



Shorai High-Wall Mounted Inverter Heat Pump

CODE		25	35	46	50	61	70	
Performance								
Indoor Unit		RAS-	B10PKVSG-E	B13PKVSG-E	B16PKVSG-E	18PKVSG-E	B22PKVSG-E	B24PKVSG-E
Outdoor Unit		RAS-	10PAVSG-E	13PAVSG-E	16PAVSG-E	18PAVSG-E	22PAVSG-E	24PAVSG-E
Nominal	Cooling Capacity	kW	2.5	3.5	4.6	5.0	6.1	7.0
	Heating Capacity	kW	3.2	4.2	5.5	6.0	7.0	8.0
UK	EER/COP	W/W	4.17/4.27	3.33/3.89	3.29/3.62	3.52/3.75	3.07/3.61	3.11/3.32
	Cooling Total/Sensible	kW	2.44/2.03	3.42/2.74	4.49/3.56	4.88/3.57	5.96/4.24	6.84/4.71
Cooling EN14825	Heating	kW	2.05	2.61	3.59	3.83	3.98	5.27
	Range Min. - Max.	kW	0.75 - 3.2	0.8 - 4.1	1.2 - 5.3	1.2 - 6.0	1.3 - 6.7	1.5 - 7.7
Heating EN14825	Power Input	kW	0.6	1.05	1.4	1.42	1.99	2.25
	Pdesign	kW	2.5	3.5	4.6	5.0	6.1	7.0
Cooling EN14825	SEER/Energy Efficiency Class		6.90/A++	6.50/A++	6.50/A++	7.30/A++	6.80/A++	6.25/A++
	Seasonal Energy Consumption	kWh/a	127	189	248	240	314	392
Heating EN14825	Range Min. - Max.	kW	0.9 - 4.8	0.9 - 5.3	0.9 - 6.5	0.8 - 6.5	0.9 - 7.5	1.6 - 8.8
	Power Input	kW	0.75	1.08	1.52	1.60	1.94	2.41
Heating EN14825	Pdesign	kW	2.5	3.2	4.0	4.3	4.7	6.3
	SCOP/Energy Efficiency Class		4.60/A++	4.60/A++	4.20/A+	4.40/A+	4.40/A+	4.00/A+
Heating EN14825	Seasonal Energy Consumption	kWh/a	761	974	1335	1368	1495	2166
Indoor Data								
Air Flow	High - Low	l/s	167 - 67	176 - 83	213 - 92	264 - 139	273 - 168	313 - 184
	High - Low	m³/h	600 - 240	636 - 300	768 - 330	950 - 499	984 - 606	1128 - 664
Sound	Pressure High - Low	dB(A)	39 - 23	39 - 23	43 - 25	44 - 26	46 - 27	48 - 28
	Power High - Low	dB(A)	54 - 39	54 - 39	58 - 41	59 - 46	61 - 49	63 - 50
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250	320 x 1050 x 250	320 x 1050 x 250
	Weight	kg	9	10	10	14	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 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
Remote Controller			WH-TA17NE (Infra-Red)	WH-TA17NE (Infra-Red)	WH-TA17NE (Infra-Red)	WH-TC09NE (Infra-Red)	WH-TC09NE (Infra-Red)	WH-TC09NE (Infra-Red)
Outdoor Data								
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
Air Flow	High	m³/h - l/s	1668 - 463	1980 - 550	2160 - 600	2076 - 576	2184 - 607	2916 - 810
Sound	Pressure High Cooling/Heating	dB(A)	46/47	48/50	49/52	49/50	53/52	53/53
	Power High Cooling/Heating	dB(A)	61/62	63/65	64/67	64/65	68/67	68/68
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	550 x 780 x 290	630 x 800 x 300
	Weight	kg	28	28	34	34	34	43
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4
	Min.-Max. Length	m	2-20	2-20	2-20	2-20	2-20	2-25
	Maximum Height Difference	m	±12	±12	±12	±12	±12	±15
	Drain Port Connection	mm	16	16	16	16	16	16
Refrigerant R32	Base Charge/Chargeless Length	kg/m	0.51/15	0.67/15	0.8/15	1.1/15	1.1/15	1.14/15
	Additional Charge	g/m	20	20	20	20	20	20
Run Current	Maximum	A	3.97	5.22	7.10	8.05	9.30	11.30
Power Cable	Outdoor to Indoor		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	220-240/1/50-16	220-240/1/50-16	220-240/1/50-16	220-240/1/50-16

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
- Single-split
- Self-cleaning
- Remote control included
- Automatic restart
- Dry function
- Hi-power
- ECO logic
- Auto-diagnosis
- Drain connection both sides
- Anti-dust pre-filter
- Plasma air purifier (Ag+)
- Toshiba IAQ filter
- Ionizer