



Twin-Split Ducted Indoor Unit

CODE		95	95	121	121	
<b>Performance</b>						
Indoor Unit 1		RAV-	RM561BTP-E	RM561BTP-E	RM801BTP-E	RM801BTP-E
Indoor Unit 2		RAV-	RM561BTP-E	RM561BTP-E	RM801BTP-E	RM801BTP-E
Outdoor Unit		RAV-	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E	GM1401AT8P-E
Nominal	Cooling Capacity	kW	9.5	9.5	12.1	12.1
	Heating Capacity	kW	11.2	11.2	12.8	12.8
	EER/COP	W/W	3.18/3.75	3.18/3.75	2.74/3.61	2.74/3.61
UK	Cooling Total/Sensible	kW	9.10/7.37	9.10/7.37	11.15/8.90	11.15/8.90
	Heating	kW	8.01	8.01	9.30	9.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	2.99	2.99	4.67	4.42
	Pdesign	kW	9.50	9.50	12.00	12.00
	SEER/Energy Efficiency Class (or ηsc %)		5.28/A	5.28/A	5.36/211.4	5.36/211.4
	Seasonal Energy Consumption	kWh/a	630	630	707	707
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	2.99	2.99	3.60	3.60
	Pdesign	kW	7.60	7.60	8.00	8.00
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.22/A+	4.22/A+	4.21/165.4	4.21/165.4
	Seasonal Energy Consumption	kWh/a	2520	2520	2569	2569
<b>Indoor Data</b>						
Air Flow	High - Medium - Low	l/s	222 - 175 - 133	222 - 175 - 133	333 - 258 - 200	333 - 258 - 200
	High - Medium - Low	m³/h	800 - 630 - 480	800 - 630 - 480	1200 - 930 - 720	1200 - 930 - 720
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30 )	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	34 - 30 - 26
	Power High - Medium - Low	dB(A)	48 - 44 - 40	48 - 44 - 40	49 - 45 - 41	49 - 45 - 41
Unit	Height x Width x Depth	mm	275 x 700 x 750	275 x 700 x 750	275 x 1000 x 750	275 x 1000 x 750
	Weight	kg	23	23	30	30
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±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	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15	15	15
	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	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth	2 core + earth	2 core + earth
Remote Controller			RBC-AMT32E	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	-15 to 46/-15 to 15	-15 to 46/-15 to 15
Air Flow	High	m³/h - l/s	4080 - 1133	4080 - 1133	4200 - 1167	4200 - 1167
Sound	Pressure High Cooling/Heating	dB(A)	54/57	54/57	55/57	55/57
	Power High Cooling/Heating	dB(A)	70/74	70/74	70/74	70/74
Unit	Height x Width x Depth	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
	Weight	kg	68	69	68	69
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	5-50	5-50	5-50	5-50
	Maximum Height Difference	m	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16
Refrigerant	Gas - Base Charge	kg	R32 - 2.1	R32 - 2.1	R32 - 2.1	R32 - 2.1
	Additional Charge Main Liquid Side	g/m	35	35	35	35
	Additional Charge Sub Liquid Side	g/m	20	20	20	20
Run Current	Maximum	A	14.50	4.85	21.40	7.15
Power Cable	Outdoor to Header Indoor		3 core + earth	3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-20	380-415/3/50-10	220-240/1/50-32	380-415/3/50-16
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For Features and Accessories, please refer to the individual single-split system units.



Twin-Split Ducted Indoor Unit (continued)

CODE			140	200	230
<b>Performance</b>					
<b>Indoor Unit 1</b>		RAV-	<b>RM801BTP-E</b>	<b>RM1101BTP-E</b>	<b>RM1401BTP-E</b>
<b>Indoor Unit 2</b>		RAV-	<b>RM801BTP-E</b>	<b>RM1101BTP-E</b>	<b>RM1401BTP-E</b>
<b>Outdoor Unit</b>		RAV-	<b>SM1603AT-E1</b>	<b>SM2246AT8-E</b>	<b>SM2806AT8-E</b>
Nominal	Cooling Capacity	kW	14.0	20.0	23.0
	Heating Capacity	kW	16.0	22.4	27.0
	EER/COP	W/W	2.73/3.41	2.81/3.50	2.41/3.41
UK	Cooling Total/Sensible	kW	13.30/9.30	19.30/13.50	22.20/15.00
	Heating	kW	10.45	14.63	17.63
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	9.8 - 22.4	9.8 - 27.0
	Power Input	kW	5.13	7.12	9.55
	Pdesign	kW	14.0	20.0	23.5
	SEER/Energy Efficiency Class (or ηsc %)		4.70/185.0	5.23/206.2	5.10/201.0
	Seasonal Energy Consumption	kWh/a	-	-	-
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	9.8 - 25.0	9.8 - 31.5
	Power Input	kW	4.69	6.40	7.92
	Pdesign	kW	10.0	22.0	25.0
	SCOP/Energy Efficiency Class (or ηsc(A) %)		3.74/146.6	3.72/145.8	3.64/142.6
	Seasonal Energy Consumption	kWh/a	-	-	-
<b>Indoor Data</b>					
Air Flow	High - Medium - Low	l/s	333 - 258 - 200	583 - 458 - 350	583 - 458 - 350
	High - Medium - Low	m³/h	1200 - 930 - 720	2100 - 1650 - 1260	2100 - 1650 - 1260
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)	50 (120 - 30)	50 (120 - 30)
Sound	Pressure High - Medium - Low	dB(A)	34 - 30 - 26	40 - 36 - 33	40 - 36 - 33
	Power High - Medium - Low	dB(A)	49 - 45 - 41	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
	Height Difference Indoor To Indoor	m	±0.5	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	1-1/8 - 1/2	1-1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10	10
	Max. Length Distributor To Furthest Indoor	m	15	20	20
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850	< 850
Power Cable	Indoor to Indoor		3 core + earth	2 core + earth	2 core + earth
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
<b>Outdoor Data</b>					
Operating Range	Cooling/Heating	°C	43 to -15/15 to -15	46 to -15/15 to -20	46 to -15/15 to -20
Air Flow	High	m³/h - l/s	6180 - 1717	8000 - 2222	9000 - 2500
Sound	Pressure High Cooling/Heating	dB(A)	51/53	56/57	57/58
	Power High Cooling/Heating	dB(A)	68/70	72/74	74/75
Unit	Height x Width x Depth	mm	1340 x 900 x 320	1540 x 900 x 320	1540 x 900 x 320
	Weight	kg	99	134	134
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	1-1/8 - 1/2	1-1/8 - 1/2
	Min.-Max. Length	m	5-50	5-100	5-100
	Maximum Height Difference	m	±30	±30	±30
	Drain Port Connection	mm	16	16	16
Refrigerant	Gas - Base Charge	kg	R410A - 3.1	R410A - 5.9	R410A - 5.9
	Additional Charge Main Liquid Side	g/m	40	80	80
	Additional Charge Sub Liquid Side	g/m	40	40	40
Run Current	Maximum	A	21.7	11.51	15.44
Power Cable	Outdoor to Header Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-32	380-415/3/50-16	380-415/3/50-20

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