

- 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 Super Digital Inverter

CODE		35	50	71	100	100
INDOOR UNIT	RAV-	SM407CTP-E	SM567CTP-E	SM807CTP-E	SM1107CTP-E	SM1107CTP-E
OUTDOOR UNIT	RAV-	SP404ATP-E	SP564ATP-E	SP804ATP-E	SP1104AT-E	SP1104AT8-E
Cooling Capacity	kW	3.6 (0.9 - 4.0)	5.0 (1.2 - 5.6)	7.1 (1.9 - 8.0)	10.0 (2.6 - 12.0)	
Heating Capacity	kW	4.0 (0.8 - 5.0)	5.6 (0.9 - 7.4)	8.0 (1.3 - 10.6)	11.2 (2.4 - 13.0)	11.2 (2.4 - 14.0)
UK Total Cooling/Sensible Cooling Capacity	kW	3.45/2.89	4.80/3.60	6.70/5.10	9.50/7.20	
UK Heating Capacity	kW	2.56	3.66	5.22	7.31	
Operating Range Cooling/Heating	°C	46 to -15/24 to -15	43 to -15/15 to -20			46 to -15/15 to -20
Cooling	EER/SEER/ESEER	4.34/5.96/7.81	3.65/5.45/6.49	3.82/6.21/7.72	4.08/6.18/7.45	4.22/6.35/7.65
	Seasonal Energy Consumption	kWh/a	211	321	400	551
	Power Consumption/Energy Efficiency Class		1.20/A+	1.37/A	1.86/A++	2.45/A++
Heating	COP/SCOP/ESCOP	5.13/4.98/5.96	4.38/4.28/5.68	4.17/4.10/5.00	4.69/4.27/5.06	4.43/4.41/5.27
	Seasonal Energy Consumption	kWh/a	1125	1765	2596	3801
	Power Consumption/Energy Efficiency Class		0.78/A++	1.28/A+	1.92/A+	2.39/A+

INDOOR UNIT

Standard Air Flow H/M/L	l/s	250/200/150	392/278/208	517/375/283
Standard Air Flow H/M/L	m³/h	900/720/540	1410/1002/750	1860/1350/1020
Sound Pressure Level H/M/L	dBA	37/35/28	41/36/29	44/38/32
Sound Power Level H/M/L	dBA	52/50/43	56/51/44	59/53/47
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

GET BOOK UNIT

Standard Air Flow	l/s	667		833	1683	
Standard Air Flow	m³/h	2400		3000	6060	
Sound Pressure Level Cooling/Heating	dBA	45/47	47/48	48/49	49/50	
Sound Power Level Cooling/Heating	dBA	62/64	63/64	64/65	66/67	
Refrigerant Base Charge/Chargeless To	kg/m	1.0/20	1.4/20	2.1/30	3.1/30	
Refrigerant Additional Charge Main Liquid Side	g/m	20			40	
Minimum/Maximum Piping Length	m	5/30	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	40	44	66	93	95
Maximum Run Current	A	4.98	6.55	9.02	10.43	3.72
Power Supply		1 phase 230 V 50 Hz				
Suggested Fused Supply	A	10	16			10

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

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Ceiling Systems Super Digital Inverter - continued

CODE		125	125	140
INDOOR UNIT	RAV-	SM1407CTP-E	SM1407CTP-E	SM1607CTP-E
OUTDOOR UNIT	RAV-	SP1404AT-E	SP1404AT8-E	SP1604AT8-E
Cooling Capacity	kW	12.5 (2.6 - 14.0)		14.0 (2.6 - 16.0)
Heating Capacity	kW	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	11.90/8.70		13.30/9.30
UK Heating Capacity	kW	9.14		10.45
Operating Range Cooling/Heating	°C	43 to -15/15 to -20	46 to -15/15 to -20	
EER/SEER/ESEER		3.21/5.14/5.37	3.36/5.49/5.76	3.11/5.49/5.79
Seasonal Energy Consumption	kWh/a	-		
Power Consumption/Energy Efficiency Class		3.90/A	3.72/A	4.50/A
COP/SCOP/ESCOP		3.87/4.09/4.23	3.93/4.65/4.85	3.71/4.73/4.96
Seasonal Energy Consumption	kWh/a	-		
Power Consumption/Energy Efficiency Class		3.62/A+	3.56/A++	4.31/A++

INDOOR UNIT

Standard Air Flow H/M/L	l/s	567/425/333	
Standard Air Flow H/M/L	m³/h	2040/1530/1200	
Sound Pressure Level H/M/L	dBA	46/41/35	46/42/36
Sound Power Level H/M/L	dBA	61/56/50	61/57/51
Height/Width/Depth	mm	235/1586/690	
Total Weight	kg	35	
Gas Side	mm - "	15.9 - 5/8	
Liquid Side	mm - "	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	1717	
Standard Air Flow	m³/h	6180	
Sound Pressure Level Cooling/Heating	dBA	51/53	
Sound Power Level Cooling/Heating	dBA	68/70	
Refrigerant Base Charge/Chargeless To	kg/m	3.1/30	
Refrigerant Additional Charge Main Liquid Side	g/m	40	
Minimum/Maximum Piping Length	m	3/75	
Height Difference Outdoor To Indoor	m	±30	
Pipe Connections Gas Side	mm - "	15.9 - 5/8	
Pipe Connections Liquid Side	mm - "	9.5 - 3/8	
Drain Port Connector Hose Inner Diameter	mm	16	
Height/Width/Depth	mm	1340/900/320	
Total Weight	kg	93	95
Maximum Run Current	A	15.76	6.66
Power Supply		1 phase 230 V 50 Hz	3 phase 400 V 50 Hz
Suggested Fused Supply	A	25	16

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RBC-AMS41E	Remote Controller Built-In Timer	Full control including service functions with fully programmable 7-day timer
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