



Ceiling Indoor Unit

CODE		50	71	100	100
Performance					
Indoor Unit	RAV-	RM561CTP-E	RM801CTP-E	RM1101CTP-E	RM1101CTP-E
Outdoor Unit	RAV-	GP561ATP-E	GP801AT-E	GP1101AT-E	SP1104AT8-E1
Nominal	Cooling Capacity	kW	5.0	7.1	10.0
	Heating Capacity	kW	5.6	8.0	11.2
	EER/COP	W/W	3.65/4.03	4.44/4.44	4.48/4.71
UK	Cooling Total/Sensible	kW	4.8/3.9	7.4/5.5	9.5/7.9
	Heating	kW	3.55	5.25	8.00
Cooling EN14825	Range Min. - Max.	kW	1.2 - 5.6	1.9 - 8.0	3.1 - 12.0
	Power Input	kW	1.37	1.60	2.23
	Pdesign	kW	5.00	6.90	10.00
	SEER/Energy Efficiency Class (or ηsc %)		6.76/A++	7.95/A++	8.23/A++
	Seasonal Energy Consumption	kWh/a	259	312	425
Heating EN14825	Range Min. - Max.	kW	0.9 - 7.4	1.3 - 11.3	2.6 - 13.0
	Power Input	kW	1.39	1.80	2.38
	Pdesign	kW	3.80	6.80	7.60
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.7/A++	5.05/A++	4.72/A++
	Seasonal Energy Consumption	kWh/a	1130	1412	2726
Indoor Data					
Indoor Unit	RAV-	RM561CTP-E	RM801CTP-E	RM1101CTP-E	RM1101CTP-E
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	392 - 278 - 208	517 - 375 - 283
	High - Medium - Low	m³/h	900 - 720 - 540	1410 - 1000 - 750	1860 - 1350 - 1020
Sound	Pressure High - Medium - Low	dB(A)	37 - 35 - 28	41 - 36 - 29	44 - 38 - 32
	Power High - Medium - Low	dB(A)	52 - 50 - 43	56 - 51 - 44	59 - 53 - 47
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 1270 x 690	235 x 1586 x 690
	Weight	kg	23	29	37
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20	VP26/20
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
Outdoor Data					
Outdoor Unit	RAV-	GP561ATP-E	GP801AT-E	GP1101AT-E	SP1104AT8-E1
Operating Range	Cooling/Heating	°C	-15 to 52/-27 to 15	-15 to 52/-27 to 15	-15 to 52/-27 to 15
Air Flow	High	m³/h - l/s	2250 - 625	3180 - 883	6960 - 1934
Sound	Pressure High Cooling/Heating	dB(A)	46/48	46/48	49/50
	Power High Cooling/Heating	dB(A)	63/65	63/65	66/67
Unit	Height x Width x Depth	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370
	Weight	kg	45	74	104
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	3-50	3-50	3-75
	Maximum Height Difference	m	±30	±30	±30
	Drain Port Connection	mm	16	16	16
Refrigerant	Gas - Base Charge/Chargeless Length	kg/m	R32 - 1.35/20	R32 - 1.9/30	R32 - 3.1/30
	Additional Charge Liquid Side	g/m	20	35	40
Run Current	Maximum	A	6.71	8.70	11.39
Power Cable	Outdoor to Indoor		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

Accessories

RBC-AMS41E	Remote Controller Built-In Timer	Full control including service functions with fully-programmable 7-day timer
RBC-MTSC1	Mini Touch Screen Controller	Mini touch screen controller with configurable icons
RBC-AMS55E-ES	Remote Controller	Includes energy monitoring, 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-ASC11E	Compact Remote Controller	Simplified backlight display controller with timer off, multilingual
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-PCUC2E	Indoor Control Interface	Application Control Kit
TCB-TC41LE	Remote Sensor	Room temperature sensing in conditioned space



Ceiling installation



Auto-diagnosis



Chargeless



Self-cleaning



Single-split



Low ambient cooling to -15°C DB



Automatic restart



Drain connection both sides



Wired controller



Ceiling Indoor Unit (continued)

CODE			125	125	140
Performance					
Indoor Unit		RAV-	RM1401CTP-E	RM1401CTP-E	SM1608CTP-E
Outdoor Unit		RAV-	GP1401AT-E	SP1404AT8-E1	SP1604AT8-E1
Nominal	Cooling Capacity	kW	12.5	12.5	14.0
	Heating Capacity	kW	14.0	14.0	16.0
	EER/COP	W/W	4.30/4.61	3.36/3.93	3.11/3.71
UK	Cooling Total/Sensible	kW	11.9/8.9	11.90/8.70	13.30/9.30
	Heating	kW	9.76	9.14	10.45
Cooling EN14825	Range Min. - Max.	kW	3.1 - 14.0	2.6 - 14.0	2.6 - 16.0
	Power Input	kW	3.58	3.72	4.50
	Pdesign	kW	12.00	12.5	14.0
	SEER/Energy Efficiency Class (or ηsc %)		7.58/300.2	6.17/243.8	6.08/240.2
	Seasonal Energy Consumption	kWh/a	989	-	-
Heating EN14825	Range Min. - Max.	kW	2.6 - 16.5	2.4 - 18.0	2.4 - 19.0
	Power Input	kW	3.59	3.56	4.31
	Pdesign	kW	8.00	11.8	12.0
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.71/185.4	4.20/165.0	4.19/164.6
	Seasonal Energy Consumption	kWh/a	2852	-	-
Indoor Data					
Air Flow	High - Medium - Low	l/s	567 - 425 - 333	567 - 425 - 333	567 - 425 - 333
	High - Medium - Low	m³/h	2040 - 1530 - 1200	2040 - 1530 - 1200	2040 - 1530 - 1200
Sound	Pressure High - Medium - Low	dB(A)	46 - 41 - 35	46 - 41 - 35	46 - 42 - 36
	Power High - Medium - Low	dB(A)	61 - 56 - 50	61 - 56 - 50	61 - 57 - 51
Unit	Height x Width x Depth	mm	235 x 1586 x 690	235 x 1586 x 690	235 x 1586 x 690
	Weight	kg	37	37	35
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20	VP20
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
Outdoor Data					
Operating Range	Cooling/Heating	°C	-15 to 52/-27 to 15	46 to -15/15 to -20	46 to -15/15 to -20
Air Flow	High	m³/h - l/s	6960 - 1934	6180 - 1717	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	50/51	51/52	51/53
	Power High Cooling/Heating	dB(A)	67/68	68/69	68/70
Unit	Height x Width x Depth	mm	1550 x 1010 x 370	1340 x 900 x 320	1340 x 900 x 320
	Weight	kg	104	95	95
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	3-75	3-75	3-75
	Maximum Height Difference	m	±30	±30	±30
	Drain Port Connection	mm	16	16	16
Refrigerant	Gas - Base Charge/Chargeless Length	kg/m	R32 - 3.1/30	R410A - 3.1/30	R410A - 3.1/30
	Additional Charge Liquid Side	g/m	35	40	40
Run Current	Maximum	A	17.18	5.42	6.66
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-25	380-415/3/50-16	380-415/3/50-16

Accessories

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