

## RAV Wall Mounted Digital Inverter (DI)

- Low height single fan outdoor units
- Sleep timer with ECO-logic
- Twin split option (wired controller required)
- Zeolite-Plus filtering system
- R22 replacement technology (3 series outdoor units only)



Heat Pump



Inverter



Infra red RC



Automatic Changeover



Auto Diagnosis



Auto Restart



Fixed and Swing Louvre



Refrigerant



Optional Remote On/Off &amp; Status Outputs



Optional Wired Controller

Indoor Unit		RAV-SM562KRT-E	RAV-SM802KRT-E
Outdoor Unit		RAV-SM563AT-E	RAV-SM803AT-E
Nominal Cooling (Range)	kW	5.1 (1.5 - 5.6)	7.0 (2.2 - 8.0)
UK Cooling	kW	5.4	7.7
UK Sensible Cooling	kW	4.2	5.8
Nominal Heating (Range)	kW	5.6 (1.5 - 6.3)	8.0 (2.2 - 9.0)
UK Heating	kW	5.0	7.2
Power Consumption (Cooling/Heating)	kW	1.74 / 1.70	2.85 / 2.67
EER (Cooling/Heating)		2.93 / 3.29	2.46 / 3.00
Energy Label (Cooling/Heating)		C / C	E / D
Operating Range - Cooling	°C	-15 to +43	-15 to +43
Operating Range - Heating	°C	-15 to +15	-15 to +15
Airflow Indoor (Low/Med/High)	l/s	178 / 208 / 233	203 / 243 / 308
Sound Pressure Indoor (Low/Med/High)	dBA	33 / 36 / 39	36 / 41 / 45
Sound Pressure Outdoor (Cool/Heat)	dBA	46 / 48	48 / 50
Indoor Unit (HxWxD)	mm	298 x 998 x 221	298 x 998 x 221
Outdoor Unit (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290
Weight Indoor	kg	12	12
Weight Outdoor	kg	38	44
Pipe Sizes	in	1/4 + 1/2	3/8 + 5/8
Maximum Pipe Run	m	30	30
Vertical Separation	m	30	30
Pre-Charged For	m	20	20
Factory Refrigerant Charge	kg	1.00	1.70
Additional Refrigerant	g/m	20	40
Power Supply	V/Ph/Hz	230/1/50	230/1/50
Supply To		Outdoor	Outdoor
Interconnecting Cables		3 + E	3 + E
Running Current	A	8.2	11.8
Fused At	A	16	16

It is possible to increase these units maximum air flows, which in turn increase both the total and sensible cooling capacity.

This configuration is completed by connecting a hard wired controller and modifying configuration item 5d.

### Setting the airflow to maximum

- ◆ Increases total capacity by approx. 10%
- ◆ Increases sensible capacity by approx 30%
- ◆ Increases air flow and discharge velocity by 40%
- ◆ Increases throw by 25%
- ◆ Noise is increase by 5 dB