



Quad-Split High-Wall Indoor Unit

CODE		121	123	140	
Performance					
Indoor Unit 1	RAV-	RM301KRTP-E	RM301KRTP-E	RM401KRTP-E	
Indoor Unit 2	RAV-	RM301KRTP-E	RM301KRTP-E	RM401KRTP-E	
Indoor Unit 3	RAV-	RM301KRTP-E	RM301KRTP-E	RM401KRTP-E	
Indoor Unit 4	RAV-	RM301KRTP-E	RM301KRTP-E	RM401KRTP-E	
Outdoor Unit	RAV-	GP1401AT-E	SP1404AT8-E1	SP1604AT8-E1	
Nominal	Cooling Capacity	kW	12.1	12.3	14.0
	Heating Capacity	kW	12.8	14.0	16.0
	EER/COP	W/W	3.45/3.66	3.08/3.61	2.75/3.28
	UK	Cooling Total/Sensible	kW	12.03/8.84	11.90/8.70
Cooling EN14825	Heating	kW	8.88	9.14	10.45
	Range Min. - Max.	kW	3.1 - 14.0	2.6 - 13.5	2.6 - 16.0
	Power Input	kW	3.55	4.00	5.10
	Pdesign	kW	12.5	12.3	14.0
	SEER/Energy Efficiency Class		6.69/264.6	6.12/241.8	6.06/239.4
	Seasonal Energy Consumption	kWh/a	-*	-	-
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	2.4 - 18.0	2.4 - 19.0
	Power Input	kW	3.66	3.83	4.88
	Pdesign	kW	9.60	11.8	12.0
	SCOP/Energy Efficiency Class		4.37/171.8	4.09/160.6	4.07/159.8
	Seasonal Energy Consumption	kWh/a	-*	-	-
Indoor Data					
Air Flow	High - Medium - Low	l/s	158 - 128 - 83	158 - 128 - 83	192 - 145 - 83
	High - Medium - Low	m³/h	570 - 462 - 300	570 - 462 - 300	690 - 522 - 300
Sound	Pressure High - Medium - Low	dB(A)	40 - 34 - 29	40 - 34 - 29	45 - 40 - 30
	Power High - Medium - Low	dB(A)	56 - 52 - 44	56 - 52 - 44	60 - 55 - 45
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230
	Weight	kg	10	10	10
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	3/8 - 1/4	1/2 - 1/4
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	3/8 - 1/4	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	5	5
	Max. Length Main Distributor To Furthest Indoor	m	15	15	15
	Max. Distance From Second Distributor To Indoors	m	10	10	10
Drain Pipe Connection ID/OD	mm	VP16/14	VP16/14	VP16/14	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth	2 core + earth
Remote Controller (Infra-Red - hard-wired recommended)		WH-TA09NE	WH-TA09NE	WH-L17SE	
Outdoor Data					
Operating Range	Cooling/Heating	°C	-15 to 52/-27 to 15	46 to -15/15 to -20	46 to -15/15 to -20
Air Flow	High	m³/h - l/s	6960 - 1933	6180 - 1717	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	50/51	51/52	51/53
	Power High Cooling/Heating	dB(A)	67/68	68/69	68/70
Unit	Height x Width x Depth	mm	1550 x 1010 x 370	1340 x 900 x 320	1340 x 900 x 320
	Weight	kg	104	95	95
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	3-50	3-50	3-50
	Maximum Height Difference	m	±30	±30	±30
	Drain Port Connection	mm	16	16	16
Refrigerant	Gas - Base Charge	kg	R32 - 3.1	R410A - 3.1	R410A - 3.1
	Additional Charge Main Liquid Side	g/m	35	40	40
	Additional Charge Second Dist. Liquid Side	g/m	20	40	40
	Additional Charge Sub Liquid Side	g/m	20	20	20
Run Current	Maximum	A	22.78	5.42	6.66
Power Cable	Outdoor to Header Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-25	380-415/3/50-16	380-415/3/50-16
* Waiting for published data.					

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