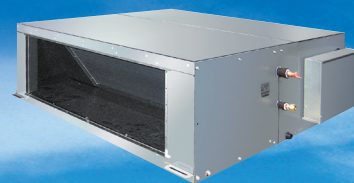


- Unobtrusive unit, easily installed and discretely in any interior. Ideal solution for both new and refurbishing buildings
- Inspection hole enables easy access and maintenance
- Static pressure can be set to 3 levels (68, 137 and 196 Pa)
- R22 & R407c replacement technology



High Static Ducted Systems Digital Inverter

INDOOR UNIT	RAV-	SM2242DT-E	SM2802DT-E
OUTDOOR UNIT	RAV-	SM2244AT8-E	SM2804AT8-E
Cooling Capacity	(kW)	20.0 (9.8 - 22.4)	23.0 (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)	19.30 / 15.00	22.20 / 16.70
UK Heating Capacity	(kW)	14.63	17.63
Operating Range Cooling / Heating	(°C)	46 to -15 / 15 to -20	
Cooling	EER / SEER / ESEER	2.78 / 4.15 / 4.31	2.63 / 4.51 / 4.73
	Seasonal Energy Consumption	(kWh/a)	-
	Power Consumption / Energy Efficiency Class	7.20 / C	8.75 / C
Heating	COP / SCOP / ESCOP	3.45 / 4.11 / 4.28	3.31 / 3.98 / 4.14
	Seasonal Energy Consumption	(kWh/a)	-
	Power Consumption / Energy Efficiency Class	6.49 / A+	8.15 / A

INDOOR UNIT

Standard Air Flow H/M/L	(l/s)	1000	1167
Standard Air Flow H/M/L	(m ³ /h)	3600	4200
External Static Pressure Standard / (Upper - Lower)	(Pa)	137 / (196 - 68.6)	
Sound Pressure Level Back Inlet H/M/L	(dBA)	54	55
Sound Power Level Back Inlet H/M/L	(dBA)	74	75
Height / Width / Depth	(mm)	470 / 1380 / 1250	
Total Weight	(kg)	160	
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 230v 50Hz	
Suggested Fused Supply	(Amps)	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	(m ³ /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 / “)	19.1 - 3/4	
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	(Amps)	13.33	15.83
Power Supply		3 phase 400v 50Hz	
Suggested Fused Supply	(Amps)	16	20

ACCESSORIES

RBC-AMS41E	Remote Controller Built In Timer	Full control including service functions with fully programmable 7 day timer
RBC-AMS51E-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-SMT1	CN02 Connector Timer Interface Lead	Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller
TCB-TC21LE2	Remote Sensor	Ideal for allowing automatic control but room sensing required for comfort

* RBC-AMT32E (£52) standard remote included in system price.