

- 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 Super Digital Inverter

CODE		35	50	71	100	100	125	125	140	
INDOOR UNIT	RAV-	SM406BTP-E	SM566BTP-E	SM806BTP-E	SM1106BTP-E	SM1106BTP-E	SM1406BTP-E	SM1406BTP-E	SM1606BTP-E	
OUTDOOR UNIT	RAV-	SP404ATP-E	SP564ATP-E	SP804ATP-E	SP1104AT-E	SP1104AT8-E	SP1404AT-E	SP1404AT8-E	SP1604AT8-E	
Cooling Capacity	kW	3.6 (4.5 / 1.0)	5.0 (4.3 / 5.0)	7.1 (4.9 / 9.0)	10.0 (9.7 / 12.0)	10.0 (9.7 / 12.0)	13.5 (9.7 / 14.0)	13.5 (9.7 / 14.0)	16.0 (9.7 / 16.0)	
UK Total Cooling/Sensible Cooling Capacity	kW	3.40/3.00	4.80/3.60	6.70/5.10	9.70/7.20	9.70/7.20	12.10/9.00	12.10/9.00	13.50/10.10	
UK Heating Capacity	kW	2.61	3.66	5.22	7.31	7.31	9.14	9.14	10.45	
Operating Range Cooling/Heating	°C	43 to -15/15 to -15				46 to -15/15 to -20		43 to -15/15 to -20		46 to -15/15 to -20
Cooling	EER/SEER/ESEER	3.38/5.10/6.88	3.21/4.88/5.91	3.45/5.88/7.39	3.79/5.65/6.88	3.79/5.65/6.88	3.26/5.22/5.46	3.24/5.09/5.32	3.01/4.97/5.22	
	Seasonal Energy Consumption	kWh/a	247	359	423	619	-	-	-	
	Power Consumption/Energy Efficiency Class		1.07/A	1.56/B	2.06/A+	2.64/A+	3.83/A	3.86/B	4.65/B	
Heating	COP/SCOP/ES COP	3.84/4.02/5.15	3.61/4.01/5.33	3.62/4.00/4.77	4.04/3.87/4.66	4.04/3.87/4.66	3.81/4.03/4.16	3.81/4.48/4.67	3.48/4.35/4.56	
	Seasonal Energy Consumption	kWh/a	1533	1884	2448	3906	-	-	-	
	Power Consumption/Energy Efficiency Class		1.04/A+	1.55/A+	2.21/A	2.77/A	3.67/A+	3.67/A+	4.60/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	667	833	1683	1717						
Standard Air Flow	m³/h	2400	3000	6060	6180						
Sound Pressure Level Cooling/Heating	dBA	45/47	47/48	48/49	49/50	51/52	51/53				
Sound Power Level Cooling/Heating	dBA	62/64	63/64	64/65	66/67	68/69	68/70				
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	95				
Maximum Run Current	A	4.98	6.55	9.02	10.43	3.72	15.76	5.42	6.66		
Power Supply		1 ph 230 V 50 Hz				3 ph 400 V 50 Hz		1 ph 230 V 50 Hz		3 ph 400 V 50 Hz	
Suggested Fused Supply	A	10	16	10	25	16					

### 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