.19/164.6	3.90/153.0	3.76/147.4	3.62/141.8
	Seasonal Energy Consumption	kWh/a	2661	2661	-	-	-
Indoor Data							
Air Flow	High - Medium - Low	l/s	186 - 150 - 125	186 - 150 - 125	194 - 161 - 125	267 - 231 - 189	289 - 253 - 189
	High - Medium - Low	m³/h	670 - 540 - 450	670 - 540 - 450	700 - 580 - 450	960 - 830 - 680	1040 - 910 - 680
Sound	Pressure High - Medium - Low	dB(A)	40 - 34 - 29	40 - 34 - 29	41 - 36 - 30	42 - 39 - 36	45 - 41 - 35
	Power High - Medium - Low	dB(A)	55 - 49 - 44	55 - 49 - 44	55 - 51 - 45	57 - 54 - 51	60 - 56 - 51
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250	320 x 1050 x 250
	Weight	kg	10	10	10	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5	±0.5	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Second Dist. (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	1-1/8 - 1/2	1-1/8 - 1/2
	Max. Subtractive Separation Between Indoors	m	5	5	5	6	6
	Max. Length Main Distributor To Furthest Indoor	m	15	15	15	20	20
	Max. Distance From Second Distributor To Indoors	m	10	10	10	10	10
Drain Pipe Connection OD/ID	mm	VP16/14	VP16/14	VP16	VP16	VP16	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth	2 core + earth	2 core + earth	2 core + earth
Remote Controller (Infra-Red - hard-wired recommended)			WH-L17SE	WH-L17SE	WH-L17SE	WH-L17SE	WH-L17SE
Outdoor Data							
Operating Range	Cooling/Heating	°C	-15 to 46/-15 to 15	-15 to 46/-15 to 15	43 to -15/15 to -15	46 to -15/15 to -20	46 to -15/15 to -20
Air Flow	High	m³/h - l/s	4200 - 1167	4200 - 1167	6180 - 1717	8000 - 2222	9000 - 2500
Sound	Pressure High Cooling/Heating	dB(A)	55/57	55/57	51/53	56/57	57/58
	Power High Cooling/Heating	dB(A)	70/74	70/74	68/70	72/74	74/75
Unit	Height x Width x Depth	mm	890 x 900 x 320	890 x 900 x 320	1340 x 900 x 320	1540 x 900 x 320	1540 x 900 x 320
	Weight	kg	68	69	99	134	134
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	1-1/8 - 1/2	1-1/8 - 1/2
	Min.-Max. Length	m	5-50	5-50	5-50	5-100	5-100
	Maximum Height Difference	m	±30	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16	16
Refrigerant	Gas - Base Charge	kg	R32 - 2.1	R32 - 2.1	R410A - 3.1	R410A - 5.9	R410A - 5.9
	Additional Charge Main Liquid Side	g/m	35	35	40	80	80
	Additional Charge Second Dist. Liquid Side	g/m	20	20	20	40	40
	Additional Charge Sub Liquid Side	g/m	20	20	20	40	40
Run Current	Maximum	A	22.78	4.92	21.7	11.51	15.44
Power Cable	Outdoor to Header Indoor		3 core + earth	3 core + earth	3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-32	380-415/3/50-16	220-240/1/50-32	380-415/3/50-16	380-415/3/50-20

For Features and Accessories, please refer to the individual single-split system units.