



Ducted Indoor Unit

CODE		50	67	95	95	
<b>Performance</b>						
<b>Indoor Unit</b>		RAV-	RM561BTP-E	RM801BTP-E	RM1101BTP-E	RM1101BTP-E
<b>Outdoor Unit</b>		RAV-	GM561ATP-E	GM801ATP-E	GM1101ATP-E	GM1101AT8P-E
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	2.73/3.27	2.82/3.32	3.18/3.75	3.18/3.75
UK	Cooling Total/Sensible	kW	4.80/3.60	6.30/4.90	9.10/7.37	9.10/7.37
	Heating	kW	3.79	5.51	8.01	8.01
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6	1.5 - 7.4	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	1.83	2.38	2.99	2.99
	Pdesign	kW	5.00	6.70	9.50	9.50
	SEER/Energy Efficiency Class (or ηsc %)		5.28/A	5.2/A	5.28/A	5.28/A
Heating EN14825	Seasonal Energy Consumption	kWh/a	365	466	696	696
	Range Min. - Max.	kW	1.5 - 6.3	1.5 - 9.0	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	1.62	2.32	2.99	2.99
	Pdesign	kW	2.80	5.10	7.60	7.60
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.08/A+	4.13/A+	4.19/A+	4.19/A+
	Seasonal Energy Consumption	kWh/a	1549	2450	2569	2569

<b>Indoor Data</b>		RAV-	RM561BTP-E	RM801BTP-E	RM1101BTP-E	RM1101BTP-E
Air Flow	High - Medium - Low	l/s	222 - 175 - 133	333 - 258 - 200	583 - 458 - 350	583 - 458 - 350
	High - Medium - Low	m³/h	800 - 630 - 480	1200 - 930 - 720	2100 - 1650 - 1260	2100 - 1650 - 1260
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)	30 (120 - 30)	50 (120 - 30)	50 (120 - 30)
Sound	Pressure High - Medium - Low	dB(A)	33 - 29 - 25	34 - 30 - 26	40 - 36 - 33	40 - 36 - 33
	Power High - Medium - Low	dB(A)	48 - 44 - 40	49 - 45 - 41	55 - 51 - 48	55 - 51 - 48
Unit	Height x Width x Depth	mm	275 x 700 x 750	275 x 1000 x 750	275 x 1400 x 750	275 x 1400 x 750
	Weight	kg	23	30	40	40
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 Upper - Lower	mm	VP25 - VP25	VP25 - VP25	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850	< 850	< 850
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E

<b>Outdoor Data</b>		RAV-	GM561ATP-E	GM801ATP-E	GM1101ATP-E	GM1101AT8P-E
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	m³/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
Pipe Connection	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 - 1.3/20	R32 - 2.1/30
	Additional Charge Liquid Side	g/m	20	35	35	35
Run Current	Maximum	A	8.58	11.20	14.50	4.85
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
TCB-AX32E2	External Receiver	Independent receiver and WH-L11SE remote controller for all models
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-SF56C6BPE	Discharge Spigot 2 x 200 mm	RAV-SM40#_56#BTP-E1
TCB-SF80C6BPE	Discharge Spigot 3 x 200 mm	RAV-SM80#BTP-E1
TCB-SF160C6BPE	Discharge Spigot 4 x 200 mm	RAV-SM110#_160#BTP-E

-  Concealed false ceiling installation
-  Auto-diagnosis
-  Low ambient cooling to -15°C DB
-  Built-in drain pump
-  Self-cleaning
-  Single-split
-  Chargeless
-  Wired controller
-  Automatic restart





Ducted Indoor Unit (continued)

CODE			121	121	140
<b>Performance</b>					
<b>Indoor Unit</b>		RAV-	RM1401BTP-E	RM1401BTP-E	SM1606BTP-E
<b>Outdoor Unit</b>		RAV-	GM1401ATP-E	GM1401AT8P-E	SM1603AT-E1
Nominal	Cooling Capacity	kW	12.1	12.1	14.0
	Heating Capacity	kW	12.8	12.8	16.0
	EER/COP	W/W	2.74/3.61	2.74/3.61	2.73/3.41
UK	Cooling Total/Sensible	kW	11.15/8.90	11.15/8.90	13.30/9.30
	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	4.67	4.42	5.13
	Pdesign	kW	12.00	12.00	14.00
	SEER/Energy Efficiency Class (or ηsc %)		5.36/211.4	5.36/211.4	4.60/181.0
	Seasonal Energy Consumption	kWh/a	-	-	-
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0	3.0 - 18.0
	Power Input	kW	3.6	3.6	4.69
	Pdesign	kW	8.00	8.00	10.00
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.19/164.6	4.19/164.6	3.72/145.8
	Seasonal Energy Consumption	kWh/a	-	-	-

<b>Indoor Data</b>		RAV-	RM1401BTP-E	RM1401BTP-E	SM1606BTP-E
Air Flow	High - Medium - Low	l/s	583 - 458 - 350	583 - 458 - 350	583 - 458 - 350
	High - Medium - Low	m³/h	2100 - 1650 - 1260	2100 - 1650 - 1260	2100 - 1650 - 1260
External Static Pressure	Standard (Upper - Lower)	Pa	50 (120 - 30)	50 (120 - 30)	50 (120-30)
Sound	Pressure High - Medium - Low	dB(A)	40 - 36 - 33	40 - 36 - 33	40 - 36 - 33
	Power High - Medium - Low	dB(A)	55 - 51 - 48	55 - 51 - 48	55 - 51 - 48
Unit	Height x Width x Depth	mm	275 x 1400 x 750	275 x 1400 x 750	275 x 1400 x 750
	Weight	kg	40	40	40
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850	< 850
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E

<b>Outdoor Data</b>		RAV-	GM1401ATP-E	GM1401AT8P-E	SM1603AT-E1
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	21.40	7.15	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

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-AMS5E-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
TCB-AX32E2	External Receiver	Independent receiver and WH-L11SE remote controller for all models
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TCB-SF80C6BPE	Discharge Spigot 3 x 200 mm	RAV-SM80#BTP-E1
TCB-SF160C6BPE	Discharge Spigot 4 x 200 mm	RAV-SM110#_160#BTP-E



Concealed false ceiling installation



Auto-diagnosis



Low ambient cooling to -15°C DB



Built-in drain pump



Self-cleaning



Single-split



Chargeless



Wired controller



Automatic restart