



RAV 4-Way Cassette Indoor Unit

CODE		50	67	100	100	120	121	140
Performance								
Indoor Unit	RAV-	SM564UTP-E	SM804UTP-E	SM1104UTP-E	SM1104UTP-E	SM1404UTP-E	SM1404UTP-E	SM1604UTP-E
Outdoor Unit	RAV-	SM564ATP-E	SM804ATP-E	SM1104ATP-E	SM1104AT8P-E	SM1404ATP-E	SM1404AT8P-E	SM1603AT-E1
Nominal	Cooling Capacity	kW	5.0	6.7	10.0	10.0	12.0	14.0
	Heating Capacity	kW	5.3	7.7	11.2	11.2	12.8	16.0
	EER/COP	W/W	3.21/3.90	3.02/3.62	3.31/3.82	3.31/3.82	2.80/3.76	3.12/3.61
UK	Cooling Total/Sensible	kW	5.00/3.60	6.40/4.80	9.50/7.60	9.50/7.60	11.40/8.80	13.30/9.40
	Heating	kW	3.79	5.51	8.01	8.01	9.16	10.45
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6	1.5 - 8.0	3.0 - 11.2	3.0 - 11.2	3.0 - 13.2	3.0 - 16.0
	Power Input	kW	1.56	2.22	3.02	3.02	3.57	4.49
	Pdesign	kW	5.00	6.70	10.00	10.00	12.00	-
	SEER/Energy Efficiency Class		6.14/A++	5.81/A+	5.87/A+	5.87/A+	5.36/A	5.47/A
	Seasonal Energy Consumption	kWh/a	285	404	597	597	783	-
Heating EN14825	Range Min. - Max.	kW	1.5 - 6.3	1.5 - 9.0	3.0 - 13.0	3.0 - 13.0	3.0 - 16.0	3.0 - 18.0
	Power Input	kW	1.36	2.13	2.93	2.93	3.40	4.43
	Pdesign	kW	4.70	6.80	8.00	8.00	8.00	-
	SCOP/Energy Efficiency Class		4.51/A+	4.05/A+	4.28/A+	4.28/A+	4.19/A+	4.47/A
	Seasonal Energy Consumption	kWh/a	1459	2349	2616	2616	2672	-












Indoor Data		RAV-	SM564UTP-E	SM804UTP-E	SM1104UTP-E	SM1104UTP-E	SM1404UTP-E	SM1404UTP-E	SM1604UTP-E
Air Flow	High - Medium - Low	l/s	292 - 242 - 217	342 - 267 - 225	558 - 400 - 325	558 - 400 - 325	583 - 400 - 342	583 - 400 - 342	592 - 417 - 350
	High - Medium - Low	m³/h	1050 - 870 - 780	1230 - 960 - 810	2010 - 1440 - 1170	2010 - 1440 - 1170	2100 - 1440 - 1230	2100 - 1440 - 1230	2130 - 1500 - 1260
Sound	Pressure High - Medium - Low	dB(A)	32 - 29 - 28	35 - 31 - 28	43 - 38 - 33	43 - 38 - 33	44 - 38 - 34	44 - 38 - 34	45 - 40 - 36
	Power High - Medium - Low	dB(A)	47 - 44 - 43	50 - 46 - 43	58 - 53 - 48	58 - 53 - 48	59 - 53 - 49	59 - 53 - 49	60 - 55 - 51
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
	Weight	kg	20	20	24	24	24	24	24
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950
	Weight RBC-UM31PGP(W)-E	kg	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25	VP32/25	VP32/25	VP32/25	VP32/25	VP32/25
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E

Outdoor Data		RAV-	SM564ATP-E	SM804ATP-E	SM1104ATP-E	SM1104AT8P-E	SM1404ATP-E	SM1404AT8P-E	SM1603AT-E1
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	46 to -15/15 to -15	46 to -15/15 to -15	43 to -15/15 to -15
Air Flow	High	m³/h - l/s	2400 - 667	2700 - 750	4080 - 1133	4080 - 1133	4200 - 1167	4200 - 1167	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	46/48	48/52	53/54	53/54	54/55	54/55	51/53
	Power High Cooling/Heating	dB(A)	63/65	65/69	70/71	70/71	70/71	70/71	68/70
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	890 x 900 x 320	890 x 900 x 320	1340 x 900 x 320
	Weight	kg	40	44	68	68	68	68	99
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	5-30	5-30	5-50	5-50	5-50	5-50	5-50
	Maximum Height Difference	m	±30	±30	±30	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16	16	16	16
Refrigerant R410A	Base Charge/Chargeless Length	kg/m	1.1/20	1.7/20	2.8/30	3.1/30	2.8/30	3.1/30	3.1/30
	Additional Charge Liquid Side	g/m	20	40	40	40	40	40	40
Run Current	Maximum	A	8.58	10.4	14.6	3.67	20.74	5.37	21.7
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth	3 core + earth	3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-16	220-240/1/50-16	220-240/1/50-20	380-415/3/50-10	220-240/1/50-32	380-415/3/50-10	220-240/1/50-32

INDOOR RETAIL PRICE	£787	£888	£976	£976	£998	£998	£1,073
OUTDOOR RETAIL PRICE	£865	£1,212	£1,595	£1,725	£1,682	£1,849	£2,121
REMOTE CONTROLLER RBC-AMT32E	£52	£52	£52	£52	£52	£52	£52
SYSTEM RETAIL PRICE	£1,704	£2,152	£2,623	£2,753	£2,732	£2,899	£3,246

Accessories

RBC-AMS41E	Remote Controller Built-In Timer	Full control including service functions with fully-programmable 7-day timer	£68
RBC-AMS41E-ES	Lite-Vision Plus Remote Controller	Includes timer and backlight display as well as power-save functions, multilingual	£108
RBC-AS41E	Simplified Controller	Ideal for hotel and basic use applications (no service function available)	£72
RBC-SMF1	Fan Interface	Interface to provide an output to enable an external fan from the unit	£54
RBC-SMT1	CN02 Connector Timer Interface Lead	Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller	£9
RBC-AX32U(W)-E	4-Way Cassette Corner	Replacement corner pocket with built-in receiver and remote controller	£156
TCB-TC411E	Remote Sensor	Room temperature sensing in conditioned space	£67

-  False ceiling installation
-  Auto-diagnosis
-  Built-in drain pump
-  Self-cleaning
-  Single-split
-  Low ambient cooling to -15°C DB
-  Automatic restart
-  Louvre control
-  Chargeless
-  Wired controller
-  Individual louvre control