

RAV Ducted Super Digital Inverter (SDI)

- Twin / Triple / Quad split option (certain models only)
- Cooling operation down to -15°C ambient
- High performance heating, even at -15°C ambient
- Extended pipe runs/greater installation flexibility
- R22 replacement technology



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-SP564AT-E	RAV-SP804AT-E	RAV-SP1104AT-E	RAV-SP1404AT-E
Wired Remote Controller c/w Time Clock		RBC-AMS41E	RBC-AMS41E	RBC-AMS41E	RBC-AMS41E
Nominal Cooling (Range)	kW	5.0 (2.2 - 5.6)	7.1 (2.2 - 8.0)	10.0 (3.0 - 11.2)	12.5 (3.0 - 14.0)
UK Cooling	kW	5.4	7.7	11.5	13.4
UK Sensible Cooling	kW	4.2	5.8	8.1	9.1
Nominal Heating (Range)	kW	5.6 (2.2 - 7.0)	8.0 (2.2 - 9.5)	11.2 (3.0 - 12.5)	14.0 (3.0 - 16.5)
UK Heating	kW	5.6	7.6	10.4	13.2
Power Consumption (Cooling/Heating)	kW	1.39 / 1.55	2.10 / 2.41	2.94 / 2.77	3.83 / 3.41
EER (Cooling/Heating)		3.60 / 3.61	3.38 / 3.32	3.40 / 4.04	3.26 / 4.11
Energy Label (Cooling/Heating)		A / A	A / A	A / A	A / A
Operating Range - Cooling	°C	-15 to +43	-15 to +43	-15 to +43	-15 to +43
Operating Range - Heating	°C	-20 to +15	-20 to +15	-20 to +15	-20 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	mm	2 x 200mm	3 x 200mm	4 x 200mm	4 x 200mm
Sound Pressure Indoor (Low/Med/High)	dB(A)	33 / 37 / 40	34 / 37 / 40	36 / 39 / 42	38 / 41 / 44
Sound Pressure Outdoor (Cool/Heat)	dB(A)	47 / 48	48 / 49	49 / 50	51 / 52
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	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight Indoor	kg	30	39	54	54
Weight Outdoor	kg	44	63	93	93
Pipe Sizes	in	1/4 + 1/2	3/8 + 5/8	3/8 + 5/8	3/8 + 5/8
Maximum Pipe Run	m	50	50	75	75
Vertical Separation	m	30	30	30	30
Pre-Charged For	m	20	30	30	30
Factory Refrigerant Charge	kg	1.50	2.10	3.10	3.10
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	7.26	9.74	13.78	17.76
Fused At	A	16	16	20	25