

## RAS Wall Mounted Inverter

- Ultra-quiet operation
- New enhanced aesthetic and slimline design
- Latest digital hybrid inverter technology for increased energy efficiency and optimised comfort
- 7 stage filtration system
- One-touch preset user settings



Heat Pump



Inverter



Infra red RC



Auto Mode Selection



Auto Diagnosis



Auto Restart



Refrigerant



12 Position Swing Louvre



Sleep Timer



7 Stage Filtration

Indoor Unit		RAS-10SKV-E	RAS-13SKV-E	RAS-16SKV-E
Outdoor Unit		RAS-10SAV-E	RAS-13SAV-E	RAS-16SAV-E
Nominal Cooling (Range)	kW	2.5 (1.1 - 3.0)	3.5 (1.1 - 4.0)	4.6 (1.2 - 5.2)
Nominal Heating (Range)	kW	3.2 (0.9 - 4.1)	4.2 (1.1 - 5.8)	5.9 (1.3 - 7.4)
UK Cooling	kW	2.4	3.4	4.3
UK Sensible Cooling	kW	2.0	2.8	3.5
UK Heating	kW	3.1	4.0	5.9
Power Consumption (Cooling/Heating)	kW	0.75 / 0.86	1.07 / 1.13	1.63 / 1.73
EER (Cooling/Heating)		3.33 / 3.72	3.27 / 3.72	2.82 / 3.42
Energy Label (Cooling/Heating)		A / A	A / A	C / B
Operating Range - Cooling	°C	15 to 43	-10 to 46	-10 to 46
Operating Range - Heating	°C	-10 to 24	-15 to 24	-15 to 24
Airflow Indoor (Low/High)	l/s	112 / 160	157 / 175	191 / 206
Sound Pressure Indoor - Cooling (Low/High)	dBA	29 / 38	26 / 39	30 / 45
Sound Pressure Indoor - Heating (Low/High)	dBA	30 / 40	28 / 40	31 / 45
Sound Pressure Outdoor (Cool/Heat)	dBA	48 / 50	48 / 50	49 / 50
Indoor Unit (HxWxD)	mm	250 x 740 x 195	275 x 790 x 205	275 x 790 x 205
Outdoor Unit (HxWxD)	mm	530 x 660 x 240	550 x 780 x 290	550 x 780 x 290
Weight Indoor	kg	8	9	9
Weight Outdoor	kg	29	35	35
Pipe Sizes	in	1/4 + 3/8	1/4 + 3/8	1/4 + 1/2
Maximum Pipe Run	m	10	20	20
Vertical Separation	m	8	10	10
Pre-Charged For	m	10	15	15
Factory Refrigerant Charge	kg	0.63	0.80	0.85
Additional Refrigerant	g/m	NA	20	20
Power Supply	V/Ph/Hz	230/1/50	230/1/50	230/1/50
Supply To		Outdoor	Outdoor	Outdoor
Interconnecting Cables		3 + E	3 + E	3 + E
Starting Current	A	4.1	5.4	7.4
Running Current	A	4.0	5.2	7.2
Fused At	A	10	10	16