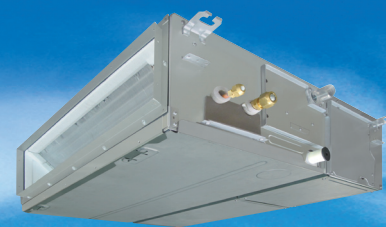


- Compact size
- New DC fan motor for high external static pressure
- PC board panel easily accessible from the side of the unit

- Double option for air intake
- High lift drain pump reach up to 290mm
- R22 & R407c replacement technology



Ducted Systems Super Digital Inverter

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 (1.5 - 4.0)	5.0 (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)	4.0 (1.5 - 5.0)	5.6 (0.9 - 7.4)	8.0 (1.3 - 10.6)	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)	3.40 / 3.00	4.80 / 3.60	6.70 / 5.10	9.70 / 7.20		12.10 / 9.00		13.50 / 10.10				
UK Heating Capacity	(kW)	2.61	3.66	5.22	7.31		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		3.26 / 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		-		-		
	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 / ESCOP	3.84 / 4.02 / 5.15	3.61 / 4.01 / 5.33	3.62 / 4.00 / 4.77	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		-		-		
	Energy Efficiency Class		1.04 / A+	1.55 / A+	2.21 / A		2.77 / 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		40 / 36 / 33	
Sound Power Level H/M/L	(dBA)	48 / 44 / 40		49 / 45 / 41		55 / 51 / 48		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		93		95			
Maximum Run Current	(Amps)	4.98		6.55		9.02		10.43		3.72		15.76		5.42		6.66	
Power Supply		1 phase 230v 50Hz				3 phase 400v 50Hz		1 phase 230v 50Hz		3 phase 400v 50Hz							
Suggested Fused Supply	(Amps)	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-AMS51E-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-TC21LE2	Remote Sensor	Ideal for allowing automatic control but room sensing required for comfort
TCB-SF56C6BPE	Discharge Spigots 2 x 200mm	RAV-SM40#-56#BTP-E, MMD-AP007#-018#BHP-E
TCB-SF80C6BPE	Discharge Spigots 3 x 200mm	RAV-SM80#BTP-E, MMD-AP024#-030#BHP-E
TCB-SF160C6BPE	Discharge Spigots 4 x 200mm	RAV-SM110#-160#BTP-E, MMD-AP036#-056#BHP-E

* RBC-AMT32E (£52) standard remote included in system price.