

- Perfect fusion of aesthetics and technology
- Extremely low sound levels down to 22 dB(A)
- Easy installation and maintenance
- Auto-diagnosis function
- Latest digital hybrid inverter technology
- Easy-to-use remote control with extra-large display
- Self-cleaning function



RAS High-Wall Inverter Split System

CODE		20	25	35	45
INDOOR UNIT	RAS-	07BKV-E	10BKV-E	13BKV-E	16BKV-E
OUTDOOR UNIT	RAS-	07BAV-E	10BAV-E	13BAV-E	16BAV-E

Cooling Capacity	kW	2.00 (0.64 - 2.50)	2.50 (0.67 - 3.10)	3.10 (0.75 - 3.50)	4.40 (1.1 - 4.8)	
Heating Capacity	kW	2.50 (0.55 - 3.20)	3.20 (0.70 - 3.90)	3.60 (0.70 - 4.50)	5.20 (0.80 - 6.10)	
UK Total Cooling/Sensible Cooling Capacity	kW	1.95/1.68	2.44/2.03	3.30/2.44	4.30/3.80	
UK Heating Capacity	kW	1.40	1.78	2.01	3.21	
Operating Range Cooling/Heating	°C	46 to -15/24 to -15				
Cooling	EER/SEER	3.33/5.70	2.94/5.60	2.70/5.70	2.82/5.90	
	Seasonal Energy Consumption	kWh/a	123	156	190	261
	Power Consumption/Energy Efficiency Class		0.58/A+	0.85/A+	1.15/A+	1.56/A+
Heating	COP/SCOP	4.03/4.00	3.81/4.00	3.75/4.00	3.42/4.20	
	Seasonal Energy Consumption	kWh/a	630	840	980	1333
	Power Consumption/Energy Efficiency Class		0.62/A+	0.84/A+	0.96/A+	1.52/A+

INDOOR UNIT

Standard Air Flow H/L	l/s	148/65	153/67	172/73	210/88
Standard Air Flow H/L	m ³ /h	534/234	552/240	618/264	756/318
Sound Pressure Level H/L	dBA	38/23	39/24	42/24	43/26
Sound Power Level H/L	dBA	55/37	56/38	57/39	58/41
Height/Width/Depth	mm	293/798/230			
Total Weight	kg	9			10
Gas Side	mm - "	9.5 - 3/8			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)		WH-UA01NE (Infra-Red)			

OUTDOOR UNIT

Standard Air Flow Cooling/Heating	l/s	483/500	517/517	550/550	567/567
Standard Air Flow Cooling/Heating	m ³ /h	1740/1800	1860/1860	1980/1980	2040/2040
Sound Pressure Level Cooling/Heating	dBA	48/50	48/50	48/50	49/50
Sound Power Level Cooling/Heating	dBA	62/64	63/65	64/65	64/65
Refrigerant Base Charge/Chargeless To	kg/m	0.48/15	0.52/15	0.58/15	0.90/15
Refrigerant Additional Charge Main Liquid Side	g/m	-			20
Minimum/Maximum Piping Length	m	2/15			2/20
Height Difference Outdoor To Indoor	m	±12			
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	530/660/240			550/780/290
Total Weight	kg	21		22	34
Maximum Run Current	A	3.17	4.19	5.60	7.05
Power Supply*		1 phase 230 V 50 Hz			
Suggested Fused Supply*	A	10			16