

Bi-flow

Bi-Flow Console Inverter Heat Pump



CODE			25	35	50
Performance					
Indoor Unit		RAS-	B10J2FVG-E	B13J2FVG-E	B18J2FVG-E
Outdoor Unit		RAS-	10J2AVSG-E	13J2AVSG-E	18J2AVSG-E
Nominal	Cooling Capacity	kW	2.5	3.5	5.0
	Heating Capacity	kW	3.2	4.2	6.0
	EER/COP	W/W	4.24/3.90	4.02/3.31	2.98/2.93
UK	Cooling Total/Sensible	kW	2.44/2.03	3.42/2.74	4.40/3.56
	Heating	kW	1.90	2.51	3.43
Cooling EN14825	Range Min. - Max.	kW	0.95 - 3.2	1.05 - 4.1	1.2 - 5.6
	Power Input	kW	0.59	0.87	1.68
	Pdesign	kW	2.5	3.5	5.0
	SEER/Energy Efficiency Class		7.20/A++	7.00/A++	6.80/A++
	Seasonal Energy Consumption	kWh/a	121	174	257
Heating EN14825	Range Min. - Max.	kW	0.85 - 4.40	1.0 - 5.0	1.3 - 6.3
	Power Input	kW	0.82	1.27	2.05
	Pdesign	kW	2.5	3.0	4.0
	SCOP/Energy Efficiency Class		4.70/A++	4.70/A++	4.60/A++
	Seasonal Energy Consumption	kWh/a	744	893	1217
Indoor Data		RAS-	B10J2FVG-E	B13J2FVG-E	B18J2FVG-E
Air Flow	High - Low	l/s	136 - 71	153 - 75	183 - 101
	High - Low	m ³ /h	492 - 258	552 - 270	660 - 366
Sound	Pressure High - Low	dB(A)	39 - 23	40 - 24	47 - 31
	Power High - Low	dB(A)	54 - 38	55 - 39	61 - 46
Unit	Height x Width x Depth	mm	600 x 700 x 220	600 x 700 x 220	600 x 700 x 220
	Weight	kg	16	16	16
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4
	Drain Pipe Connection OD/ID	mm	16/14	16/14	16/14
Remote controller			WH-TA12LE	WH-TA12LE	WH-TA12LE
Outdoor Data		RAS-	10J2AVSG-E	13J2AVSG-E	18J2AVSG-E
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	m ³ /h - l/s	1890 - 524	1950 - 540	2076 - 576
Sound	Pressure High Cooling/Heating	dB(A)	45/47	47/49	49/51
	Power High Cooling/Heating	dB(A)	58/60	60/62	62/64
Unit	Height x Width x Depth	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
	Weight	kg	26	30	34
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 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	0.55/15	0.80/15	1.1/15
	Additional Charge	g/m	20	20	20
Run Current	Maximum	A	3.97	5.22	8.05
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-10	220-240/1/50-10	220-240/1/50-16

Accessories

RB-RXS30-E	Remote Controller	Weekly-timer, single combination
RB-RXS33-E	Remote Controller	WiFi adapter
RB-N104S-G	WiFi Control (model 10-18)	WiFi adapter and cable
RB-I301-E	Leak Detection	Leak detection sensor kit

