

RAV R32 - Wall Mounted Unit

DIGITAL INVERTER



RBC-AMS 55 E



Wireless remote is packed with indoor unit



RAV High-Wall Indoor Unit - R32

Indoor Unit		RAV-	RM301KRTP-E	RM401KRTP-E	RM561KRTP-E	RM801KRTP-E
Outdoor Unit		RAV-	GM301ATP-E	GM401ATP-E	GM561ATP-E	GM801ATP-E
Nominal	Cooling Capacity	kW	2.5	3.6	5.0	6.7
	Heating Capacity	kW	3.4	4.0	5.3	7.7
	EER/COP	W/W	4.10/4.00	3.19/3.57	3.01/3.42	2.75/2.95
UK	Cooling Total/Sensible	kW	2.37/1.97	3.42/2.67	4.75/3.61	6.36/4.66
	Heating	kW	2.43	2.86	3.79	5.51
Cooling EN14825	Range Min. - Max.	kW	0.9 - 3.0	0.9 - 4.0	1.5 - 5.6	1.5 - 8.0
	Power Input	kW	0.61	1.13	1.66	2.44
	Pdesign	kW	2.5	3.6	5.0	6.7
	SEER/Energy Efficiency Class		6.36/A++	6.12/A++	6.19/A++	5.73/A+
	Seasonal Energy Consumption	kWh/a	138	206	283	409
Heating EN14825	Range Min. - Max.	kW	0.8 - 4.5	0.8 - 5.0	1.5 - 6.3	1.5 - 9.0
	Power Input	kW	0.85	1.12	1.55	2.61
	Pdesign	kW	2.6	2.7	2.8	5.1
	SCOP/Energy Efficiency Class		4.10/A+	4.22/A+	4.00/A+	4.01/A+
	Seasonal Energy Consumption	kWh/a	887	895	980	1780

Indoor Data		RAV-	RM301KRTP-E	RM401KRTP-E	RM561KRTP-E	RM801KRTP-E
Air Flow	High - Medium - Low	l/s	186 - 150 - 125	194 - 161 - 125	267 - 231 - 189	289 - 253 - 189
	High - Medium - Low	m ³ /h	670 - 540 - 450	700 - 580 - 450	960 - 830 - 680	1040 - 910 - 680
Sound	Pressure High - Medium - Low	dB(A)	40 - 34 - 29	41 - 36 - 30	42 - 39 - 36	45 - 41 - 35
	Power High - Medium - Low	dB(A)	55 - 49 - 44	55 - 51 - 45	57 - 54 - 51	60 - 56 - 51
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250	320 x 1050 x 250
	Weight	kg	10	10	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP16/14	VP16/14	VP16/14	VP16/14
Remote Controller			WH-TA09NE	WH-TA09NE	WH-TA09NE	WH-TA09NE

Outdoor Data		RAV-	GM301ATP-E	GM401ATP-E	GM561ATP-E	GM801ATP-E
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	m ³ /h - l/s	1800 - 500	2200 - 611	2400 - 667	2700 - 750
Sound	Pressure High Cooling/Heating	dB(A)	46/47	49/50	46/48	48/52
	Power High Cooling/Heating	dB(A)	61/62	64/65	63/65	65/69
Unit	Height x Width x Depth	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
	Weight	kg	29	34	40	42
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
	Min.-Max. Length	m	2-20	2-20	5-30	5-30
	Maximum Height Difference	m	±10	±10	±30	±30
	Drain Port Connection	mm	16	16	16	16
Refrigerant	Gas - Base Charge/Chargeless Length	m	R32 - 0.63/15	R32 - 0.9/15	R32 - 0.9/20	R32 - 1.3/20
	Additional Charge Liquid Side	g/m	20	20	20	35
Run Current	Maximum	Amps	4.17	5.60	7.78	12.23
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-10	220-240/1/50-10	220-240/1/50-16	220-240/1/50-16



High-Wall Indoor Unit (continued)

Indoor Unit		RAV-	GM901KRTP-E	GM1101KRTP-E	GM1101KRTP-E
Outdoor Unit		RAV-	GM901ATP-E	GM1101ATP-E	GM1101AT8P-E
Nominal	Cooling Capacity	kW	8.0	9.5	9.5
	Heating Capacity	kW	9.0	11.2	11.2
	EER/COP	W/W	3.00/3.10	3.20/3.23	3.20/3.23
UK	Cooling Total/Sensible	kW	7.83/6.35	9.28/7.22	9.28/7.22
	Heating	kW	6.12	6.93	6.93
Cooling EN14825	Range Min. - Max.	kW	1.9 - 8.8	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	2.67	2.97	2.97
	Pdesign	kW	6.7	9.50	9.50
	SEER/Energy Efficiency Class		6.10/A++	6.10/A++	6.10/A++
	Seasonal Energy Consumption	kWh/a	459	545	545
Heating EN14825	Range Min. - Max.	kW	1.6 - 9.9	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	2.90	3.47	3.47
	Pdesign	kW	5.1	8.00	8.00
	SCOP/Energy Efficiency Class		4.10/A+	4.20/A+	4.20/A+
	Seasonal Energy Consumption	kWh/a	2151	2665	2664
Indoor Data		RAV-	GM901KRTP-E	GM1101KRTP-E	GM1101KRTP-E
Air Flow	High - Medium - Low	l/s	328 - 253 - 189	447 - 375 - 328	447 - 375 - 328
	High - Medium - Low	m ³ /h	1180 - 910 - 680	1610 - 1350 - 1180	1610 - 1350 - 1180
Sound	Pressure High - Medium - Low	dB(A)	47 - 41 - 35	49 - 45 - 41	49 - 45 - 41
	Power High - Medium - Low	dB(A)	62 - 56 - 50	64 - 60 - 56	64 - 60 - 56
Unit	Height x Width x Depth	mm	320 x 1050 x 250	348 x 1200 x 280	348 x 1200 x 280
	Weight	kg	14	19	19
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP16/14	VP16/14	VP16/14
Remote Controller			WH-TA09NE	WH-TA09NE	WH-TA09NE
Outdoor Data		RAV-	GM901ATP-E	GM1101ATP-E	GM1101AT8P-E
Operating Range	Cooling/Heating	°C	-15 to 46/-15 to 15	-15 to 46/-15 to 15	-15 to 46/-15 to 15
Air Flow	High	m ³ /h - l/s	2900 - 806	4080 - 1133	4080 - 1133
Sound	Pressure High Cooling/Heating	dB(A)	51/68	54/57	54/57
	Power High Cooling/Heating	dB(A)	68/72	70/74	70/74
Unit	Height x Width x Depth	mm	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320
	Weight	kg	47	68	68
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	5-50	5-50	5-50
	Maximum Height Difference	m	±30	±30	±30
	Drain Port Connection	mm	16	16	16
Refrigerant	Gas - Base Charge/Chargeless Length	m	R32 - 2.0/20	R32 - 2.1/20	R32 - 2.1/20
	Additional Charge Liquid Side	g/m	35	35	35
Run Current	Maximum	Amps	14.02	16.80	5.60
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-20	220-240/1/50-20	380-415/3/50-10