



## Twin-Split Ceiling Indoor Unit

CODE			71	100	100	125
<b>Performance</b>						
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-	GP801AT-E	GP1101AT-E	SP1104AT8-E1	GP1401AT-E
Nominal	Cooling Capacity	kW	7.1	10.0	10.0	12.5
	Heating Capacity	kW	8.0	11.2	11.2	14.0
	EER/COP	W/W	4.44/4.44	4.48/4.71	4.22/4.43	3.49/3.90
UK	Cooling Total/Sensible	kW	7.4/6.0	9.6/7.8	9.50/7.20	11.8/8.8
	Heating	kW	5.25	8.00	7.31	9.76
Cooling EN14825	Range Min. - Max.	kW	1.9 - 8.0	3.1 - 12.0	2.6 - 12.0	3.1 - 14.0
	Power Input	kW	1.60	2.23	2.37	3.58
	Pdesign	kW	6.90	10.00	10.00	12.00
	SEER/Energy Efficiency Class (or ηsc %)		7.82/A++	7.97/A++	6.35/A++	7.34/300.2
	Seasonal Energy Consumption	kWh/a	429	604	552	660
Heating EN14825	Range Min. - Max.	kW	1.3 - 11.3	2.6 - 13.0	2.4 - 14.0	2.6 - 16.5
	Power Input	kW	1.80	2.38	2.53	3.59
	Pdesign	kW	6.80	7.60	11.60	8.00
	SCOP/Energy Efficiency Class (or ηsc(A) %)		5.05/A++	4.71/A++	4.41/A+	4.70/185.4
	Seasonal Energy Consumption	kWh/a	2372	2489	3684	2543
<b>Indoor Data</b>						
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	3/8 - 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	3/8 - 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
<b>Outdoor Data</b>						
Operating Range	Cooling/Heating	°C	-15 to 52/-27 to 15	-15 to 52/-27 to 15	46 to -15/15 to -20	-15 to 52/-27 to 15
Air Flow	High	m³/h - l/s	3180 - 883	6960 - 1933	6060 - 1683	6960 - 1933
Sound	Pressure High Cooling/Heating	dB(A)	46/48	49/50	49/50	50/51
	Power High Cooling/Heating	dB(A)	63/65	66/67	66/67	67/68
Unit	Height x Width x Depth	mm	1050 x 1010 x 370	1550 x 1010 x 370	1340 x 900 x 320	1550 x 1010 x 370
	Weight	kg	74	104	95	104
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	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 - 1.9	R32 - 3.1	R410A - 3.1	R32 - 3.1
	Additional Charge Main Liquid Side	g/m	35	35	40	35
	Additional Charge Sub Liquid Side	g/m	20	20	20	20
Run Current	Maximum	A	8.70	11.39	3.72	17.18
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	220-240/1/50-25

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



## Twin-Split Ceiling Indoor Unit (continued)

CODE			125	140
<b>Performance</b>				
<b>Indoor Unit 1</b>		<b>RAV-</b>	<b>RM801CTP-E</b>	<b>RM801CTP-E</b>
<b>Indoor Unit 2</b>		<b>RAV-</b>	<b>RM801CTP-E</b>	<b>RM801CTP-E</b>
<b>Outdoor Unit</b>		<b>RAV-</b>	<b>SP1404AT8-E1</b>	<b>SP1604AT8-E1</b>
Nominal	Cooling Capacity	kW	12.5	14.0
	Heating Capacity	kW	14.0	16.0
	EER/COP	W/W	3.36/3.93	3.11/3.71
UK	Cooling Total/Sensible	kW	11.90/8.70	13.30/9.30
	Heating	kW	9.14	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6 - 14.0	2.6 - 16.0
	Power Input	kW	3.72	4.50
	Pdesign	kW	12.5	14.0
	SEER/Energy Efficiency Class (or ηsc %)		6.04/238.6	5.97/235.8
	Seasonal Energy Consumption	kWh/a	-	-
Heating EN14825	Range Min. - Max.	kW	2.4 - 18.0	2.4 - 19.0
	Power Input	kW	3.56	4.31
	Pdesign	kW	11.8	12.0
	SCOP/Energy Efficiency Class (or ηsc(A) %)		4.19/164.6	4.18/164.2
	Seasonal Energy Consumption	kWh/a	-	-
<b>Indoor Data</b>				
Air Flow	High - Medium - Low	l/s	392 - 278 - 208	392 - 278 - 208
	High - Medium - Low	m <sup>3</sup> /h	1410 - 1000 - 750	1410 - 1000 - 750
Sound	Pressure High - Medium - Low	dB(A)	41 - 36 - 29	41 - 36 - 29
	Power High - Medium - Low	dB(A)	56 - 51 - 44	56 - 51 - 44
Unit	Height x Width x Depth	mm	235 x 1270 x 690	235 x 1270 x 690
	Weight	kg	29	29
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote Controller			RBC-AMT32E	RBC-AMT32E
<b>Outdoor Data</b>				
Operating Range	Cooling/Heating	°C	46 to -15/15 to -20	46 to -15/15 to -20
Air Flow	High	m <sup>3</sup> /h - l/s	6180 - 1717	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	51/52	51/53
	Power High Cooling/Heating	dB(A)	68/69	68/70
Unit	Height x Width x Depth	mm	1340 x 900 x 320	1340 x 900 x 320
	Weight	kg	95	95
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	3-50	3-50
	Maximum Height Difference	m	±30	±30
	Drain Port Connection	mm	16	16
Refrigerant	Gas - Base Charge	kg	R410A - 3.1	R410A - 3.1
	Additional Charge Main Liquid Side	g/m	40	40
	Additional Charge Sub Liquid Side	g/m	40	40
Run Current	Maximum	A	5.42	6.66
Power Cable	Outdoor to Header Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	380-415/3/50-16	380-415/3/50-16

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