

- Bi-flow (two outlets for flow intensity and air direction)
- Fits perfectly under the window sill or in a low ceiling attic
- Easy to use command control interface on unit (includes child lock)
- Unique floor heating function
- New IAQ filtration system
- Auto-diagnosis function
- Easy to use remote control with extra large display



RAS Inverter Bi-Flow Console Inverter Split System

INDOOR UNIT	RAS-	B10UFV-E	B13UFV-E	B18UFV-E
OUTDOOR UNIT	RAS-	10N3AV2-E	13N3AV2-E	18N3AV2-E

Cooling Capacity	(kW)	2.50 (1.1 - 3.1)	3.50 (1.1 - 4.1)	5.00 (1.0 - 5.7)	
Heating Capacity	(kW)	3.2 (0.9 - 4.8)	4.2 (1.0 - 5.4)	5.8 (1.1 - 6.3)	
UK Total Cooling / Sensible Cooling Capacity	(kW)	2.44 / 2.03	3.42 / 2.74	4.89 / 3.77	
UK Heating Capacity	(kW)	2.05	2.69	3.72	
Operating Range Cooling / Heating	(°C)	46 to -10 / 24 to -15			
Cooling	EER / SEER	4.20 / 6.60	3.61 / 6.20	3.01 / 5.70	
	Seasonal Energy Consumption	(kWh/a)	106	198	307
	Power Consumption / Energy Efficiency Class		0.595 / A++	0.97 / A++	1.66 / A+
Heating	COP / SCOP	4.27 / 4.30	3.73 / 3.90	3.21 / 3.80	
	Seasonal Energy Consumption	(kWh/a)	980	1113	1474
	Power Consumption / Energy Efficiency Class		0.75 / A+	1.125 / A	1.805 / A

INDOOR UNIT

Standard Air Flow H/L	(l/s)	142 / 72	153 / 75	178 / 102
Standard Air Flow H/L	(m ³ /h)	510 / 258	552 / 270	642 / 366
Sound Pressure Level H/L	(dBA)	39 / 26	40 / 27	46 / 34
Sound Power Level H/L	(dBA)	54 / 41	55 / 42	61 / 49
Height / Width / Depth	(mm)	600 / 700 / 220		
Total Weight	(kg)	16		
Gas Side	(mm / ")	12.7 - 1/2		
Liquid Side	(mm / ")	6.4 - 1/4		
Drain Port (outer/inner)	(mm)	16 / 14		
Power Cable From Outdoor To Indoor		3 core + earth		
Remote Controller (Standard Supplied)		UFV (Infra-Red)		

OUTDOOR UNIT

Standard Air Flow	(l/s)	500	625	605
Standard Air Flow	(m ³ /h)	1800	2250	2178
Sound Pressure Level Cooling / Heating	(dBA)	46 / 47	48 / 50	49 / 50
Sound Power Level Cooling / Heating	(dBA)	61 / 62	63 / 65	64 / 65
Refrigerant Base Charge / Chargeless To	(kg / m)	0.8 / 15		1.4 / 15
Refrigerant Additional Charge Main Liquid Side	(g/m)	20		
Minimum / maximum piping length	(m)	2 / 20		
Height Difference Outdoor To Indoor	(m)	±10		
Pipe Connections Gas Side	(mm / ")	9.5 - 3/8		12.7 - 1/2
Pipe Connections Liquid Side	(mm / ")	6.4 - 1/4		
Drain Port Connector Hose Inner Diameter	(mm)	16		
Height / Width / Depth	(mm)	550 / 780 / 290		
Total Weight	(kg)	33		41
Maximum Run Current	(Amps)	3.51	5.18	8.19
Power Supply		1 phase 230v 50Hz		
Suggested Fused Supply	(Amps)	10		16