



RAS Mirai High-Wall Mounted Inverter Heat Pump R32

CODE		15	20	25	33	46	
Performance							
Indoor Unit		RAS-	05BKVG-E	07BKVG-E	10BKVG-E	13BKVG-E	16BKVG-E
Outdoor Unit		RAS-	05BAVG-E	07BAVG-E	10BAVG-E	13BAVG-E	16BAVG-E
Nominal	Cooling Capacity	kW	1.5	2.0	2.5	3.3	4.6
	Heating Capacity	kW	2.0	2.5	3.2	3.6	5.4
UK	EER/COP	W/W	3.85/4.26	3.45/3.91	3.25/3.76	2.92/3.75	3.01/3.48
	Cooling Total/Sensible	kW	1.47/1.22	1.95/1.57	2.44/1.93	3.22/2.49	4.49/3.36
Cooling EN14825	Heating	kW	1.18	1.60	2.03	2.20	3.33
	Range Min. - Max.	kW	0.66 - 2.00	0.67 - 2.60	0.68 - 3.00	0.75 - 3.60	1.20 - 5.3
Heating EN14825	Power Input	kW	0.39	0.58	0.77	1.13	1.53
	Pdesign	kW	1.5	2.0	2.5	3.3	4.6
	SEER/Energy Efficiency Class		5.60/A+	5.60/A+	5.70/A+	5.60/A+	6.20/A++
	Seasonal Energy Consumption	kWh/a	94	125	153	206	260
	Range Min. - Max.	kW	0.54 - 3.00	0.55 - 3.30	0.71 - 3.90	0.72 - 4.50	0.93 - 6.40
	Power Input	kW	0.47	0.64	0.85	0.96	1.55
	Pdesign	kW	1.6	2.0	2.4	2.8	4.0
SCOP/Energy Efficiency Class		4.00/A+	4.00/A+	4.00/A+	4.00/A+	4.20/A+	
Seasonal Energy Consumption	kWh/a	560	700	839	980	1334	

Indoor Data		RAS-	05BKVG-E	07BKVG-E	10BKVG-E	13BKVG-E	16BKVG-E
Air Flow	High - Low	l/s	145 - 65	148 - 65	153 - 67	172 - 73	213 - 92
	High - Low	m³/h	522 - 234	534 - 234	552 - 240	618 - 264	768 - 330
Sound	Pressure High - Low	dB(A)	37 - 22	38 - 23	39 - 24	42 - 24	43 - 25
	Power High - Low	dB(A)	54 - 37	55 - 37	56 - 38	57 - 39	58 - 41
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230
	Weight	kg	9	9	9	9	10
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4
	Drain Pipe Connection OD/ID	mm	VP16/14	VP16/14	VP16/14	VP16/14	VP16/14
Remote controller			WH-UA01NE (Infra-Red)	WH-UA01NE (Infra-Red)	WH-UA01NE (Infra-Red)	WH-UA01NE (Infra-Red)	WH-UA01NE (Infra-Red)

Outdoor Data		RAS-	05BAVG-E	07BAVG-E	10BAVG-E	13BAVG-E	16BAVG-E
Operating range	Cooling/Heating	°C	-15 to 46/-15 to 24	-15 to 46/-15 to 24	-15 to 46/-15 to 24	-15 to 46/-15 to 24	-15 to 46/-15 to 24
Air Flow	High	m³/h - l/s	1800 - 500	1800 - 500	1860 - 517	1980 - 550	2160 - 600
Sound	Pressure High Cooling/Heating	dB(A)	48/50	48/50	49/51	50/51	50/52
	Power High Cooling/Heating	dB(A)	63/65	63/65	64/66	65/66	65/67
Unit	Height x Width x Depth	mm	530 x 660 x 240	530 x 660 x 240	530 x 660 x 240	530 x 660 x 240	550 x 780 x 290
	Weight	kg	21	21	21	22	34
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4
	Min.-Max. Length	m	2-15	2-15	2-15	2-15	2-20
	Maximum Height Difference	m	±12	±12	±12	±12	±12
	Drain Port Connection	mm	16	16	16	16	16
Refrigerant R32	Base Charge/Chargeless Length	kg/m	0.4/15	0.4/15	0.43/15	0.43/15	0.8/15
	Additional Charge	g/m	20	20	20	20	20
Run Current	Maximum	A	2.14	3.17	4.19	5.60	7.05
Power Cable	Outdoor to Indoor		3 core + earth	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	220-240/1/50-10	220-240/1/50-10	220-240/1/50-16

INDOOR RETAIL PRICE	£163	£171	£174	£179	£217
OUTDOOR RETAIL PRICE	£383	£403	£411	£472	£682
SYSTEM RETAIL PRICE (inc. Infra-red controller)	£546	£574	£585	£651	£899

* Site installation option - power supply to outdoor or indoor

Accessories

RB-RXS30-E	Remote Controller Built-in Timer	Weekly-timer, single combination	£57
RBC-IS-IR-WIFI-1	WIFI Controller	IntesisHome Wi-Fi Universal Controller	£214
RBC-RASNC	RAS Network Card (to Central Controller)	Interface to enable U3/U4 connection	£233



Wall installation



Self-cleaning



Automatic restart



Hi-power



Auto-diagnosis



Single-split



Remote control included



Dry function



ECO logic



Drain connection both sides