

- 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 Super Digital Inverter

INDOOR UNIT	RAV-	SM564UTP-E	SM804UTP-E	SM1104UTP-E	SM1104UTP-E	SM1404UTP-E	SM1404UTP-E	SM1604UTP-E	
OUTDOOR UNIT	RAV-	SP564ATP-E	SP804ATP-E	SP1104AT-E	SP1104AT8-E	SP1404AT-E	SP1404AT8-E	SP1604AT8-E	
Cooling Capacity	(kW)	5.3 (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)	
UK Total Cooling / Sensible Cooling Capacity	(kW)	5.00 / 3.50	6.70 / 4.50	9.50 / 7.60	9.70 / 7.40	11.90 / 9.50	12.10 / 8.40	13.50 / 9.00	
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	3.61 / 6.17 / 7.46	3.82 / 6.39 / 7.77	4.52 / 6.60 / 7.66	4.22 / 6.57 / 7.66	3.96 / 6.18 / 6.45	3.61 / 5.87 / 6.15	3.12 / 5.49 / 5.80	
	Seasonal Energy Consumption	(kWh/a)	301	389	530	532	-		
	Energy Efficiency Class		1.47 / A++	1.86 / A++	2.21 / A++	2.37 / A++	3.16 / A++	3.46 / A+	4.49 / A
Heating	COP / SCOP / ESCOP	4.63 / 4.58 / 6.03	4.19 / 4.19 / 5.22	4.79 / 4.28 / 5.30	4.63 / 4.28 / 5.30	4.47 / 4.61 / 4.75	4.79 / 4.86 / 5.07	3.72 / 4.73 / 4.96	
	Seasonal Energy Consumption	(kWh/a)	1649	2542	3795		-		
	Energy Efficiency Class		1.21 / A+	1.91 / A+	2.34 / A+	2.42 / A++	3.21 / A++	3.42 / A++	4.30 / 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	(m <sup>3</sup> /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							
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	833	1683		1717		
Standard Air Flow	(m <sup>3</sup> /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

<b>RBC-AMS41E</b>	Remote Controller Built In Timer	Full control including service functions with fully programmable 7 day timer
<b>RBC-AMS51E-ES</b>	Lite-Vision Plus Remote Controller	Includes timer and backlight display as well as power save functions, multilingual
<b>RBC-AS41E</b>	Simplified Controller	Ideal for hotel and base use applications (no service function available)
<b>RBC-SMF1</b>	Fan Interface	Interface to provide an output to enable an external fan from the unit
<b>RBC-SMTI</b>	CN02 Connector Timer Interface Lead	Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller
<b>TCB-TC21LE2</b>	Remote Sensor	Ideal for allowing automatic control but room sensing required for comfort

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