



Quad-Split Compact Cassette Indoor Unit

CODE		121	121	140	200	
Performance						
Indoor Unit 1	RAV-	RM301MUT-E	RM301MUT-E	RM401MUT-E	RM561MUT-E	
Indoor Unit 2	RAV-	RM301MUT-E	RM301MUT-E	RM401MUT-E	RM561MUT-E	
Indoor Unit 3	RAV-	RM301MUT-E	RM301MUT-E	RM401MUT-E	RM561MUT-E	
Indoor Unit 4	RAV-	RM301MUT-E	RM301MUT-E	RM401MUT-E	RM561MUT-E	
Outdoor Unit	RAV-	GM1401ATP-E	GM1401AT8P-E	SM1603AT-E1	SM2246AT8-E	
Nominal	Cooling Capacity	kW	12.1	12.1	14.0	20.0
	Heating Capacity	kW	12.8	12.8	16.0	22.4
	EER/COP	W/W	2.8/3.76	2.8/3.76	2.81/3.48	2.81/3.50
UK	Cooling Total/Sensible	kW	10.35/8.37	10.35/8.37	13.30/9.40	19.30/15.30
	Heating	kW	7.68	7.68	10.45	14.63
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2	2.6 - 16.0	9.8 - 22.4
	Power Input	kW	4.57	4.57	4.99	7.12
	Pdesign	kW	12.00	12.00	14.0	20.0
	SEER/Energy Efficiency Class		-*	-*	4.92/193.8	6.24/246.6
	Seasonal Energy Consumption	kWh/a	-*	-*	-	-
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0	2.4 - 19.0	9.8 - 25.0
	Power Input	kW	3.46	3.46	4.60	6.40
	Pdesign	kW	8.00	8.00	10.0	20.0
	SCOP/Energy Efficiency Class		-*	-*	3.98/156.2	4.03/158.2
	Seasonal Energy Consumption	kWh/a	-*	-*	-	-
Indoor Data						
Air Flow	High - Medium - Low	l/s	178 - 144 - 122	178 - 144 - 122	183 - 153 - 130	222 - 187 - 152
	High - Medium - Low	m ³ /h	640 - 520 - 440	640 - 520 - 440	660 - 552 - 468	798 - 672 - 546
Sound	Pressure High - Medium - Low	dB(A)	38 - 36 - 30	38 - 36 - 30	41 - 36 - 32	44 - 39 - 35
	Power High - Medium - Low	dB(A)	53 - 51 - 45	53 - 51 - 45	56 - 51 - 47	59 - 54 - 50
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15	15	15
Panel	Height x Width x Depth	mm	15 x 620 x 620	15 x 620 x 620	12 x 620 x 620	12 x 620 x 620
	Weight RBC-UM21PG(W)-E	kg	2.5	2.5	3	3
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	1/2 - 1/4	1/2 - 1/4
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8	1-1/8 - 1/2
	Max. Subtractive Separation Between Indoors	m	5	5	5	6
	Max. Length Main Distributor To Furthest Indoor	m	15	15	15	20
	Max. Distance From Second Distributor To Indoors	m	10	10	10	10
Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20	VP25	VP25	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth	2 core + earth	2 core + earth
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
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
Air Flow	High	m ³ /h - l/s	4200 - 1167	4200 - 1167	6180 - 1717	8000 - 2222
Sound	Pressure High Cooling/Heating	dB(A)	55/57	55/57	51/53	56/57
	Power High Cooling/Heating	dB(A)	70/74	70/74	68/70	72/74
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
	Weight	kg	68	69	99	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
	Min.-Max. Length	m	5-50	5-50	5-50	5-100
	Maximum Height Difference	m	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16
Refrigerant	Gas - Base Charge	kg	R32 - 2.1	R32 - 2.1	R410A - 3.1	R410A - 5.9
	Additional Charge Main Liquid Side	g/m	35	35	40	80
	Additional Charge Second Dist. Liquid Side	g/m	20	20	20	40
	Additional Charge Sub Liquid Side	g/m	20	20	20	20
Run Current	Maximum	A	20.75	6.9	21.7	11.51
Power Cable	Outdoor to Header Indoor		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
* Waiting for published data.						

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