

- Two louvre shape options
- Built-in high-lift drain pump
- Self-cleaning function
- Individual setting of louvre position
- Wireless remote control and optional wired remote controller and timer
- R22 & R407c replacement technology



4 Way Cassette Systems Digital Inverter

INDOOR UNIT	RAV-	SM564UTP-E	SM804UTP-E	SM1104UTP-E	SM1404UTP-E	SM1604UTP-E	
OUTDOOR UNIT	RAV-	SM564ATP-E	SM804ATP-E	SM1104ATP-E	SM1404ATP-E	SM1603AT-E	
Cooling Capacity	(kW)	5.0 (1.5 - 5.6)	6.7 (1.5 - 8.0)	10.0 (3.0 - 11.2)	12.0 (3.0 - 13.2)	14.0 (2.6 - 16.0)	
Heating Capacity	(kW)	5.3 (1.5 - 6.3)	7.7 (1.5 - 9.0)	11.2 (3.0 - 13.0)	12.8 (3.0 - 16.0)	16.0 (2.4 - 19.0)	
UK Total Cooling / Sensible Cooling Capacity	(kW)	5.00 / 3.60	6.40 / 4.80	9.50 / 7.60	11.40 / 8.80	13.30 / 9.40	
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	3.21 / 6.14 / 7.77	3.02 / 5.81 / 6.91	3.31 / 5.87 / 7.07	2.80 / 5.36 / 6.43	3.12 / 5.47 / 5.75	
	Seasonal Energy Consumption	(kWh/a)	285	404	597	783	-
	Power Consumption / Energy Efficiency Class	1.56 / A++	2.22 / A+	3.02 / A+	3.57 / A	4.49 / A	
Heating	COP / SCOP / ESCOP	3.90 / 4.51 / 6.30	3.62 / 4.05 / 5.63	3.82 / 4.28 / 5.41	3.76 / 4.19 / 5.23	3.61 / 4.47 / 4.66	
	Seasonal Energy Consumption	(kWh/a)	1459	2349	2616	2672	-
	Power Consumption / Energy Efficiency Class	1.36 / A+	2.13 / A+	2.93 / A+	3.40 / A+	4.43 / A	

INDOOR UNIT

Standard Air Flow H/M/L	(l/s)	292 / 242 / 217	342 / 267 / 225	558 / 400 / 325	583 / 400 / 342	592 / 417 / 350
Standard Air Flow H/M/L	(m3/h)	1050 / 870 / 780	1230 / 960 / 810	2010 / 1440 / 1170	2100 / 1440 / 1230	2130 / 1500 / 1260
Sound Pressure Level H/M/L	(dBA)	32 / 29 / 28	35 / 31 / 28	43 / 38 / 33	44 / 38 / 34	45 / 40 / 36
Sound Power Level H/M/L	(dBA)	47 / 44 / 43	50 / 46 / 43	58 / 53 / 48	59 / 53 / 49	60 / 55 / 51
Height / Width / Depth	(mm)	256 / 840 / 840			319 / 840 / 840	
Ceiling Panel Height / Width / Depth	(mm)	30 / 950 / 950			30 / 950 / 950	
Total Weight	(kg)	20			24	
Ceiling Panel Total Weight / Type	(kg)	4.2 / RBC-U31PGP(W)-E				
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)	25 / 32				
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)	7.31	10.40	14.60	20.74	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-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.