

- Compact size
- New DC fan motor for high external static pressure
- PC board panel easily accessible from the side of the unit

- Double option for air intake
- High-lift drain pump reach up to 290 mm
- R22 & R407C replacement technology



Ducted Systems Digital Inverter

CODE		35	50	71	100	125	140	
INDOOR UNIT	RAV-	SM406BTP-E	SM566BTP-E	SM806BTP-E	SM1106BTP-E	SM1406BTP-E	SM1606BTP-E	
OUTDOOR UNIT	RAV-	SM404ATP-E	SM564ATP-E	SM804ATP-E	SM1104ATP-E	SM1404ATP-E	SM1603AT-E	
Cooling Capacity	kW	3.6 (0.9 - 4.0)	5.0 (1.5 - 5.6)	6.7 (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	4.0 (0.8 - 5.0)	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	3.40/3.00	4.80/3.60	6.30/4.90	9.50/7.70	11.50/8.90	13.30/9.30	
UK Heating Capacity	kW	2.61	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	3.38/5.10/6.88	2.73/4.80/6.00	2.82/5.04/5.94	3.18/5.03/6.13	2.74/5.53/5.88	2.73/4.78/5.03	
	Seasonal Energy Consumption	kWh/a	-	365	466	696	-	
	Power Consumption/Energy Efficiency Class		1.07/A	1.83/B	2.38/B	3.14/B	4.42/A	5.13/B
Heating	COP/SCOP/ESCOP	3.84/4.02/5.15	3.27/3.98/5.07	3.32/3.83/5.06	3.75/4.14/5.37	3.61/4.42/4.58	3.41/3.86/4.00	
	Seasonal Energy Consumption	kWh/a	-	1549	2450	2569	-	
	Power Consumption/Energy Efficiency Class		1.04/A+	1.62/A	2.32/A	2.99/A+	3.55/A+	4.69/A

INDOOR UNIT

Standard Air Flow H/M/L	l/s	222/175/133		333/258/200		583/458/350	
Standard Air Flow H/M/L	m³/h	798/630/480		1200/930/720		2100/1650/1260	
External Static Pressure Standard/(Upper - Lower)	Pa	30/(120 - 30)				50/(120 - 30)	
Sound Pressure Level H/M/L	dBA	33/29/25		34/30/26		40/36/33	
Sound Power Level H/M/L	dBA	48/44/40		49/45/41		55/51/48	
Height/Width/Depth	mm	275/700/750		275/1000/750		275/1400/750	
Total Weight	kg	23		30		40	
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	616	667	750	1133	1167	1717
Standard Air Flow	m³/h	2220	2400	2700	4080	4200	6180
Sound Pressure Level Cooling/Heating	dBA	49/50	46/48	48/52	53/54	54/55	51/53
Sound Power Level Cooling/Heating	dBA	64/65	63/65	65/69	70/71		68/70
Refrigerant Base Charge/Chargeless To	kg/m	1.4/15	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	2/20	5/30		5/50		
Height Difference Outdoor To Indoor	m	±10			±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	39	40	44	68		99
Maximum Run Current	A	5.13	7.54	11.15	15.04	21.37	21.70
Power Supply		1 phase 230 V 50 Hz					
Suggested Fused Supply	A	10	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)
TCB-AX32E2	External Receiver	Independent receiver and WH-L115E remote controller for all models
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-TC41LE	Remote Sensor	Ideal for allowing automatic control but room sensing required for comfort
TCB-SF56C6BPE	Discharge Spigots 2 x 200 mm	RAV-SM40#-56#BTP-E, MMD-AP007#-018#BHP-E
TCB-SF80C6BPE	Discharge Spigots 3 x 200 mm	RAV-SM80#BTP-E, MMD-AP024#-030#BHP-E
TCB-SF160C6BPE	Discharge Spigots 4 x 200 mm	RAV-SM110#-160#BTP-E, MMD-AP036#-056#BHP-E