



RAS Bi-Flow Console Inverter Heat Pump

CODE			25	35	50
Performance					
Indoor Unit		RAS-	B10UFV-E1	B13UFV-E1	B18UFV-E1
Outdoor Unit		RAS-	10N3AV2-E1	13N3AV2-E1	18N3AV2-E
Nominal	Cooling Capacity	kW	2.5	3.5	5.0
	Heating Capacity	kW	3.2	4.2	5.8
	EER/COP	W/W	4.20/4.27	3.33/3.36	3.01/3.21
UK	Cooling Total/Sensible	kW	2.44/2.03	3.42/2.74	4.88/3.67
	Heating	kW	1.99	2.6	3.71
Cooling EN14825	Range Min. - Max.	kW	1.1 - 3.1	1.1 - 4.1	1.1 - 5.7
	Power Input	kW	0.595	1.05	1.66
	Pdesign	kW	2.5	3.5	5.0
	SEER/Energy Efficiency Class		6.60/A++	6.30/A++	5.70/A+
Heating EN14825	Seasonal Energy Consumption	kWh/a	133	194	307
	Range Min. - Max.	kW	1.0 - 4.8	1.0 - 5.0	1.1 - 6.3
	Power Input	kW	0.75	1.25	1.805
	Pdesign	kW	3.0	3.1	4.0
	SCOP/Energy Efficiency Class		4.10/A+	4.00/A+	3.80/A
	Seasonal Energy Consumption	kWh/a	1024	1085	1474

Indoor Data		RAS-	B10UFV-E1	B13UFV-E1	B18UFV-E1
Air Flow	High - Low	l/s	142 - 72	153 - 75	178 - 120
	High - Low	m³/h	510 - 258	552 - 270	642 - 366
Sound	Pressure High - Low	dB(A)	39 - 23	40 - 24	46 - 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	VP16/14	VP16/14	VP16/14
Remote controller			WH-L16SE (Infra-Red)	WH-L16SE (Infra-Red)	WH-L16SE (Infra-Red)

Outdoor Data		RAS-	10N3AV2-E1	13N3AV2-E1	18N3AV2-E
Operating Range	Cooling/Heating	°C	-10 to 46/-15 to 24	-10 to 46/-15 to 24	-10 to 46/-15 to 24
Air Flow	High	m³/h - l/s	1800 - 500	2250 - 625	2178 - 605
Sound	Pressure High Cooling/Heating	dB(A)	47	50	50
	Power High Cooling/Heating	dB(A)	62	65	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	33	34	39
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	±10	±10	±10
	Drain Port Connection	mm	16	16	16
Refrigerant R410A	Base Charge/Chargeless Length	kg/m	0.8/15	0.8/15	1.4/15
	Additional Charge	g/m	20	20	20
Run Current	Maximum	A	4.17	6.02	8.49
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	220-240/1/50-16	220-240/1/50-16

INDOOR RETAIL PRICE	£585	£638	£706
OUTDOOR RETAIL PRICE	£534	£661	£881
SYSTEM RETAIL PRICE (inc. Infra-red controller)	£1,119	£1,299	£1,587

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



-  Floor-mounted bi-flow
-  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
-  Toshiba IAQ filter