



Triple-Split Slim Ducted Indoor Unit

CODE		95	95	121	121	140	
Performance							
Indoor Unit 1	RAV-	RM301SDT-E	RM301SDT-E	RM401SDT-E	RM401SDT-E	RM561SDT-E	
Indoor Unit 2	RAV-	RM301SDT-E	RM301SDT-E	RM401SDT-E	RM401SDT-E	RM561SDT-E	
Indoor Unit 3	RAV-	RM301SDT-E	RM301SDT-E	RM401SDT-E	RM401SDT-E	RM561SDT-E	
Outdoor Unit	RAV-	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E	GM1401AT8P-E	SM1603AT-E1	
Nominal	Cooling Capacity	kW	9.5	9.5	12.1	12.1	14.0
	Heating Capacity	kW	11.2	11.2	12.8	12.8	16.0
	EER/COP	W/W	3.14/3.75	3.14/3.75	2.74/3.61	2.74/3.61	2.81/3.41
UK	Cooling Total/Sensible	kW	9.60/6.80	9.60/6.80	10.35/8.52	10.35/8.52	13.30/9.30
	Heating	kW	8.01	8.01	7.68	7.68	10.45
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2	3.0 - 13.2	3.0 - 13.2	3.0 - 16.0
	Power Input	kW	3.03	3.03	4.67	4.42	4.99
	Pdesign	kW	9.50	9.50	12.00	12.00	14.0
	SEER/Energy Efficiency Class		5.32/A	5.32/A	-*	-*	4.86/191.4
Heating EN14825	Seasonal Energy Consumption	kWh/a	696	696	-*	-*	-
	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0	3.0 - 16.0	3.0 - 16.0	3.0 - 18.0
	Power Input	kW	2.99	2.99	3.60	3.60	4.69
	Pdesign	kW	7.40	7.40	8.00	8.00	10.0
	SCOP/Energy Efficiency Class		4.19/A+	4.19/A+	-*	-*	3.92/153.8
Seasonal Energy Consumption	kWh/a	2569	2569	-*	-*	-	
Indoor Data							
Air Flow	High - Medium - Low	l/s	183 - 156 - 133	183 - 156 - 133	192 - 167 - 145	192 - 167 - 145	217 - 188 - 162
	High - Medium - Low	m³/h	660 - 560 - 480	660 - 560 - 480	690 - 600 - 522	690 - 600 - 522	780 - 678 - 582
External Static Pressure	Standard (Upper - Lower)	Pa	30 (5 - 45)	30 (5 - 45)	30 (5 - 45)	30 (5 - 45)	29 (4-44)
Sound Pressure	High - Medium - Low	dB(A)	39 - 36 - 33	39 - 36 - 33	39 - 36 - 33	39 - 36 - 33	45 - 40 - 36
	High - Medium - Low (Under inlet)	dB(A)	-	45 - 43 - 41	45 - 43 - 41	45 - 43 - 41	48 - 46 - 43
Sound Power	High - Medium - Low	dB(A)	45 - 43 - 41	54 - 51 - 48	54 - 51 - 48	54 - 51 - 48	60 - 55 - 51
	High - Medium - Low (Under inlet)	dB(A)	-	60 - 58 - 56	60 - 58 - 56	60 - 58 - 56	63 - 61 - 58
Unit	Height x Width x Depth	mm	210 x 845 x 645	210 x 845 x 645	210 x 845 x 645	210 x 845 x 645	210 x 845 x 645
	Weight	kg	22	22	22	22	22
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5	±0.5	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E	RBC-TRP100E	RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10	10	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15	15	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25	VP25 - VP25	VP25 - VP25	VP25 - VP20
Lift Pump Drain Height from Unit Base	mm	< 850	< 850	< 850	< 850	< 850	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth	2 core + earth	2 core + earth	3 core + earth
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
Outdoor Data							
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	43 to -15/15 to -15
Air Flow	High	m³/h - l/s	4080 - 1133	4080 - 1133	4200 - 1167	4200 - 1167	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	54/57	55/57	55/57	55/57	51/53
	Power High Cooling/Heating	dB(A)	70/74	70/74	70/74	70/74	68/70
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	1340 x 900 x 320
	Weight	kg	68	69	68	69	99
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	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	5-50
	Maximum Height Difference	m	±30	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16	16
Refrigerant	Gas - Base Charge	kg	R32 - 2.1	R32 - 2.1	R32 - 2.1	R32 - 2.1	R410A - 3.1
	Additional Charge Main Liquid Side	g/m	35	35	35	35	40
	Additional Charge Sub Liquid Side	g/m	20	20	20	20	20
Run Current	Maximum	A	14.70	4.90	21.40	7.15	21.7
Power Cable	Outdoor to Header Indoor		3 core + earth	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	220-240/1/50-32
* Waiting for published data.							

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