

- 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

CODE		50	71	100	125	140	
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	m ³ /h	1050/870/780	1230/960/810	2010/1440/1170	2100/1440/1230	2130/1500/1260
Sound Pressure Level H/M/L	dB(A)	32/29/28	35/31/28	43/38/33	44/38/34	45/40/36
Sound Power Level H/M/L	dB(A)	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	m ³ /h	2400	2700	4080	4200	6180
Sound Pressure Level Cooling/Heating	dB(A)	46/48	48/52	53/54	54/55	51/53
Sound Power Level Cooling/Heating	dB(A)	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	A	7.31	10.40	14.60	20.74	21.70
Power Supply		1 phase 230 V 50 Hz				
Suggested Fused Supply	A	16		20	32	

ACCESSORIES

RBC-AMS41E	Remote Controller Built-In Timer	Full control including service functions with fully programmable 7-day timer
RBC-AMS54E-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	CNO2 Connector Timer Interface Lead	Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller
TCB-TC41LE	Remote Sensor	Ideal for allowing automatic control but room sensing required for comfort

- 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

CODE		50	71	100	100	125	125	140
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)
Heating Capacity	kW	5.6 (0.9 - 8.1)	8.0 (1.3 - 11.3)	11.2 (2.4 - 13.0)	11.2 (2.4 - 15.6)	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	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	-	-
	Power Consumption/Energy Efficiency Class		1.47/A++	1.86/A++	2.21/A++	2.37/A++	3.16/A++	3.46/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		-	
	Power Consumption/Energy Efficiency Class		1.21/A+	1.91/A+	2.34/A+	2.42/A++	3.21/A++	3.42/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 ³ /h	1050/870/780	1230/960/810	2010/1440/1170		2100/1440/1230		2130/1500/1260
Sound Pressure Level H/M/L	dB(A)	32/29/28	35/31/28	43/38/33		44/38/34		45/40/36
Sound Power Level H/M/L	dB(A)	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 ³ /h	2400	3000	6060		6180		
Sound Pressure Level Cooling/Heating	dB(A)	47/48	48/49	49/50		51/52		51/53
Sound Power Level Cooling/Heating	dB(A)	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	A	6.55	9.02	10.43	3.72	15.76	5.42	6.66
Power Supply		1 phase 230 V 50 Hz			3 phase 400 V 50 Hz	1 phase 230 V 50 Hz	3 phase 400 V 50 Hz	
Suggested Fused Supply	A	16			10	25	16	

ACCESSORIES

RBC-AMS41E	Remote Controller Built-In Timer	Full control including service functions with fully programmable 7-day timer Includes timer and backlight display as well as power save functions, multilingual Ideal for hotel and base use applications (no service function available) Interface to provide an output to enable an external fan from the unit Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller Ideal for allowing automatic control but room sensing required for comfort
RBC-AMS54E-ES	Lite-Vision Plus Remote Controller	
RBC-AS41E	Simplified Controller	
RBC-SMF1	Fan Interface	
RBC-SMTI	CNO2 Connector Timer Interface Lead	
TCB-TC41LE	Remote Sensor	