



## Mirai High-Wall Mounted Inverter Heat Pump

CODE		15	20	25	33	46	50	65	
<b>Performance</b>									
<b>Indoor Unit</b>		<b>RAS-</b>	<b>B05BKVG-E</b>	<b>B07BKVG-E</b>	<b>B10BKVG-E</b>	<b>B13BKVG-E</b>	<b>B16BKVG-E</b>	<b>18BKVG-E</b>	<b>24BKVG-E</b>
<b>Outdoor Unit</b>		<b>RAS-</b>	<b>05BAVG-E</b>	<b>07BAVG-E</b>	<b>10BAVG-E1</b>	<b>13BAVG-E1</b>	<b>16BAVG-E</b>	<b>18BAVG-E</b>	<b>24BAVG-E</b>
Nominal	Cooling Capacity	kW	1.5	2.0	2.5	3.3	4.6	5.0	6.5
	Heating Capacity	kW	2.0	2.5	3.2	3.6	5.4	5.4	7.0
	EER/COP	W/W	3.85/4.26	3.45/3.91	3.25/3.76	2.92/3.75	3.01/3.48	3.23/3.38	2.89/3.33
UK	Cooling Total/Sensible	kW	1.47/1.22	1.95/1.57	2.44/1.93	3.22/2.49	4.49/3.36	4.88/3.57	6.35/4.40
	Heating	kW	1.18	1.60	2.03	2.20	3.33	3.34	4.31
Cooling EN14825	Range Min. - Max.	kW	0.66 - 2.00	0.67 - 2.60	0.68 - 3.00	0.75 - 3.60	1.20 - 5.3	1.3 - 5.5	1.6 - 7.2
	Power Input	kW	0.39	0.58	0.77	1.13	1.53	1.55	2.25
	Pdesign	kW	1.5	2.0	2.5	3.3	4.6	5.0	6.5
	SEER/Energy Efficiency Class		5.60/A+	5.60/A+	5.70/A+	5.60/A+	6.20/A++	6.30/A++	6.10/A++
	Seasonal Energy Consumption	kWh/a	94	125	153	206	260	278	373
Heating EN14825	Range Min. - Max.	kW	0.54 - 3.00	0.55 - 3.30	0.71 - 3.90	0.72 - 4.50	0.93 - 6.40	1.0 - 6.0	1.6 - 8.1
	Power Input	kW	0.47	0.64	0.85	0.96	1.55	1.60	2.10
	Pdesign	kW	1.6	2.0	2.4	2.8	4.0	3.8	5.4
	SCOP/Energy Efficiency Class		4.00/A+	4.00/A+	4.00/A+	4.00/A+	4.20/A+	4.00/A+	4.00/A+
	Seasonal Energy Consumption	kWh/a	560	700	839	980	1334	1329	1890

<b>Indoor Data</b>		<b>RAS-</b>	<b>B05BKVG-E</b>	<b>B07BKVG-E</b>	<b>B10BKVG-E</b>	<b>B13BKVG-E</b>	<b>B16BKVG-E</b>	<b>18BKVG-E</b>	<b>24BKVG-E</b>
Air Flow	High - Low	l/s	145 - 65	148 - 65	153 - 67	172 - 73	213 - 92	233 - 133	298 - 185
	High - Low	m³/h	522 - 234	534 - 234	552 - 240	618 - 264	768 - 330	840 - 480	1074 - 666
Sound	Pressure High - Low	dB(A)	37 - 22	38 - 23	39 - 24	42 - 24	43 - 25	48 - 32	48 - 35
	Power High - Low	dB(A)	52 - 37	53 - 38	54 - 39	56 - 39	58 - 40	63 - 47	63 - 50
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	293 x 798 x 230	320 x 1050 x 250
	Weight	kg	9	9	9	9	10	9	14
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	1/2 - 1/4	1/2 - 1/4
	Drain Pipe Connection OD/ID	mm	16/14	16/14	16/14	16/14	16/14	16/14	16/14
Remote controller			WH-UA01NE (Infra-Red)	WH-UA01NE (Infra-Red)	WH-UA01NE (Infra-Red)	WH-UA01NE (Infra-Red)	WH-UA01NE (Infra-Red)	WH-UA01NE (Infra-Red)	WH-UA01NE (Infra-Red)

<b>Outdoor Data</b>		<b>RAS-</b>	<b>05BAVG-E</b>	<b>07BAVG-E</b>	<b>10BAVG-E1</b>	<b>13BAVG-E1</b>	<b>16BAVG-E</b>	<b>18BAVG-E</b>	<b>24BAVG-E</b>
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	-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	2160 - 600	2220 - 617
Sound	Pressure High Cooling/Heating	dB(A)	48/50	48/50	49/51	50/51	50/52	50/52	55/55
	Power High Cooling/Heating	dB(A)	63/65	63/65	64/66	65/66	65/67	65/67	70/70
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	550 x 780 x 290	550 x 780 x 290
	Weight	kg	21	21	23	23	34	34	38
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	1/2 - 1/4	1/2 - 1/4
	Min.-Max. Length	m	2-15	2-15	2-15	2-15	2-20	2-20	2-20
	Maximum Height Difference	m	±12	±12	±12	±12	±12	±12	±12
	Drain Port Connection	mm	16	16	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	0.88/15	1.08/15
	Additional Charge	g/m	0	0	0	0	20	20	20
Run Current	Maximum	A	2.40	3.25	4.20	5.50	7.19	7.50	10.55
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	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	220-240/1/50-16	220-240/1/50-16

\* Site installation option - power supply to outdoor or indoor

### Accessories

RB-RXS30-E	Remote Controller Built-In Timer	Weekly-timer, single combination*	
RB-N102S-G	WIFI Controller	WIFI adapter and cable*	
RBC-RASNC	RAS Network Card (to Central Controller)	Interface to enable U3/U4 connection*	



Wall installation



Self-cleaning



Automatic restart



Hi-power



Auto-diagnosis



Single-split



Remote control included



Dry function



ECO logic



Drain connection both sides