



4-Way Cassette Indoor Unit

CODE		50	71	100	125	
Performance						
Indoor Unit		RAV-	RM561UTP-E	RM801UTP-E	RM1101UTP-E	RM1401UTP-E
Outdoor Unit		RAV-	GP561ATP-E	GP801AT-E	GP1101AT-E	GP1401AT-E
Nominal	Cooling Capacity	kW	5.0	7.1	10.0	12.5
	Heating Capacity	kW	5.6	8.0	11.2	14.0
	EER/COP	W/W	4.10/4.31	4.49/4.52	4.69/4.79	4.30/4.61
UK	Cooling Total/Sensible	kW	4.8/3.9	7.4/6.2	9.5/7.9	11.9/8.8
	Heating	kW	3.55	5.25	8.00	9.76
Cooling EN14825	Range Min. - Max.	kW	1.2 - 5.6	1.9 - 8.0	3.1 - 12.0	3.1 - 14.0
	Power Input	kW	1.22	1.58	2.13	3.16
	Pdesign	kW	5.00	7.10	10.00	12.50
	SEER/Energy Efficiency Class (or ηsc %)		7.61/A++	8.80/A+++	8.65/A+++	8.15/323
	Seasonal Energy Consumption	kWh/a	230	282	405	920
Heating EN14825	Range Min. - Max.	kW	0.9 - 8.1	1.3 - 11.3	2.6 - 13.0	2.6 - 16.5
	Power Input	kW	1.30	1.77	2.34	3.21
	Pdesign	kW	3.80	5.10	9.20	9.60
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.96/A+	5.22/A+++	4.73/A++	4.72/185.8
	Seasonal Energy Consumption	kWh/a	1071	1367	2719	2844

Indoor Data		RAV-	RM561UTP-E	RM801UTP-E	RM1101UTP-E	RM1401UTP-E
Air Flow	High - Medium - Low	l/s	292 - 242 - 217	342 - 267 - 225	558 - 400 - 325	583 - 400 - 342
	High - Medium - Low	m³/h	1050 - 870 - 780	1230 - 960 - 810	2010 - 1440 - 1170	2100 - 1440 - 1230
Sound	Pressure High - Medium - Low	dB(A)	32 - 29 - 28	35 - 31 - 28	43 - 38 - 33	44 - 38 - 34
	Power High - Medium - Low	dB(A)	47 - 44 - 43	50 - 46 - 43	56 - 53 - 48	59 - 53 - 49
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
	Weight	kg	20	20	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
	Weight RBC-U31PGP(W)-E	kg	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
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25	VP32/25	VP32/25
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E

Outdoor Data		RAV-	GP561ATP-E	GP801AT-E	GP1101AT-E	GP1401AT-E
Operating Range	Cooling/Heating	°C	-15 to 52/-27 to 15	-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	6960 - 1934
Sound	Pressure High Cooling/Heating	dB(A)	46/48	46/48	49/50	50/51
	Power High Cooling/Heating	dB(A)	63/65	63/65	66/67	67/68
Unit	Height x Width x Depth	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370	1550 x 1010 x 370
	Weight	kg	45	74	104	104
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	3-50	3-50	3-75	3-75
	Maximum Height Difference	m	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16
Refrigerant	Gas - Base Charge/Chargeless Length	kg/m	R32 - 1.35/20	R32 - 1.9/30	R32 - 3.1/30	R32 - 3.1/30
	Additional Charge Liquid Side	g/m	20	35	35	35
Run Current	Maximum	A	6.33	8.56	11.20	15.36
Power Cable	Outdoor to 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	220-240/1/50-25

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-TC41LE	Remote Sensor	Room temperature sensing in conditioned space

- False ceiling installation
- Self-cleaning
- Automatic restart
- Wired controller

- Auto-diagnosis
- Single-split
- Louvre control
- Individual louvre control

- Built-in drain pump
- Low ambient cooling to -15°C DB
- Chargeless



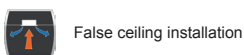


4-Way Cassette Indoor Unit (continued)

CODE			100	125	140
Performance					
Indoor Unit		RAV-	RM1101UTP-E	RM1401UTP-E	RM1604UTP-E
Outdoor Unit		RAV-	SP1104AT8-E1	SP1404AT8-E1	SP1604AT8-E1
Nominal	Cooling Capacity	kW	10.0	12.5	14.0
	Heating Capacity	kW	11.2	14.0	16.0
	EER/COP	W/W	4.22/4.63	3.61/4.79	3.12/3.72
UK	Cooling Total/Sensible	kW	9.70/7.40	12.10/8.40	13.50/9.00
	Heating	kW	7.31	9.14	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6 - 12.0	2.6 - 14.0	2.6 - 16.0
	Power Input	kW	2.37	3.46	4.49
	Pdesign	kW	10.00	12.5	14.0
	SEER/Energy Efficiency Class (or ηsc %)		6.57/A++	6.82/269.8	6.65/263.0
	Seasonal Energy Consumption	kWh/a	532	-	-
Heating EN14825	Range Min. - Max.	kW	2.4 - 15.6	2.4 - 18.0	2.4 - 19.0
	Power Input	kW	2.42	3.42	4.30
	Pdesign	kW	11.60	11.8	12.0
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.28/A++	4.29/168.6	4.24/166.6
	Seasonal Energy Consumption	kWh/a	3795	-	-
Indoor Data					
Air Flow	High - Medium - Low	l/s	558 - 400 - 325	583 - 400 - 342	583 - 400 - 342
	High - Medium - Low	m³/h	2010 - 1440 - 1170	2100 - 1440 - 1230	2100 - 1440 - 1230
Sound	Pressure High - Medium - Low	dB(A)	43 - 38 - 33	44 - 38 - 34	44 - 38 - 34
	Power High - Medium - Low	dB(A)	58 - 53 - 48	59 - 53 - 49	59 - 53 - 49
Unit	Height x Width x Depth	mm	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
	Weight	kg	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
	Weight RBC-U31PGP(W)-E	kg	4.2	4.2	4.2
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	VP32/25	VP32/25	VP32/25
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
Outdoor Data					
Operating Range	Cooling/Heating	°C	46 to -15/15 to -20	46 to -15/15 to -20	46 to -15/15 to -20
Air Flow	High	m³/h - l/s	6060 - 1683	6180 - 1717	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	49/50	51/52	51/53
	Power High Cooling/Heating	dB(A)	66/67	68/69	68/70
Unit	Height x Width x Depth	mm	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
	Weight	kg	95	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	R410A - 3.1/30	R410A - 3.1/30	R410A - 3.1/30
	Additional Charge Liquid Side	g/m	40	40	40
Run Current	Maximum	A	3.72	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	380-415/3/50-10	380-415/3/50-16	380-415/3/50-16

Accessories

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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



Individual louvre control



Wired controller