



## Quad-Split Slim Ducted Indoor Unit

CODE			121	121	140	200
<b>Performance</b>						
Indoor Unit 1		RAV-	RM301SDT-E	RM301SDT-E	RM401SDT-E	RM561SDT-E
Indoor Unit 2		RAV-	RM301SDT-E	RM301SDT-E	RM401SDT-E	RM561SDT-E
Indoor Unit 3		RAV-	RM301SDT-E	RM301SDT-E	RM401SDT-E	RM561SDT-E
Indoor Unit 4		RAV-	RM301SDT-E	RM301SDT-E	RM401SDT-E	RM561SDT-E
Outdoor Unit		RAV-	GM1401ATP-E	GM1401AT8P-E	SM1603AT-E1	SM2246AT8-E
Nominal	Cooling Capacity	kW	12.1	12.1	14.0	20.0
	Heating Capacity	kW	12.8	12.8	16.0	22.4
	EER/COP	W/W	2.74/3.61	2.74/3.61	2.81/3.41	2.81/3.50
	UK	Cooling Total/Sensible	kW	10.35/8.52	10.35/8.52	13.30/9.30
Cooling EN14825	Heating	kW	7.68	7.68	10.45	17.63
	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2	3.0 - 16.0	9.8 - 22.4
Heating EN14825	Power Input	kW	4.67	4.42	4.99	7.12
	Pdesign	kW	12.00	12.00	14.0	20.0
	SEER/Energy Efficiency Class		-*	-*	4.86/191.4	5.65/223.0
	Seasonal Energy Consumption	kWh/a	-*	-*	-	-
	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0	3.0 - 18.0	9.8 - 25.0
	Power Input	kW	3.60	3.60	4.69	6.40
Heating EN14825	Pdesign	kW	8.00	8.00	10.0	20.0
	SCOP/Energy Efficiency Class		-*	-*	3.92/158.8	3.86/151.4
	Seasonal Energy Consumption	kWh/a	-*	-*	-	-
<b>Indoor Data</b>						
Air Flow	High - Medium - Low	l/s	183 - 156 - 133	183 - 156 - 133	192 - 167 - 145	217 - 188 - 162
	High - Medium - Low	m <sup>3</sup> /h	660 - 560 - 480	660 - 560 - 480	690 - 600 - 522	780 - 678 - 582
External Static Pressure	Standard (Upper - Lower)	Pa	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	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)	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
	Weight	kg	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
	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	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	5	5	6
	Max. Length Main Distributor To Furthest Indoor	m	15	15	15	20
	Max. Distance From Second Distributor To Indoors	m	10	10	10	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25	VP25 - VP20	VP25 - VP20
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	43 to -15/15 to -15	46 to -15/15 to -20
Air Flow	High	m <sup>3</sup> /h - l/s	4200 - 1167	4200 - 1167	6180 - 1717	8000 - 2222
Sound	Pressure High Cooling/Heating	dB(A)	55/57	55/57	51/53	56/57
	Power High Cooling/Heating	dB(A)	70/74	70/74	68/70	72/74
Unit	Height x Width x Depth	mm	890 x 900 x 320	890 x 900 x 320	1340 x 900 x 320	1540 x 900 x 320
	Weight	kg	68	69	99	134
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	1-1/8 - 1/2
	Min.-Max. Length	m	5-50	5-50	5-50	5-100
	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	R410A - 3.1	R410A - 5.9
	Additional Charge Main Liquid Side	g/m	35	35	40	80
	Additional Charge Second Dist. Liquid Side	g/m	20	20	20	40
	Additional Charge Sub Liquid Side	g/m	20	20	20	20
Run Current	Maximum	A	21.4	7.15	21.7	11.51
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	220-240/1/50-32	380-415/3/50-16	220-240/1/50-32	380-415/3/50-16
* Waiting for published data.						

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