



## RAV Ceiling Indoor Unit

CODE		36	50	71	100	100	125	125	140	
<b>Performance</b>										
<b>Indoor Unit</b>		RAV-	SM408CTP-E	SM568CTP-E	SM808CTP-E	SM1108CTP-E	SM1108CTP-E	SM1408CTP-E	SM1408CTP-E	SM1608CTP-E
<b>Outdoor Unit</b>		RAV-	SP404ATP-E	SP564ATP-E	SP804ATP-E	SP1104AT-E1	SP1104AT8-E1	SP1404AT-E1	SP1404AT8-E1	SP1604AT8-E1
Nominal	Cooling Capacity	kW	3.6	5.0	7.1	10.0	10.0	12.5	12.5	14.0
	Heating Capacity	kW	4.0	5.6	8.0	11.2	11.2	14.0	14.0	16.0
UK	EER/COP	W/W	4.34/5.13	3.65/4.38	3.82/4.17	4.08/4.69	4.22/4.43	3.21/3.87	3.36/3.93	3.11/3.71
	Cooling Total/Sensible	kW	3.45/2.89	4.80/3.60	6.70/5.10	9.50/7.20	9.50/7.20	11.90/8.70	11.90/8.70	13.30/9.30
Cooling EN14825	Heating	kW	2.56	3.66	5.22	7.31	7.31	9.14	9.14	10.45
	Range Min. - Max.	kW	0.9 - 4.0	1.2 - 5.6	1.9 - 8.0	2.6 - 12.0	2.6 - 12.0	2.6 - 14.0	2.6 - 14.0	2.6 - 16.0
	Power Input	kW	1.20	1.37	1.86	2.45	2.37	3.90	3.72	4.50
	Pdesign	kW	3.60	5.00	7.10	10.00	10.00	-	-	-
	SEER/Energy Efficiency Class		5.96/A+	5.45/A	6.21/A++	6.18/A++	6.35/A++	-	-	-
	Seasonal Energy Consumption	kWh/a	211	321	400	567	551	-	-	-
Heating EN14825	Range Min. - Max.	kW	0.8 - 5.0	0.9 - 7.4	1.3 - 10.6	2.4 - 13.0	2.4 - 14.0	2.4 - 16.5	2.4 - 18.0	2.4 - 19.0
	Power Input	kW	0.78	1.28	1.92	2.39	2.53	3.62	3.56	4.31
	Pdesign	kW	4.00	5.40	7.60	11.60	11.60	-	-	-
	SCOP/Energy Efficiency Class		4.98/A++	4.28/A+	4.10/A+	4.27/A+	4.41/A+	-	-	-
	Seasonal Energy Consumption	kWh/a	1125	1765	2596	3801	3685	-	-	-

<b>Indoor Data</b>		RAV-	SM408CTP-E	SM568CTP-E	SM808CTP-E	SM1108CTP-E	SM1108CTP-E	SM1408CTP-E	SM1408CTP-E	SM1608CTP-E
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	250 - 200 - 150	392 - 278 - 208	517 - 375 - 283	517 - 375 - 283	567 - 425 - 333	567 - 425 - 333	567 - 425 - 333
	High - Medium - Low	m³/h	900 - 720 - 540	900 - 720 - 540	1410 - 1002 - 750	1860 - 1350 - 1020	1860 - 1350 - 1020	2040 - 1530 - 1200	2040 - 1530 - 1200	2040 - 1530 - 1200
Sound	Pressure High - Medium - Low	dB(A)	37 - 35 - 28	37 - 35 - 28	41 - 36 - 29	44 - 38 - 32	44 - 38 - 32	46 - 41 - 35	46 - 41 - 35	46 - 42 - 36
	Power High - Medium - Low	dB(A)	52 - 50 - 43	52 - 50 - 43	56 - 51 - 44	59 - 53 - 47	59 - 53 - 47	61 - 56 - 50	61 - 56 - 50	61 - 57 - 51
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 950 x 690	235 x 1270 x 690	235 x 1586 x 690	235 x 1586 x 690	235 x 1586 x 690	235 x 1586 x 690	235 x 1586 x 690
	Weight	kg	23	23	29	35	35	35	35	35
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	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	VP26/20	VP26/20	VP26/20	VP26/20	VP26/20	VP26/20	VP26/20	VP26/20
Remote Controller		RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E

<b>Outdoor Data</b>		RAV-	SP404ATP-E	SP564ATP-E	SP804ATP-E	SP1104AT-E1	SP1104AT8-E1	SP1404AT-E1	SP1404AT8-E1	SP1604AT8-E1
Operating Range	Cooling/Heating	°C	46 to -15/ 24 to -15	43 to -15/ 15 to -20	43 to -15/ 15 to -20	43 to -15/ 15 to -20	46 to -15/ 15 to -20	43 to -15/ 15 to -20	46 to -15/ 15 to -20	46 to -15/ 15 to -20
Air Flow	High	m³/h - l/s	2400 - 667	2400 - 667	3000 - 833	6060 - 1683	6060 - 1683	6180 - 1717	6180 - 1717	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	45/47	47/48	48/49	49/50	49/50	51/52	51/52	51/53
	Power High Cooling/Heating	dB(A)	62/64	63/64	64/65	66/67	66/67	68/69	68/69	68/70
Unit	Height x Width x Depth	mm	550 x 780 x 290	550 x 780 x 290	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
	Weight	kg	40	44	66	93	95	93	95	95
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	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	5-50	5-50	3-75	3-75	3-75	3-75	3-75
	Maximum Height Difference	m	±30	±30	±30	±30	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16	16	16	16	16
Refrigerant R410A	Base Charge/Chargeless Length	kg/m	1.0/20	1.4/20	2.1/30	3.1/30	3.1/30	3.1/30	3.1/30	3.1/30
	Additional Charge Liquid Side	g/m	20	20	40	40	40	40	40	40
Run Current	Maximum	A	4.98	6.55	9.02	10.43	3.72	15.76	5.42	6.66
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	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-10	220-240/1/50-16	220-240/1/50-16	220-240/1/50-16	380-415/3/50-10	220-240/1/50-25	380-415/3/50-16	380-415/3/50-16

### 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
TCB-DP31CE	Drain Pump	Condensate lift pump for ceiling-suspended units

