



## Seiya High-Wall Mounted Inverter Heat Pump

CODE		15	20	25	33	
<b>Performance</b>						
<b>Indoor Unit</b>		<b>RAS-</b>	<b>B05J2KVG-E</b>	<b>B07J2KVG-E</b>	<b>B10J2KVG-E</b>	<b>B13J2KVG-E</b>
<b>Outdoor Unit</b>		<b>RAS-</b>	<b>05J2AVG-E</b>	<b>07J2AVG-E</b>	<b>10J2AVG-E</b>	<b>13J2AVG-E</b>
Nominal	Cooling Capacity	kW	1.5	2.0	2.5	3.3
	Heating Capacity	kW	2.0	2.5	3.2	3.6
	EER/COP	W/W	4.05/4.26	3.77/3.91	3.25/3.72	3.00/3.91
UK	Cooling Total/Sensible	kW	1.47/1.22	1.95/1.57	2.44/1.93	3.22/2.49
	Heating	kW	1.18	1.60	2.03	2.20
Cooling EN14825	Range Min. - Max.	kW	0.75 - 2.00	0.76 - 2.60	0.80 - 3.00	1.00 - 3.60
	Power Input	kW	0.37	0.53	0.77	1.10
	Pdesign	kW	1.5	2	2.5	3.3
	SEER/Energy Efficiency Class		6.10/A++	6.10/A++	6.10/A++	6.10/A++
	Seasonal Energy Consumption	kWh/a	86	115	143	189
Heating EN14825	Range Min. - Max.	kW	0.90 - 3.00	0.92 - 3.30	1.00 - 3.90	1.10 - 4.50
	Power Input	kW	0.47	0.64	0.86	0.92
	Pdesign	kW	1.6	2.0	2.4	2.8
	SCOP/Energy Efficiency Class		4.00/A+	4.00/A+	4.00/A+	4.00/A+
	Seasonal Energy Consumption	kWh/a	560	699	839	980

<b>Indoor Data</b>		<b>RAS-</b>	<b>B05J2KVG-E</b>	<b>B07J2KVG-E</b>	<b>B10J2KVG-E</b>	<b>B13J2KVG-E</b>
Air Flow	High - Low	l/s	145 - 65	148 - 65	153 - 67	172 - 73
	High - Low	m³/h	522 - 234	534 - 234	552 - 240	618 - 264
Sound	Pressure High - Low	dB(A)	37 - 19	38 - 20	39 - 21	42 - 21
	Power High - Low	dB(A)	52 - 34	53 - 35	54 - 36	56 - 36
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
	Weight	kg	9	9	9	9
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4
	Drain Pipe Connection OD/ID	mm	16/14	16/14	16/14	16/14
Remote controller			WH-UC01NE (Infra-Red)	WH-UC01NE (Infra-Red)	WH-UC01NE (Infra-Red)	WH-UC01NE (Infra-Red)

<b>Outdoor Data</b>		<b>RAS-</b>	<b>05J2AVG-E</b>	<b>07J2AVG-E</b>	<b>10J2AVG-E</b>	<b>13J2AVG-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
Air Flow	High	m³/h - l/s	1800 - 500	1800 - 500	1800 - 500	1980 - 550
Sound	Pressure High Cooling/Heating	dB(A)	46/48	46/48	48/50	48/50
	Power High Cooling/Heating	dB(A)	61/63	61/63	63/65	63/65
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
	Weight	kg	22	22	23	24
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4
	Min.-Max. Length	m	2-15	2-15	2-15	2-15
	Maximum Height Difference	m	±12	±12	±12	±12
	Drain Port Connection	mm	16	16	16	16
Refrigerant R32	Base Charge/Chargeless Length	kg/m	0.4/15	0.4/15	0.43/15	0.46/15
	Additional Charge	g/m	0	0	0	0
Run Current	Maximum	A	2.40	3.25	4.20	5.50
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	220-240/1/50-10	220-240/1/50-10

### Accessories

RB-RXS30-E	Remote Controller Built-In Timer	Weekly-timer, single combination	
RB-N101S-G	WiFi Controller	WiFi adapter	
RB-N102S-G	WiFi Controller	WiFi adapter and cable	



Wall installation



Self-cleaning



Automatic restart



Hi-power



Auto-diagnosis



Single-split



Remote control included



Dry function



ECO logic



Drain connection both sides



## Seiya High-Wall Mounted Inverter Heat Pump (continued)

CODE			42	50	65
<b>Performance</b>					
<b>Indoor Unit</b>		<b>RAS-</b>	<b>B16J2KVG-E</b>	<b>18J2KVG-E</b>	<b>24J2KVG-E</b>
<b>Outdoor Unit</b>		<b>RAS-</b>	<b>16J2AVG-E</b>	<b>18J2AVG-E</b>	<b>24J2AVG-E</b>
Nominal	Cooling Capacity	kW	4.2	5.0	6.5
	Heating Capacity	kW	5.0	5.4	7.0
	EER/COP	W/W	3.00/3.57	3.23/3.38	2.89/3.33
UK	Cooling Total/Sensible	kW	4.49/3.36	4.88/3.57	6.35/4.40
	Heating	kW	3.33	3.34	4.31
Cooling EN14825	Range Min. - Max.	kW	1.20 - 4.7	1.3 - 5.5	1.6 - 7.2
	Power Input	kW	1.40	1.55	2.25
	Pdesign	kW	4.2	5.0	6.5
	SEER/Energy Efficiency Class		6.10/A++	6.30/A++	6.10/A++
	Seasonal Energy Consumption	kWh/a	241	278	373
Heating EN14825	Range Min. - Max.	kW	1.30 - 6.00	1.0 - 6.0	1.6 - 8.1
	Power Input	kW	1.40	1.60	2.10
	Pdesign	kW	3.6	3.8	5.4
	SCOP/Energy Efficiency Class		4.00/A+	4.00/A+	4.00/A+
	Seasonal Energy Consumption	kWh/a	1259	1329	1890

<b>Indoor Data</b>		<b>RAS-</b>	<b>B16J2KVG-E</b>	<b>18J2KVG-E</b>	<b>24J2KVG-E</b>
Air Flow	High - Low	l/s	213 - 92	233 - 133	298 - 185
	High - Low	m³/h	768 - 330	840 - 480	1074 - 666
Sound	Pressure High - Low	dB(A)	43 - 22	48 - 32	48 - 35
	Power High - Low	dB(A)	58 - 37	63 - 47	63 - 50
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230	320x1050x250
	Weight	kg	10	9	14
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4
	Drain Pipe Connection OD/ID	mm	16/14	16/14	16/14
Remote controller			WH-UC01NE (Infra-Red)	WH-UC01NE (Infra-Red)	WH-UC01NE (Infra-Red)

<b>Outdoor Data</b>		<b>RAS-</b>	<b>16J2AVG-E</b>	<b>18J2AVG-E</b>	<b>24J2AVG-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
Air Flow	High	m³/h - l/s	2160 - 600	2160 - 600	2220 - 617
Sound	Pressure High Cooling/Heating	dB(A)	49/51	50/52	55/55
	Power High Cooling/Heating	dB(A)	64/66	65/67	70/70
Unit	Height x Width x Depth	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
	Weight	kg	30	34	38
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4
	Min.-Max. Length	m	2-20	2-20	2-20
	Maximum Height Difference	m	±12	±12	±12
	Drain Port Connection	mm	16	16	16
Refrigerant R32	Base Charge/Chargeless Length	kg/m	0.62/15	0.88/15	1.08/15
	Additional Charge	g/m	20	20	20
Run Current	Maximum	A	7.19	7.50	10.55
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply*	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-16	220-240/1/50-16	220-240/1/50-16

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### Accessories

- RB-RXS30-E Remote Controller Built-In Timer
- RB-N101S-G WiFi Controller
- RB-N102S-G WiFi Controller
- Weekly-timer, single combination
- WiFi adapter
- WiFi adapter and cable



- Wall installation
- Self-cleaning
- Automatic restart
- Hi-power
- Auto-diagnosis
- Single-split
- Remote control included
- Dry function
- ECO logic
- Drain connection both sides