

- Air-flow angle is automatically set to the most suitable setting according to requirements
- Drain pan positioned inside the unit ensures the maximum hygiene and is easily recyclable
- R22 & R407c replacement technology
- Infra-red receiver sensor slot positioned to allow direct wireless control
- Self cleaning



Ceiling Systems Digital Inverter

INDOOR UNIT	RAV-	SM567CTP-E	SM807CTP-E	SM1107CTP-E	SM1407CTP-E	SM1607CTP-E	
OUTDOOR UNIT	RAV-	SM564ATP-E	SM804ATP-E	SM1104ATP-E	SM1404ATP-E	SM1603AT-E	
Cooling Capacity	(kW)	5.0 (1.5 - 5.6)	6.9 (1.5 - 7.4)	10.0 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 16.0)	
Heating Capacity	(kW)	5.3 (1.5 - 6.3)	7.7 (1.5 - 9.0)	11.2 (3.0 - 12.5)	12.8 (3.0 - 16.0)	16.0 (3.0 - 18.0)	
UK Total Cooling / Sensible Cooling Capacity	(kW)	4.80 / 3.60	6.60 / 5.00	9.50 / 7.20	11.50 / 8.40	13.30 / 9.30	
UK Heating Capacity	(kW)	3.79	5.51	8.01	9.16	10.45	
Operating Range Cooling / Heating	(°C)	46 to -15 / 15 to -15				43 to -15 / 15 to -15	
Cooling	EER / SEER / ESEER	3.11 / 5.41 / 6.70	2.90 / 5.62 / 6.79	3.22 / 5.79 / 6.86	2.74 / 5.53 / 5.88	3.01 / 4.94 / 5.17	
	Seasonal Energy Consumption	(kWh/a)	324	429	604	-	
	Power Consumption / Energy Efficiency Class	1.61 / A	2.38 / A+	3.11 / A+	4.42 / A	4.65 / B	
Heating	COP / SCOP / ESCOP	3.90 / 4.21 / 5.34	3.62 / 4.01 / 5.15	3.81 / 4.27 / 5.52	3.73 / 4.55 / 4.72	3.47 / 4.36 / 4.56	
	Seasonal Energy Consumption	(kWh/a)	1562	2372	2489	-	
	Power Consumption / Energy Efficiency Class	1.36 / A+	2.13 / A+	2.94 / A+	3.43 / A+	4.61 / A+	

INDOOR UNIT

Standard Air Flow H/M/L	(l/s)	250 / 200 / 150	392 / 278 / 208	517 / 375 / 283	567 / 425 / 333	567 / 458 / 350
Standard Air Flow H/M/L	(m3/h)	900 / 720 / 540	1410 / 1002 / 750	1860 / 1350 / 1020	2040 / 1530 / 1200	2040 / 1650 / 1260
Sound Pressure Level Back Inlet H/M/L	(dBA)	37 / 35 / 28	41 / 36 / 29	44 / 38 / 32	46 / 41 / 35	46 / 42 / 36
Sound Power Level Back Inlet H/M/L	(dBA)	52 / 50 / 43	56 / 51 / 44	59 / 53 / 47	61 / 56 / 50	61 / 57 / 51
Height / Width / Depth	(mm)	235 / 950 / 690	235 / 1270 / 690	235 / 1586 / 690		
Total Weight	(kg)	23	29	35		
Gas Side	(mm / ")	12.7 - 1/2	15.9 - 5/8			
Liquid Side	(mm / ")	6.4 - 1/4	9.5 - 3/8			
Drain Port (inner/outer)	(mm)	20 / 26				
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)	667	750	1133	1167	1717
Standard Air Flow	(m3/h)	2400	2700	4080	4200	6180
Sound Pressure Level Cooling / Heating	(dBA)	46 / 48	48 / 52	53 / 54	54 / 55	51 / 53
Sound Power Level Cooling / Heating	(dBA)	63 / 65	65 / 69	70 / 71		68 / 70
Refrigerant Base Charge / Chargeless To	(kg / m)	1.1 / 20	1.7 / 20	2.8 / 30		3.1 / 30
Refrigerant Additional Charge Main Liquid Side	(g/m)	20	40			
Minimum / maximum piping length	(m)	5 / 30		5 / 50		
Height Difference Outdoor To Indoor	(m)	±30				
Pipe Connections Gas Side	(mm / ")	12.7 - 1/2	15.9 - 5/8			
Pipe Connections Liquid Side	(mm / ")	6.4 - 1/4	9.5 - 3/8			
Drain Port Connector Hose Inner Diameter	(mm)	16				
Height / Width / Depth	(mm)	550 / 780 / 290		890 / 900 / 320		1340 / 900 / 320
Total Weight	(kg)	40	44	68		99
Maximum Run Current	(Amps)	7.54	11.15	15.04	21.37	21.70
Power Supply		1 phase 230v 50Hz				
Suggested Fused Supply	(Amps)	16	20	32		

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.