

- Airflow 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 function



Ceiling Systems Digital Inverter

CODE			35	50	71	100	125	140	
INDOOR UNIT			RAV-	SM407CTP-E	SM567CTP-E	SM807CTP-E	SM1107CTP-E	SM1407CTP-E	SM1607CTP-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)	6.9 (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	3.45/2.89	4.80/3.60	6.60/5.00	9.50/7.20	11.50/8.40	13.30/9.30
UK Heating Capacity			kW	2.56	3.79	5.51	8.01	9.16	10.45
Operating Range Cooling/Heating			°C	46 to -15/24 to -15					43 to -15/15 to -15
Cooling	EER/SEER/ESEER			4.34/5.96/7.81	3.11/5.41/6.70	2.90/5.62/6.79	3.22/5.79/6.86	2.74/5.53/5.88	3.01/4.94/5.17
	Seasonal Energy Consumption		kWh/a	211	324	429	604	-	
	Power Consumption/Energy Efficiency Class			1.20/A+	1.61/A	2.38/A+	3.11/A+	4.42/A	4.65/B
Heating	COP/SCOP/ESCOP			5.13/4.98/5.96	3.90/4.21/5.34	3.62/4.01/5.15	3.81/4.27/5.52	3.73/4.55/4.72	3.47/4.36/4.56
	Seasonal Energy Consumption		kWh/a	1125	1562	2372	2489	-	
	Power Consumption/Energy Efficiency Class			0.78/A++	1.36/A+	2.13/A+	2.94/A+	3.43/A+	4.61/A+

INDOOR UNIT

Standard Air Flow H/M/L	l/s	250/200/150	392/278/208	517/375/283	567/425/333	567/458/350
Standard Air Flow H/M/L	m³/h	900/720/540	1410/1002/750	1860/1350/1020	2040/1530/1200	2040/1650/1260
Sound Pressure Level Back Inlet H/M/L	dBA	37/35/28	41/36/29	44/38/32	46/41/35	46/42/36
Sound Power Level Back Inlet 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	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	1.4/22	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	5.48	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)
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