

DIGITAL INVERTER



RAV High-Wall Indoor Unit - R32

CODE			25	36	50	67
Performance						
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	2.50	3.60	5.00	6.70
	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	2.60	2.70	2.80	5.10
	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						
Air Flow	High - Medium - Low	l/s	186 - 150 - 125	194 - 161 - 125	267 - 231 - 189	289 - 253 - 189
	High - Medium - Low	m³/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 (Infra-red)	WH-TA09NE (Infra-red)	WH-TA09NE (Infra-red)	WH-TA09NE (Infra-red)
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	1800 - 500	2200 - 612	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	±10	±10
	Drain Port Connection	mm	16	16	16	16
Refrigerant R32	Base Charge/Chargeless Length	kg/m	0.63/15	0.9/15	0.9/20	1.3/20
	Additional Charge Liquid Side	g/m	20	20	20	35
Run Current	Maximum	A	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

Accessories

RBC-AMT32E	Remote Controller	Full control including service functions
RBC-AMS41E	Remote Controller Built-In Timer	Full control including service functions with fully-programmable 7-day timer
RBC-AMS55E-ES	Remote Controller	Includes timer and backlight display as well as power-save functions, multilingual
RBC-AS41E	Simplified Controller	Ideal for hotel and basic use applications (no service function available)
RBC-ASC11E	Compact Remote Controller	Simplified backlight display controller with timer off, multilingual
RBC-SMF1	Fan Interface	Interface to provide an output to enable an external fan from the unit
RBC-SMT1	CN02 Connector Timer Interface Lead	Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller
TCB-TC41LE	Remote Sensor	Room temperature sensing in conditioned space

- Wall installation
- Self-cleaning
- Automatic restart

- Auto-diagnosis
- Single-split
- Drain connection both sides

- Chargeless
- Low ambient cooling to -15°C DB
- Remote control included

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