



Twin-Split Slim Ducted Indoor Unit

CODE		50	71	100	100	
Performance						
Indoor Unit 1	RAV-	RM301SDT-E	RM401SDT-E	RM561SDT-E	RM561SDT-E	
Indoor Unit 2	RAV-	RM301SDT-E	RM401SDT-E	RM561SDT-E	RM561SDT-E	
Outdoor Unit	RAV-	GP561ATP-E	GP801AT-E	GP1101AT-E	SP1104AT8-E1	
Nominal	Cooling Capacity	kW	5.0	7.1	10.0	10.0
	Heating Capacity	kW	5.6	8.0	11.2	11.2
	EER/COP	W/W	3.21/3.54	3.80/4.40	3.91/4.19	3.58/4.19
UK	Cooling Total/Sensible	kW	4.8/3.6	7.4/5.0	9.6/7.2	9.70/7.40
	Heating	kW	3.55	5.25	8.00	7.31
Cooling EN14825	Range Min. - Max.	kW	1.2 - 5.6	1.9 - 8.0	3.1 - 12.0	2.6 - 12.0
	Power Input	kW	1.56	1.87	2.56	2.79
	Pdesign	kW	5.00	7.10	10.00	10.00
	SEER/Energy Efficiency Class		5.77/A+	6.50/A++	6.65/A++	5.55/A
	Seasonal Energy Consumption	kWh/a	303	466	696	631
Heating EN14825	Range Min. - Max.	kW	0.9 - 7.0	1.3 - 11.3	2.6 - 13.0	2.4 - 14.0
	Power Input	kW	1.58	1.82	2.67	2.67
	Pdesign	kW	3.80	7.00	7.60	11.60
	SCOP/Energy Efficiency Class		4.20/A+	4.51/A+	4.00/A+	3.84/A
	Seasonal Energy Consumption	kWh/a	1266	2450	2569	4234
Indoor Data						
Air Flow	High - Medium - Low	l/s	183 - 156 - 133	192 - 167 - 145	217 - 188 - 162	217 - 188 - 162
	High - Medium - Low	m³/h	660 - 560 - 480	690 - 600 - 522	780 - 678 - 582	780 - 678 - 582
External Static Pressure	Standard (Upper - Lower)	Pa	30 (5 - 45)	30 (5 - 45)	29 (4 - 44)	29 (4 - 44)
Sound Pressure	High - Medium - Low	dB(A)	39 - 36 - 33	39 - 36 - 33	45 - 40 - 36	45 - 40 - 36
	High - Medium - Low (Under inlet)	dB(A)	45 - 43 - 41	45 - 43 - 41	48 - 46 - 43	48 - 46 - 43
Sound Power	High - Medium - Low	dB(A)	54 - 51 - 48	54 - 51 - 48	60 - 55 - 51	60 - 55 - 51
	High - Medium - Low (Under inlet)	dB(A)	60 - 58 - 56	60 - 58 - 56	63 - 61 - 58	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	1/2 - 1/4	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
	Max. Subtractive Separation Between Indoors	m	5	5	10	10
	Max. Length Distributor To Furthest Indoor	m	10	10	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25	VP25 - VP25	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	
Outdoor Data						
Operating Range	Cooling/Heating	°C	-15 to 52/-27 to 15	-15 to 52/-27 to 15	-15 to 52/-27 to 15	46 to -15/15 to -20
Air Flow	High	m³/h - l/s	2250 - 625	3180 - 883	6960 - 1933	6060 - 1683
Sound	Pressure High Cooling/Heating	dB(A)	46/48	46/48	49/50	49/50
	Power High Cooling/Heating	dB(A)	63/65	63/65	66/67	66/67
Unit	Height x Width x Depth	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370	1340 x 900 x 320
	Weight	kg	45	74	104	95
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	3-50	3-50	3-50	3-50
	Maximum Height Difference	m	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16
Refrigerant	Gas - Base Charge	kg	R32 - 1.35	R32 - 1.9	R32 - 3.1	R410A - 3.1
	Additional Charge Main Liquid Side	g/m	20	35	35	40
	Additional Charge Sub Liquid Side	g/m	20	20	20	20
Run Current	Maximum	A	7.81	9.14	12.78	3.72
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	220-240/1/50-16	220-240/1/50-16	220-240/1/50-20	380-415/3/50-10

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