

- Compact size
- New DC fan motor for high external static pressure
- PC board panel easily accessible from the side of the unit
- Double option for air intake
- High lift drain pump reach up to 290mm
- R22 & R407c replacement technology

SUPER
DIGITAL INVERTER



Ducted Systems

Whatever the shape of the room, ducted units provide uniform temperature and excellent airflow ensuring comfortable conditions. The unit combines powerful air distribution with compact dimensions and is ideal for applications where hidden or discreet units with very low noise levels are required.

Model Reference		RAV-SM406BT-E RAV-SP404AT-E	RAV-SM566BT-E RAV-SP564AT-E	RAV-SM806BT-E RAV-SP804AT-E	RAV-SM1106BT-E RAV-SP1104AT-E*	RAV-SM1406BT-E RAV-SP1404AT-E*
Indoor						
Outdoor						
Nominal Cooling Capacity	kW	3.6	5.0	7.1	10.0	12.5
Nominal Heating Capacity	kW	4.0	5.6	8.0	11.2	14.0
UK Total Cooling	kW	3.64	5.03	7.12	10.06	12.57
UK Total Heating	kW	3.19	4.46	6.38	8.93	11.16
UK Sensible Cooling	kW	4.2	4.2	5.85	8.19	9.26
EER/COP		3.38/3.84	3.21/3.61	3.45/3.62	3.79/4.04	3.26/3.81
SEER/SCOP Value		5.12/4.02	4.88/4.01	5.88/4.00	5.65/3.87	5.05/4.05

Technical Specification

Annual Power Consumption	kWh	535	780	1030	1320	1915
Energy Label Cool/Heat	A/A+	A/A+	B/A+	A+/A+	A+/A	A/A
Power Supply To & Phase	Outdoor /1	Outdoor /1	Outdoor /1	Outdoor /1	Outdoor /1	Outdoor /1
Interconnecting Cable	3 core & E	3 core & E	3 core & E	3 core & E	3 core & E	3 core & E
System Start Current	A	1	1	1	1	1
Running Current (max)	A	5.40 (11.2)	7.23 (13.7)	10.30 (20.7)	12.90 (12.90)	17.70 (22.6)
Indoor Units		RAV-SM406BT-E	RAV-SM566BT-E	RAV-SM806BT-E	RAV-SM1106BT-E	RAV-SM1406BT-E
Airflow High/Low	M3/h	800/480	800/480	1200/720	2100/1260	2100/1260
Airflow High/Low	l/s	222/113	222/113	333/200	583/350	583/350
Unit Dimensions (HxWxD)	mm	275x700x750	275x700x750	275x1000x750	275x1400x750	275x1400x750
Sound Pressure H/L	dB(A)	33/25	33/25	34/26	40/33	40/33
Weight	kg	23	23	30	40	40
Outdoor Units		RAV-SP404AT-E	RAV-SP564AT-E	RAV-SP804AT-E	RAV-SP1104AT-E	RAV-SP1404AT-E
Suggested Fuse Size	A	16	16	25	25	25
Pipe Sizes	mm/	12.7 (1/2") - 6.4 (1/4")	12.7 (1/2") - 6.4 (1/4")	15.9 (5/8") - 9.5 (3/8")	15.9 (5/8") - 9.5 (3/8")	15.9 (5/8") - 9.5 (3/8")
Refrigerant Pre-Charge/Length	m	20	20	30	30	30
Additional Refrigerant	g/m	20	20	30	40	40
Max Pipe Length/Height	m	30/30	50/30	50/30	75/30	75/30
Sound Pressure Cool/Heat	dB(A)	45/47	47/48	48/49	49/50	51/52
Unit Dimensions (HxWxD)	mm	550x780x290	550x780x290	890x900x320	1340x900x320	1340x900x320
Weight	kg	40	44	63	93	93
Operating Range	°C	Cooling -15 °C to 43 °C, Heating -20 °C to 15 °C				