

- Unobtrusive unit, easily installed and discrete in any interior. Ideal solution for both new and refurbished buildings
- Inspection hole enables easy access and maintenance
- Static pressure can be set to 3 levels (68, 137 and 196 Pa)
- R22 & R407C replacement technology



High Static Ducted Systems Digital Inverter

CODE		200	250
INDOOR UNIT	RAV-	SM2244DTP-E	SM2804DTP-E
OUTDOOR UNIT	RAV-	SM2244AT8-E	SM2804AT8-E
Cooling Capacity	kW	20.0 (9.8 - 22.4)	23.7 (9.8 - 27.0)
Heating Capacity	kW	22.4 (9.8 - 25.0)	27.0 (9.8 - 31.5)
UK Total Cooling/Sensible Cooling Capacity	kW	18.20/15.80	21.50/18.80
UK Heating Capacity	kW	14.63	17.63
Operating Range Cooling/Heating	°C	46 to -15/15 to -20	
Cooling	EER/SEER/ESEER	3.18/4.81/5.01	2.71/4.34/4.54
	Seasonal Energy Consumption	kWh/a	-
	Power Consumption/Energy Efficiency Class	6.29/B	8.75/C
Heating	COP/SCOP/ES COP	3.79/4.20/4.34	3.75/3.88/4.00
	Seasonal Energy Consumption	kWh/a	-
	Power Consumption/Energy Efficiency Class	5.91/A+	7.20/A

INDOOR UNIT

Standard Air Flow H/M/L	l/s	1056/889/694	1333/1167/972
Standard Air Flow H/M/L	m³/h	3800/3200/2500	4800/4200/3500
External Static Pressure Standard/(Upper - Lower)	Pa	150/(250 -50)	
Sound Pressure Level Back Inlet H/M/L	dBA	44/40/36	46/42/38
Sound Power Level Back Inlet H/M/L	dBA	79/75/71	81/77/73
Height/Width/Depth	mm	448/1400/900	
Total Weight	kg	97	
Gas Side	mm - "	28.6 - 1-1/8	
Liquid Side	mm - "	12.7 - 1/2	
Drain Port (Inner/Outer)	mm	25/32	
Power Supply		1 phase 230 V 50 Hz	
Suggested Fused Supply	A	15	
Power Cable From Outdoor To Indoor		3 core + earth	
Remote Controller (Standard Supplied)		RBC-AMT32E - (Wired 2-core non-polarity)	

OUTDOOR UNIT

Standard Air Flow	l/s	2222	2500
Standard Air Flow	m³/h	8000	9000
Sound Pressure Level Cooling/Heating	dBA	56/57	57/58
Sound Power Level Cooling/Heating	dBA	72/74	74/75
Refrigerant Base Charge/Chargeless To	kg/m	5.9/30	
Refrigerant Additional Charge Main Liquid Side	g/m	80	
Minimum/Maximum Piping Length	m	7.5/70	
Height Difference Outdoor To Indoor	m	±30	
Pipe Connections Gas Side	mm - "	28.6 - 1-1/8	
Pipe Connections Liquid Side	mm - "	12.7 - 1/2	
Drain Port Connector Hose Inner Diameter	mm	16	
Height/Width/Depth	mm	1540/900/320	
Total Weight	kg	134	
Maximum Run Current	A	13.33	15.83
Power Supply		3 phase 400 V 50 Hz	
Suggested Fused Supply	A	16	20

ACCESSORIES

RBC-AMS41E	Remote Controller Built-In Timer	Full control including service functions with fully programmable 7-day timer
RBC-AMS54E-ES	Lite-Vision Plus Remote Controller	Includes timer and backlight display as well as power save functions, multilingual
RBC-AS41E	Simplified Controller	Ideal for hotel and base use applications (no service function available)
RBC-SMF1	Fan Interface	Interface to provide an output to enable an external fan from the unit
RBC-SMTI	CN02 Connector Timer Interface Lead	Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller
TCB-TC41LE	Remote Sensor	Ideal for allowing automatic control but room sensing required for comfort