

- 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 Super Digital Inverter

INDOOR UNIT	RAV-	SM567CTP-E	SM807CTP-E	SM1107CTP-E	SM1107CTP-E	SM1407CTP-E	SM1407CTP-E	SM1607CTP-E	
OUTDOOR UNIT	RAV-	SP564ATP-E	SP804ATP-E	SP1104AT-E	SP1104AT8-E	SP1404AT-E	SP1404AT8-E	SP1604AT8-E	
Cooling Capacity	(kW)	5.0 (1.2 - 5.6)	7.1 (1.9 - 8.0)	10.0 (2.6 - 12.0)		12.5 (2.6 - 14.0)		14.0 (2.6 - 16.0)	
Heating Capacity	(kW)	5.6 (0.9 - 7.4)	8.0 (1.3 - 10.6)	11.2 (2.4 - 13.0)	11.2 (2.4 - 14.0)	14.0 (2.4 - 16.5)	14.0 (2.4 - 18.0)	16.0 (2.4 - 19.0)	
UK Total Cooling / Sensible Cooling Capacity	(kW)	4.80 / 3.60	6.70 / 5.10	9.50 / 7.20		11.90 / 8.70		13.30 / 9.30	
UK Heating Capacity	(kW)	3.66	5.22	7.31		9.14		10.45	
Operating Range Cooling / Heating	(°C)	43 to -15 / 15 to -20			46 to -15 / 15 to -20	43 to -15 / 15 to -20		46 to -15 / 15 to -20	
Cooling	EER / SEER / ESEER	3.65 / 5.45 / 6.49	3.82 / 6.21 / 7.72	4.08 / 6.18 / 7.45	4.22 / 6.35 / 7.65	3.21 / 5.14 / 5.37	3.36 / 5.49 / 5.76	3.11 / 5.49 / 5.79	
	Seasonal Energy Consumption	(kWh/a)	321	400	567	551	-		
	Energy Efficiency Class		1.37 / A	1.86 / A++	2.45 / A++	2.37 / A++	3.90 / A	3.72 / A	4.50 / A
Heating	COP / SCOP / ESCOP	4.38 / 4.28 / 5.68	4.17 / 4.10 / 5.00	4.69 / 4.27 / 5.06	4.43 / 4.41 / 5.27	3.87 / 4.09 / 4.23	3.93 / 4.65 / 4.85	3.71 / 4.73 / 4.96	
	Seasonal Energy Consumption	(kWh/a)	1765	2596	3801	3685	-		
	Energy Efficiency Class		1.28 / A+	1.92 / A+	2.39 / A+	2.53 / A+	3.62 / A+	3.56 / A++	4.31 / A++

INDOOR UNIT

Standard Air Flow H/M/L	(l/s)	250 / 200 / 150	392 / 278 / 208	517 / 375 / 283		567 / 425 / 333		
Standard Air Flow H/M/L	(m3/h)	900 / 720 / 540	1410 / 1002 / 750	1860 / 1350 / 1020		2040 / 1530 / 1200		
Sound Pressure Level H/M/L	(dBA)	37 / 35 / 28	41 / 36 / 29	44 / 38 / 32		46 / 41 / 35		46 / 42 / 36
Sound Power Level 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	833	1683		1717		
Standard Air Flow	(m3/h)	2400	3000	6060		6180		
Sound Pressure Level Cooling / Heating	(dBA)	47 / 48	48 / 49	49 / 50		51 / 52		51 / 53
Sound Power Level Cooling / Heating	(dBA)	63 / 64	64 / 65	66 / 67		68 / 69		68 / 70
Refrigerant Base Charge / Chargeless To	(kg / m)	1.4 / 20	2.1 / 30	3.1 / 30				
Refrigerant Additional Charge Main Liquid Side	(g/m)	20		40				
Minimum / maximum piping length	(m)	5 / 50			3 / 75			
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)	44	66	93	95	93	95	
Maximum Run Current	(Amps)	6.55	9.02	10.43	3.72	15.76	5.42	6.66
Power Supply		1 phase 230v 50Hz			3 phase 400v 50Hz	1 phase 230v 50Hz	3 phase 400v 50Hz	
Suggested Fused Supply	(Amps)	16			10	25	16	

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-SMTI	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.