



Twin-Split Ceiling Indoor Unit

CODE		69	95	95	121	
Performance						
Indoor Unit 1		RAV-	RM401CTP-E	RM561CTP-E	RM561CTP-E	RM801CTP-E
Indoor Unit 2		RAV-	RM401CTP-E	RM561CTP-E	RM561CTP-E	RM801CTP-E
Outdoor Unit		RAV-	GM801ATP-E	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E
Nominal	Cooling Capacity	kW	6.9	9.5	9.5	12.1
	Heating Capacity	kW	7.7	11.2	11.2	12.8
	EER/COP	W/W	2.9/3.62	3.22/3.81	3.22/3.81	2.74/3.74
UK	Cooling Total/Sensible	kW	6.60/5.00	9.10/7.18	9.10/7.18	11.50/8.40
	Heating	kW	5.51	8.01	8.01	9.30
Cooling EN14825	Range Min. - Max.	kW	1.5 - 7.4	3.0 - 11.2	3.0 - 11.2	3.0 - 13.2
	Power Input	kW	2.38	2.95	2.95	4.67
	Pdesign	kW	6.90	9.50	9.50	12.00
	SEER/Energy Efficiency Class (or ηsc %)		5.62/A+	5.85/A+	5.85/A+	5.36/211.4
	Seasonal Energy Consumption	kWh/a	429	568	568	660
Heating EN14825	Range Min. - Max.	kW	1.5 - 9.0	3.0 - 13.0	3.0 - 13.0	3.0 - 16.0
	Power Input	kW	2.13	2.94	2.94	3.48
	Pdesign	kW	5.10	7.60	7.60	8.00
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.21/A+	4.28/A+	4.28/A+	4.19/164.6
	Seasonal Energy Consumption	kWh/a	2372	2487	2487	2543
Indoor Data						
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	250 - 200 - 150	250 - 200 - 150	392 - 278 - 208
	High - Medium - Low	m³/h	900 - 720 - 540	900 - 720 - 540	900 - 720 - 540	1410 - 1000 - 750
Sound	Pressure High - Medium - Low	dB(A)	37 - 35 - 28	37 - 35 - 28	37 - 35 - 28	41 - 36 - 29
	Power High - Medium - Low	dB(A)	52 - 50 - 43	52 - 50 - 43	52 - 50 - 43	56 - 51 - 44
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 950 x 690	235 x 950 x 690	235 x 1270 x 690
	Weight	kg	23	23	23	29
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4	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	1/2 - 1/4	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	10	10	10
	Max. Length Distributor To Furthest Indoor	m	10	15	15	15
Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20	VP26/20	VP26/20	
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 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	2700 - 750	4080 - 1133	4080 - 1133	4200 - 1167
Sound	Pressure High Cooling/Heating	dB(A)	48/52	54/57	54/57	55/57
	Power High Cooling/Heating	dB(A)	65/69	70/74	70/74	70/74
Unit	Height x Width x Depth	mm	550 x 780 x 290	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
	Weight	kg	44	68	69	68
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	5-30	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 - 1.3	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	11.15	14.30	4.75	21.40
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	220-240/1/50-20	380-415/3/50-10	220-240/1/50-32

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



Twin-Split Ceiling Indoor Unit (continued)

CODE			121	140	200	230
Performance						
Indoor Unit 1		RAV-	RM801CTP-E	RM801CTP-E	RM1101CTP-E	RM1401CTP-E
Indoor Unit 2		RAV-	RM801CTP-E	RM801CTP-E	RM1101CTP-E	RM1401CTP-E
Outdoor Unit		RAV-	GM1401AT8P-E	SM1603AT-E1	SM2246AT8-E	SM2806AT8-E
Nominal	Cooling Capacity	kW	12.1	14.0	20.0	23.0
	Heating Capacity	kW	12.8	16.0	22.4	27.0
	EER/COP	W/W	2.74/3.74	3.01/3.47	2.81/3.50	2.41/3.41
UK	Cooling Total/Sensible	kW	11.50/8.40	13.30/9.30	19.30/13.50	22.20/14.90
	Heating	kW	9.30	10.45	14.63	17.63
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 16.0	9.8 - 22.4	9.8 - 27.0
	Power Input	kW	4.67	4.65	7.12	9.55
	Pdesign	kW	12.00	14.0	20.0	23.5
	SEER/Energy Efficiency Class (or ηsc %)		5.36/211.4	4.95/195.0	5.89/232.6	5.26/143.0
	Seasonal Energy Consumption	kWh/a	660	-	-	-
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 18.0	9.8 - 25.0	9.8 - 31.5
	Power Input	kW	3.48	4.61	6.40	7.92
	Pdesign	kW	8.00	10.0	20.0	22.0
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.19/164.6	3.95/155.0	3.79/148.6	3.65/143.0
	Seasonal Energy Consumption	kWh/a	2543	-	-	-
Indoor Data						
Air Flow	High - Medium - Low	l/s	392 - 278 - 208	392 - 278 - 208	517 - 375 - 283	567 - 425 - 333
	High - Medium - Low	m³/h	1410 - 1000 - 750	1410 - 1002 - 750	1860 - 1350 - 1020	2040 - 1530 - 1200
Sound	Pressure High - Medium - Low	dB(A)	41 - 36 - 29	41 - 36 - 29	44 - 38 - 32	46 - 41 - 35
	Power High - Medium - Low	dB(A)	56 - 51 - 44	56 - 51 - 44	59 - 53 - 47	61 - 56 - 50
Unit	Height x Width x Depth	mm	235 x 1270 x 690	235 x 1270 x 690	235 x 1586 x 690	235 x 1586 x 690
	Weight	kg	29	29	37	37
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	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	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	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15	20	20
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20	VP26/20	VP26/20
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 46/-15 to 15	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	4200 - 1167	6180 - 1717	8000 - 2222	9000 - 2500
Sound	Pressure High Cooling/Heating	dB(A)	55/57	51/53	56/57	57/58
	Power High Cooling/Heating	dB(A)	70/74	68/70	72/74	74/75
Unit	Height x Width x Depth	mm	890 x 900 x 320	1340 x 900 x 320	1540 x 900 x 320	1540 x 900 x 320
	Weight	kg	69	99	134	134
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	1-1/8 - 1/2	1-1/8 - 1/2
	Min.-Max. Length	m	5-50	5-50	5-100	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	R410A - 3.1	R410A - 5.9	R410A - 5.9
	Additional Charge Main Liquid Side	g/m	35	40	80	80
	Additional Charge Sub Liquid Side	g/m	20	40	40	40
Run Current	Maximum	A	7.15	21.7	11.51	15.44
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	380-415/3/50-16	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.