



Quad-Split Ceiling Indoor Unit

CODE		140	200	230	
Performance					
Indoor Unit 1	RAV-	RM401CTP-E	RM561CTP-E	RM801CTP-E	
Indoor Unit 2	RAV-	RM401CTP-E	RM561CTP-E	RM801CTP-E	
Indoor Unit 3	RAV-	RM401CTP-E	RM561CTP-E	RM801CTP-E	
Indoor Unit 4	RAV-	RM401CTP-E	RM561CTP-E	RM801CTP-E	
Outdoor Unit	RAV-	SM1603AT-E1	SM2246AT8-E	SM2806AT8-E	
Nominal	Cooling Capacity	kW	14.0	20.0	23.0
	Heating Capacity	kW	16.0	22.4	27.0
	EER/COP	W/W	3.01/3.47	2.81/3.50	2.41/3.41
	UK	Cooling Total/Sensible	kW	13.30/9.30	19.30/13.50
Cooling EN14825	Heating	kW	10.45	14.63	17.63
	Range Min. - Max.	kW	3.0 - 16.0	9.8 - 22.4	9.8 - 27.0
	Power Input	kW	4.65	7.12	9.55
	Pdesign	kW	14.0	20.0	23.5
	SEER/Energy Efficiency Class (or ηsc %)		4.99/196.6	5.90/233.0	5.16/203.4
	Seasonal Energy Consumption	kWh/a	-	-	-
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	9.8 - 25.0	9.8 - 31.5
	Power Input	kW	4.61	6.40	7.92
	Pdesign	kW	10.0	20.0	22.0
	SCOP/Energy Efficiency Class (or ηsc(A) %)		3.95/155.0	3.79/148.6	3.65/143.0
	Seasonal Energy Consumption	kWh/a	-	-	-
Indoor Data					
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	250 - 200 - 150	392 - 278 - 208
	High - Medium - Low	m³/h	900 - 720 - 540	900 - 720 - 540	1410 - 1002 - 750
Sound	Pressure High - Medium - Low	dB(A)	37 - 35 - 28	37 - 35 - 28	41 - 36 - 29
	Power High - Medium - Low	dB(A)	52 - 50 - 43	52 - 50 - 43	56 - 51 - 44
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 950 x 690	235 x 1270 x 690
	Weight	kg	23	23	29
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 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	1-1/8 - 1/2	1-1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	6	6
	Max. Length Main Distributor To Furthest Indoor	m	15	20	20
	Max. Distance From Second Distributor To Indoors	m	10	15	15
Drain Pipe Connection OD/ID	mm	VP20	VP20	VP20	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth	2 core + earth
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
Outdoor Data					
Operating Range	Cooling/Heating	°C	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	6180 - 1717	8000 - 2222	9000 - 2500
Sound	Pressure High Cooling/Heating	dB(A)	51/53	56/57	57/58
	Power High Cooling/Heating	dB(A)	68/70	72/74	74/75
Unit	Height x Width x Depth	mm	1340 x 900 x 320	1540 x 900 x 320	1540 x 900 x 320
	Weight	kg	99	134	134
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	1 1/8 - 1/2	1 1/8 - 1/2
	Min.-Max. Length	m	5-50	5-100	5-100
	Maximum Height Difference	m	±30	±30	±30
	Drain Port Connection	mm	16	16	16
Refrigerant	Gas - Base Charge	kg	R410A - 3.1	R410A - 5.9	R410A - 5.9
	Additional Charge Main Liquid Side	g/m	40	80	80
	Additional Charge Second Dist. Liquid Side	g/m	40	40	40
	Additional Charge Sub Liquid Side	g/m	20	20	40
Run Current	Maximum	A	21.7	11.51	15.44
Power Cable	Outdoor to Header Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-32	380-415/3/50-16	380-415/3/50-20

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