

RAV Ducted Digital Inverter (DI)

- Low height single fan outdoor units
- Twin split option
- Back return filter kit option
- External static pressure up to 90Pa
- R22 replacement technology (3 series outdoor units only)



Heat Pump



Inverter



Wired Remote Controller



Automatic Changeover



Auto Diagnosis



Auto Restart



Lift Pump (270mm from outlet)



Refrigerant



Optional Remote On/Off & Status Outputs



Optional Remote Sensor

Indoor Unit		RAV-SM562BT-E	RAV-SM802BT-E	RAV-SM1102BT-E	RAV-SM1402BT-E
Outdoor Unit		RAV-SM563AT-E	RAV-SM803AT-E	RAV-SM1103AT-E	RAV-SM1403AT-E
Wired Remote Controller c/w Time Clock		RBC-AMS41E	RBC-AMS41E	RBC-AMS41E	RBC-AMS41E
Nominal Cooling (Range)	kW	5.0 (1.5 - 5.6)	7.1 (2.2 - 8.0)	10.0 (2.2 - 11.2)	12.5 (3.0 - 13.2)
UK Cooling	kW	5.4	7.7	10.7	12.7
UK Sensible Cooling	kW	4.2	5.8	7.6	8.6
Nominal Heating (Range)	kW	5.6 (1.5 - 6.3)	8.0 (2.2 - 9.0)	11.2 (2.2 - 12.5)	14.0 (3.0 - 16.0)
UK Heating	kW	5.0	7.2	10.0	12.8
Power Consumption (Cooling/Heating)	kW	1.78 / 1.71	2.52 / 2.41	3.56 / 3.14	4.42 / 4.03
EER (Cooling/Heating)		2.81 / 3.27	2.81 / 3.32	2.81 / 3.57	2.83 / 3.47
Energy Label (Cooling/Heating)		C / C	C / C	C / B	C / B
Operating Range - Cooling	°C	-15 to +43	-15 to +43	-15 to +43	-15 to +43
Operating Range - Heating	°C	-15 to +15	-15 to +15	-15 to +15	-15 to +15
Airflow Indoor (Low/Med/High)	l/s	163 / 198 / 217	222 / 270 / 317	315 / 383 / 450	385 / 467 / 550
External Static Pressure (High Speed)	Pa	42	45	48	50
Discharge Spigots		2 x 200mm	3 x 200mm	4 x 200mm	4 x 200mm
Sound Pressure Indoor (Low/Med/High)	dBA	33 / 37 / 40	34 / 37 / 40	36 / 39 / 42	38 / 41 / 44
Sound Pressure Outdoor (Cool/Heat)	dBA	46 / 48	48 / 50	53 / 54	54 / 54
Indoor Unit (HxWxD)	mm	320 x 700 x 800	320 x 1000 x 800	320 x 1350 x 800	320 x 1350 x 800
Outdoor Unit (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	795 x 900 x 320	795 x 900 x 320
Weight Indoor	kg	30	39	54	54
Weight Outdoor	kg	38	42	77	77
Pipe Sizes	in	1/4 + 1/2	3/8 + 5/8	3/8 + 5/8	3/8 + 5/8
Maximum Pipe Run	m	30	30	50	50
Vertical Separation	m	30	30	30	30
Pre-Charged For	m	20	20	30	30
Factory Refrigerant Charge	kg	1.00	1.70	2.80	2.80
Additional Refrigerant	g/m	20	40	40	40
Power Supply	V/Ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Supply To		Outdoor	Outdoor	Outdoor	Outdoor
Interconnecting Cables		3 + E	3 + E	3 + E	3 + E
Running Current	A	8.2	11.8	15.8	19.9
Fused At	A	16	16	20	25