



Twin-Split Ducted Indoor Unit

CODE			100	100	125
Performance					
Indoor Unit 1		RAV-	RM561BTP-E	RM561BTP-E	RM801BTP-E
Indoor Unit 2		RAV-	RM561BTP-E	RM561BTP-E	RM801BTP-E
Outdoor Unit		RAV-	GP1101AT-E	SP1104AT8-E1	GP1401AT-E
Nominal	Cooling Capacity	kW	10.0	10.0	12.5
	Heating Capacity	kW	11.2	11.2	14.0
	EER/COP	W/W	4.17/4.10	3.79/4.04	3.50/3.86
UK	Cooling Total/Sensible	kW	9.6/8.0	9.70/7.20	11.8/9.0
	Heating	kW	8.00	7.31	9.76
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	2.6 - 12.0	3.1 - 14.0
	Power Input	kW	2.40	2.64	3.57
	Pdesign	kW	10.00	10.00	12.00
	SEER/Energy Efficiency Class (or ηsc %)		6.74/A++	5.65/A+	6.27/239.4
	Seasonal Energy Consumption	kWh/a	696	619	707
Heating EN14825	Range Min. - Max.	kW	2.6 - 13.0	2.4 - 15.6	2.6 - 16.5
	Power Input	kW	2.73	2.77	3.63
	Pdesign	kW	7.60	10.80	8.00
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.26/A+	3.87/A	4.25/166.6
	Seasonal Energy Consumption	kWh/a	2569	3906	2569
Indoor Data					
Air Flow	High - Medium - Low	l/s	222 - 175 - 133	222 - 175 - 133	333 - 258 - 200
	High - Medium - Low	m³/h	800 - 630 - 480	800 - 630 - 480	1200 - 930 - 720
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)	30 (120 - 30)	30 (120 - 30)
Sound	Pressure High - Medium - Low	dB(A)	33 - 29 - 25	33 - 29 - 25	34 - 30 - 26
	Power High - Medium - Low	dB(A)	55 - 51 - 46	55 - 51 - 46	55 - 51 - 46
Unit	Height x Width x Depth	mm	275 x 700 x 750	275 x 700 x 750	275 x 1000 x 750
	Weight	kg	23	23	30
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850	< 850
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth	2 core + earth
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	-15 to 52/-27 to 15
Air Flow	High	m³/h - l/s	6960 - 1933	6060 - 1683	6960 - 1933
Sound	Pressure High Cooling/Heating	dB(A)	49/50	49/50	50/51
	Power High Cooling/Heating	dB(A)	66/67	66/67	67/68
Unit	Height x Width x Depth	mm	1550 x 1010 x 370	1340 x 900 x 320	1550 x 1010 x 370
	Weight	kg	104	95	104
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	3-50	3-50	3-50
	Maximum Height Difference	m	±30	±30	±30
	Drain Port Connection	mm	16	16	16
Refrigerant	Gas - Base Charge	kg	R32 - 3.1	R410A - 3.1	R32 - 3.1
	Additional Charge Main Liquid Side	g/m	35	40	35
	Additional Charge Sub Liquid Side	g/m	20	20	20
Run Current	Maximum	A	13.06	3.72	17.37
Power Cable	Outdoor to Header Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-20	380-415/3/50-10	220-240/1/50-25

For Features and Accessories, please refer to the individual single-split system units.



Twin-Split Ducted Indoor Unit (continued)

CODE			125	140
Performance				
Indoor Unit 1		RAV-	RM801BTP-E	RM801BTP-E
Indoor Unit 2		RAV-	RM801BTP-E	RM801BTP-E
Outdoor Unit		RAV-	SP1404AT8-E1	SP1604AT8-E1
Nominal	Cooling Capacity	kW	12.5	14.0
	Heating Capacity	kW	14.0	16.0
	EER/COP	W/W	3.24/3.81	3.01/3.48
UK	Cooling Total/Sensible	kW	12.10/9.00	13.50/10.10
	Heating	kW	9.14	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6 - 14.0	2.6 - 16.0
	Power Input	kW	3.86	4.65
	Pdesign	kW	12.5	14.0
	SEER/Energy Efficiency Class (or ηsc %)		5.49/-	5.45/-
	Seasonal Energy Consumption	kWh/a	-	-
Heating EN14825	Range Min. - Max.	kW	2.4 - 18.0	2.4 - 19.0
	Power Input	kW	3.67	4.60
	Pdesign	kW	11.8	12.0
	SCOP/Energy Efficiency Class (or ηsc(A) %)		3.96/-	3.94/-
	Seasonal Energy Consumption	kWh/a	-	-
Indoor Data				
Air Flow	High - Medium - Low	l/s	333 - 275 - 242	333 - 275 - 242
	High - Medium - Low	m³/h	1200 - 990 - 870	1200 - 990 - 870
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)	30 (120 - 30)
Sound	Pressure High - Medium - Low	dB(A)	34 - 30 - 26	34 - 30 - 26
	Power High - Medium - Low	dB(A)	55 - 51 - 46	55 - 51 - 46
Unit	Height x Width x Depth	mm	275 x 1000 x 750	275 x 1000 x 750
	Weight	kg	30	30
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
Lift Pump Drain Height from Unit Base	mm	< 850	< 850	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote Controller			RBC-AMT32E	RBC-AMT32E
Outdoor Data				
Operating Range	Cooling/Heating	°C	46 to -15/15 to -20	46 to -15/15 to -20
Air Flow	High	m³/h - l/s	6180 - 1717	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	51/52	51/53
	Power High Cooling/Heating	dB(A)	68/69	68/70
Unit	Height x Width x Depth	mm	1340 x 900 x 320	1340 x 900 x 320
	Weight	kg	95	95
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	3-50	3-50
	Maximum Height Difference	m	±30	±30
	Drain Port Connection	mm	16	16
Refrigerant	Gas - Base Charge	kg	R410A - 3.1	R410A - 3.1
	Additional Charge Main Liquid Side	g/m	40	40
	Additional Charge Sub Liquid Side	g/m	40	40
Run Current	Maximum	A	5.42	6.66
Power Cable	Outdoor to Header Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	380-415/3/50-16	380-415/3/50-16

For Features and Accessories, please refer to the individual single-split system units.