



## 4-Way Cassette Indoor Unit

CODE			50	67	95	95
<b>Performance</b>						
<b>Indoor Unit</b>		<b>RAV-</b>	<b>RM561UTP-E</b>	<b>RM801UTP-E</b>	<b>RM1101UTP-E</b>	<b>RM1101UTP-E</b>
<b>Outdoor Unit</b>		<b>RAV-</b>	<b>GM561ATP-E</b>	<b>GM801ATP-E</b>	<b>GM1101ATP-E</b>	<b>GM1101AT8P-E</b>
Nominal	Cooling Capacity	kW	5.0	6.7	9.5	9.5
	Heating Capacity	kW	5.3	7.7	11.2	11.2
	EER/COP	W/W	3.21/3.9	3.02/3.62	3.31/3.82	3.31/3.82
UK	Cooling Total/Sensible	kW	4.80/3.60	6.40/4.80	9.10/7.56	9.10/7.56
	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	1.56	2.22	2.87	2.87
	Pdesign	kW	5.00	6.70	9.50	9.50
	SEER/Energy Efficiency Class		6.34/A++	5.81/A+	6.15/A++	6.15/A++
	Seasonal Energy Consumption	kWh/a	285	404	597	597
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	1.36	2.13	2.93	2.93
	Pdesign	kW	2.80	5.10	8.00	8.00
	SCOP/Energy Efficiency Class		4.60/A+	4.42/A+	4.28/A+	4.28/A+
	Seasonal Energy Consumption	kWh/a	1459	2349	2616	2616
<b>Indoor Data</b>						
<b>RAV-</b>		<b>RAV-</b>	<b>RM561UTP-E</b>	<b>RM801UTP-E</b>	<b>RM1101UTP-E</b>	<b>RM1101UTP-E</b>
Air Flow	High - Medium - Low	l/s	292 - 242 - 217	342 - 267 - 225	558 - 400 - 325	558 - 400 - 325
	High - Medium - Low	m <sup>3</sup> /h	1050 - 870 - 780	1230 - 960 - 810	2010 - 1440 - 1170	2010 - 1440 - 1170
Sound	Pressure High - Medium - Low	dB(A)	32 - 29 - 28	35 - 31 - 28	43 - 38 - 33	43 - 38 - 33
	Power High - Medium - Low	dB(A)	47 - 44 - 43	50 - 46 - 43	58 - 53 - 48	58 - 53 - 48
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-UM31PGP(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
<b>Outdoor Data</b>						
<b>RAV-</b>		<b>RAV-</b>	<b>GM561ATP-E</b>	<b>GM801ATP-E</b>	<b>GM1101ATP-E</b>	<b>GM1101AT8P-E</b>
Operating Range	Cooling/Heating	°C	-15 to 46/-15 to 15	-15 to 46/-15 to 15	-15 to 46/-15 to 15	-15 to 46/-15 to 15
Air Flow	High	m <sup>3</sup> /h - l/s	2400 - 667	2700 - 750	4080 - 1133	4080 - 1133
Sound	Pressure High Cooling/Heating	dB(A)	46/48	48/52	54/57	54/57
	Power High Cooling/Heating	dB(A)	63/65	65/69	70/74	70/74
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	40	44	68	69
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	Gas - Base Charge/Chargeless Length	kg/m	R32 - 0.9/20	R32 - 0.9/20	R32 - 2.1/30	R32 - 2.1/30
	Additional Charge Liquid Side	g/m	20	35	35	35
Run Current	Maximum	A	7.31	10.40	14.20	4.75
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	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-MTSC1	Mini Touch Screen Controller	Mini touch screen controller with configurable icons*
RBC-AMS55E-ES	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-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



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





4-Way Cassette Indoor Unit (continued)

CODE			120	120	140
<b>Performance</b>					
<b>Indoor Unit</b>		RAV-	RM1401UTP-E	RM1401UTP-E	SM1604UTP-E
<b>Outdoor Unit</b>		RAV-	GM1401ATP-E	GM1401AT8P-E	SM1603AT-E1
Nominal	Cooling Capacity	kW	12.0	12.0	14.0
	Heating Capacity	kW	12.8	12.8	16.0
	EER/COP	W/W	2.8/3.76	2.8/3.76	3.12/3.61
UK	Cooling Total/Sensible	kW	11.40/8.80	11.40/8.80	13.30/9.40
	Heating	kW	9.30	9.30	10.45
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2	3.0 - 16.0
	Power Input	kW	3.57	3.57	4.49
	Pdesign	kW	12.00	12.00	14.00
	SEER/Energy Efficiency Class		5.71/A+	5.71/A+	5.25/207.0
	Seasonal Energy Consumption	kWh/a	783	783	-
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0	3.0 - 18.0
	Power Input	kW	3.46	3.46	4.43
	Pdesign	kW	8.00	8.00	10.00
	SCOP/Energy Efficiency Class		4.29/A+	4.29/A+	4.05/159.0
	Seasonal Energy Consumption	kWh/a	2672	2672	-
<b>Indoor Data</b>					
Air Flow	High - Medium - Low	l/s	583 - 400 - 342	583 - 400 - 342	592 - 417 - 350
	High - Medium - Low	m³/h	2100 - 1440 - 1230	2100 - 1440 - 1230	2130 - 1500 - 1260
Sound	Pressure High - Medium - Low	dB(A)	44 - 38 - 34	44 - 38 - 34	45 - 40 - 36
	Power High - Medium - Low	dB(A)	59 - 53 - 49	59 - 53 - 49	60 - 55 - 51
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-UM31PGP(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
<b>Outdoor Data</b>					
Operating Range	Cooling/Heating	°C	-15 to 46/-15 to 15	-15 to 46/-15 to 15	43 to -15/15 to -15
Air Flow	High	m³/h - l/s	4200 - 1167	4200 - 1167	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	55/57	55/57	51/53
	Power High Cooling/Heating	dB(A)	70/74	70/74	68/70
Unit	Height x Width x Depth	mm	890 x 900 x 320	890 x 900 x 320	1340 x 900 x 320
	Weight	kg	68	69	99
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	5-50	5-50	5-50
	Maximum Height Difference	m	±30	±30	±30
	Drain Port Connection	mm	16	16	16
Refrigerant	Gas - Base Charge/Chargeless Length	kg/m	R32 - 2.1/30	R32 - 2.1/30	R410A - 3.1/30
	Additional Charge Liquid Side	g/m	35	35	40
Run Current	Maximum	A	20.75	6.90	21.7
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-32	380-415/3/50-16	220-240/1/50-32

Accessories

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