



RAV Twin-Split Compact Cassette Indoor Unit

CODE		50	67	100	100	
Performance						
Indoor Unit 1		RAV-	SM307MUT-E	SM407MUT-E	SM567MUT-E	SM567MUT-E
Indoor Unit 2		RAV-	SM307MUT-E	SM407MUT-E	SM567MUT-E	SM567MUT-E
Outdoor Unit		RAV-	SM564ATP-E	SM804ATP-E	SM1104ATP-E	SM1104AT8P-E
Nominal	Cooling Capacity	kW	5.0	6.7	10.0	10.0
	Heating Capacity	kW	5.3	7.7	11.2	11.2
	EER/COP	W/W	3.03/3.49	3.02/3.62	3.16/3.75	3.16/3.75
UK	Cooling Total/Sensible	kW	4.80/3.50	6.40/4.20	9.50/7.60	9.50/7.60
	Heating	kW	3.79	5.51	8.01	8.01
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6	1.5 - 8.0	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	1.65	2.22	3.16	3.16
	Pdesign	kW	5.00	6.70	10.00	10.00
	SEER/Energy Efficiency Class		5.48/A	5.81/A+	5.04/B	5.04/B
	Seasonal Energy Consumption	kWh/a	319	404	695	695
Heating EN14825	Range Min. - Max.	kW	1.5 - 6.3	1.5 - 9.0	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	1.52	2.13	2.99	2.99
	Pdesign	kW	4.40	6.80	7.60	7.60
	SCOP/Energy Efficiency Class		4.16/A+	4.05/A+	4.17/A+	4.17/A+
	Seasonal Energy Consumption	kWh/a	1480	2349	2549	2549

Indoor Data		RAV-	SM307MUT-E	SM407MUT-E	SM567MUT-E	SM567MUT-E
Air Flow	High - Medium - Low	l/s	177 - 144 - 122	183 - 153 - 130	222 - 187 - 152	222 - 187 - 152
	High - Medium - Low	m³/h	640 - 520 - 440	660 - 552 - 468	798 - 672 - 546	798 - 672 - 546
Sound	Pressure High - Medium - Low	dB(A)	40 - 36 - 31	40 - 36 - 31	43 - 39 - 34	43 - 39 - 34
	Power High - Medium - Low	dB(A)	55 - 51 - 46	55 - 51 - 46	58 - 54 - 49	58 - 54 - 49
Unit	Height x Width x Depth	mm	268 x 575 x 575	268 x 575 x 575	268 x 575 x 575	268 x 575 x 575
	Weight	kg	16	17	17	17
Panel	Height x Width x Depth	mm	27 x 700 x 700	27 x 700 x 700	27 x 700 x 700	27 x 700 x 700
	Weight	kg	3	3	3	3
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 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	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	5	5	10	10
	Max. Length Distributor To Furthest Indoor	m	10	10	15	15
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25	VP32/25	VP32/25
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		RAV-	SM564ATP-E	SM804ATP-E	SM1104ATP-E	SM1104AT8P-E
Operating Range	Cooling/Heating	°C	46 to -15/15 to -15	46 to -15/15 to -15	46 to -15/15 to -15	46 to -15/15 to -15
Air Flow	High	m³/h - l/s	2400 - 667	2700 - 750	4080 - 1133	4080 - 1133
Sound	Pressure High Cooling/Heating	dB(A)	46/48	48/52	53/54	53/54
	Power High Cooling/Heating	dB(A)	63/65	65/69	70/71	70/71
Unit	Height x Width x Depth	mm	550 x 780 x 290	550 x 780 x 290	890 x 900 x 320	890 x 900 x 320
	Weight	kg	33	39	68	68
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	5-30	5-30	5-50	5-50
	Maximum Height Difference	m	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16
Refrigerant R410A	Base Charge/Chargeless Length	kg/m	1.1/22	1.7/22	2.8/32	3.1/30
	Additional Charge Main Liquid Side	g/m	20	40	40	40
	Additional Charge Sub Liquid Side	g/m	20	20	20	20
Run Current	Maximum	A	7.73	11.43	15.28	3.22
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	220-240/1/50-16	220-240/1/50-16	220-240/1/50-20	380-415/3/50-10

Accessories

RBC-AMS41E	Remote Controller Built-In Timer	Full control including service functions with fully-programmable 7-day timer
RBC-AMS54E-ES	Lite-Vision Plus Remote Controller	Includes timer and backlight display as well as power-save functions, multilingual
RBC-AS41E	Simplified Controller	Ideal for hotel and basic use applications (no service function available)
RBC-SMF1	Fan Interface	Interface to provide an output to enable an external fan from the unit
RBC-SMT1	CN02 Connector Timer Interface Lead	Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller
TCB-TC41LE	Remote Sensor	Room temperature sensing in conditioned space



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Indoor Unit 2		RAV-	SM307MUT-E	SM407MUT-E	SM567MUT-E	SM567MUT-E
Outdoor Unit		RAV-	SP564ATP-E	SP804ATP-E	SP1104AT-E1	SP1104AT8-E1
Nominal	Cooling Capacity	kW	4.0	7.1	10.0	10.0
	Heating Capacity	kW	4.5	8.0	11.2	11.2
	EER/COP	W/W	3.21/3.64	3.21/3.70	3.75/4.19	3.58/4.19
UK	Cooling Total/Sensible	kW	4.80/3.50	6.70/4.50	9.50/7.60	9.70/7.40
	Heating	kW	3.66	5.22	7.31	7.31
Cooling EN14825	Range Min. - Max.	kW	1.5 - 4.5	1.9 - 8.0	2.6 - 12.0	2.6 - 12.0
	Power Input	kW	1.56	2.21	2.67	2.79
	Pdesign	kW	5.00	7.10	10.00	10.00
	SEER/Energy Efficiency Class		5.61/A+	5.60/A+	5.67/A+	5.64/A+
	Seasonal Energy Consumption	kWh/a	312	444	618	621
Heating EN14825	Range Min. - Max.	kW	1.5 - 5.6	1.3 - 10.6	2.4 - 14.0	2.4 - 14.0
	Power Input	kW	1.54	2.16	2.67	2.67
	Pdesign	kW	5.40	7.00	11.60	11.60
	SCOP/Energy Efficiency Class		4.20/A+	3.86/A	3.90/A	3.90/A
	Seasonal Energy Consumption	kWh/a	1801	2756	4169	4169

Indoor Data		RAV-	SM307MUT-E	SM407MUT-E	SM567MUT-E	SM567MUT-E
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	High - Medium - Low	m ³ /h	640 - 520 - 440	660 - 552 - 468	798 - 672 - 546	798 - 672 - 546
Sound	Pressure High - Medium - Low	dB(A)	40 - 36 - 31	40 - 36 - 31	43 - 39 - 34	43 - 39 - 34
	Power High - Medium - Low	dB(A)	55 - 51 - 46	55 - 51 - 46	58 - 54 - 49	58 - 54 - 49
Unit	Height x Width x Depth	mm	268 x 575 x 575	268 x 575 x 575	268 x 575 x 575	268 x 575 x 575
	Weight	kg	16	17	17	17
Panel	Height x Width x Depth	mm	27 x 700 x 700	27 x 700 x 700	27 x 700 x 700	27 x 700 x 700
	Weight	kg	3	3	3	3
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 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	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10	10	10
	Max. Length Distributor To Furthest Indoor	m	10	10	15	15
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25	VP32/25	VP32/25
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		RAV-	SP564ATP-E	SP804ATP-E	SP1104AT-E1	SP1104AT8-E1
Operating Range	Cooling/Heating	°C	43 to -15/15 to -20	43 to -15/15 to -15	43 to -15/15 to -15	46 to -15/15 to -20
Air Flow	High	m ³ /h - l/s	2400 - 667	2400 - 667	6060 - 1683	6060 - 1683
Sound	Pressure High Cooling/Heating	dB(A)	47/48	45/47	49/50	49/50
	Power High Cooling/Heating	dB(A)	63/64	62/64	66/67	66/67
Unit	Height x Width x Depth	mm	550x780x290	550 x 780 x 290	1340 x 900 x 320	1340 x 900 x 320
	Weight	kg	44	66	93	95
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	5-50	5-50	3-50	3-50
	Maximum Height Difference	m	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16
Refrigerant R410A	Base Charge/Chargeless Length	kg/m	1.4/22	2.1/32	3.1/32	3.1/32
	Additional Charge Main Liquid Side	g/m	20	40	40	40
	Additional Charge Sub Liquid Side	g/m	20	20	20	20
Run Current	Maximum	A	6.55	10.4	10.43	3.72
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	220-240/1/50-16	220-240/1/50-16	220-240/1/50-16	380-415/3/50-10

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