



## RAV Ducted Indoor Unit

CODE		36	50	71	100	
<b>Performance</b>						
<b>Indoor Unit</b>		RAV-	SM406BTP-E	SM566BTP-E1	SM806BTP-E1	SM1106BTP-E1
<b>Outdoor Unit</b>		RAV-	SP404ATP-E	SP564ATP-E	SP804ATP-E	SP1104AT-E1
Nominal	Cooling Capacity	kW	3.6	5.0	7.1	10.0
	Heating Capacity	kW	4.0	5.6	8.0	11.2
UK	EER/COP	W/W	3.38/3.84	3.21/3.61	3.45/3.62	3.79/4.04
	Cooling Total/Sensible	kW	3.40/3.00	4.80/3.60	6.70/5.10	9.70/7.20
Cooling EN14825	Heating	kW	2.61	3.66	5.22	7.31
	Range Min. - Max.	kW	1.5 - 4.0	1.2 - 5.6	1.9 - 8.0	2.6 - 12.0
	Power Input	kW	1.07	1.56	2.06	2.64
	Pdesign	kW	3.60	5.00	7.10	10.00
	SEER/Energy Efficiency Class		5.10/A	4.88/B	5.88/A+	5.65/A+
	Seasonal Energy Consumption	kWh/a	247	359	423	619
Heating EN14825	Range Min. - Max.	kW	1.5 - 5.0	0.9 - 7.4	1.3 - 10.6	2.4 - 13.0
	Power Input	kW	1.04	1.55	2.21	2.77
	Pdesign	kW	4.40	5.40	7.60	10.80
	SCOP/Energy Efficiency Class		4.02/A+	4.01/A+	4.00/A	3.87/A
	Seasonal Energy Consumption	kWh/a	1533	1884	2448	3906

<b>Indoor Data</b>		RAV-	SM406BTP-E	SM566BTP-E1	SM806BTP-E1	SM1106BTP-E
Air Flow	High - Medium - Low	l/s	222 - 175 - 133	222 - 175 - 133	333 - 258 - 200	583 - 458 - 350
	High - Medium - Low	m <sup>3</sup> /h	798 - 630 - 480	798 - 630 - 480	1200 - 930 - 720	2100 - 1650 - 1260
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)	30 (120 - 30)	30 (120 - 30)	50 (120 - 30)
Sound	Pressure High - Medium - Low	dB(A)	33 - 29 - 25	33 - 29 - 25	34 - 30 - 26	40 - 36 - 33
	Power High - Medium - Low	dB(A)	48 - 44 - 40	48 - 44 - 40	49 - 45 - 41	55 - 51 - 48
Unit	Height x Width x Depth	mm	275 x 700 x 750	275 x 700 x 750	275 x 1000 x 750	275 x 1400 x 750
	Weight	kg	23	23	30	40
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25	VP32/25	VP32/25
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850	< 850	< 850
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E

<b>Outdoor Data</b>		RAV-	SP404ATP-E	SP564ATP-E	SP804ATP-E	SP1104AT-E1
Operating Range	Cooling/Heating	°C	43 to -15/15 to -15	43 to -15/15 to -15	43 to -15/15 to -15	43 to -15/15 to -15
Air Flow	High	m <sup>3</sup> /h - l/s	2400 - 667	2400 - 667	3000 - 833	6060 - 1683
Sound	Pressure High Cooling/Heating	dB(A)	45/47	47/48	48/49	49/50
	Power High Cooling/Heating	dB(A)	62/64	63/64	64/65	66/67
Unit	Height x Width x Depth	mm	550 x 780 x 290	550 x 780 x 290	890 x 900 x 320	1340 x 900 x 320
	Weight	kg	40	44	66	93
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	5-30	5-50	5-50	3-75
	Maximum Height Difference	m	±30	±30	±30	±30
	Drain Port Connection	mm	16	16	16	16
Refrigerant R410A	Base Charge/Chargeless Length	kg/m	1.0/20	1.4/20	2.1/30	3.1/30
	Additional Charge Liquid Side	g/m	20	20	40	40
Run Current	Maximum	A	4.98	6.55	9.02	10.43
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-10	220-240/1/50-16	220-240/1/50-16	220-240/1/50-16

<b>INDOOR RETAIL PRICE</b>	<b>£544</b>	<b>£606</b>	<b>£868</b>	<b>£993</b>
<b>OUTDOOR RETAIL PRICE</b>	<b>£1,028</b>	<b>£1,130</b>	<b>£1,677</b>	<b>£2,055</b>
<b>REMOTE CONTROLLER RBC-AMT32E</b>	<b>£52</b>	<b>£52</b>	<b>£52</b>	<b>£52</b>
<b>SYSTEM RETAIL PRICE</b>	<b>£1,624</b>	<b>£1,788</b>	<b>£2,597</b>	<b>£3,100</b>

### Accessories

RBC-AMS41E	Remote Controller Built-In Timer	Full control including service functions with fully-programmable 7-day timer	£68
RBC-AMS54E-ES	Lite-Vision Plus Remote Controller	Includes timer and backlight display as well as power-save functions, multilingual	£108
RBC-AS41E	Simplified Controller	Ideal for hotel and basic use applications (no service function available)	£72
TCB-AX32E2	External Receiver	Independent receiver and WH-L11SE remote controller for all models	£225
RBC-SMF1	Fan Interface	Interface to provide an output to enable an external fan from the unit	£54
RBC-SMT1	CN02 Connector Timer Interface Lead	Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller	£9
TCB-TC41LE	Remote Sensor	Room temperature sensing in conditioned space	£67
TCB-SF56C6BPE	Discharge Spigot 2 x 200 mm	RAV-SM40#_56#BTP-E1	£96
TCB-SF80C6BPE	Discharge Spigot 3 x 200 mm	RAV-SM80#BTP-E1	£112
TCB-SF160C6BPE	Discharge Spigot 4 x 200 mm	RAV-SM110#_160#BTP-E	£143

Concealed false ceiling installation

Auto-diagnosis

Low ambient cooling to -15°C DB

Self-cleaning

Single-split

Chargeless

Automatic restart

Built-in drain pump

Wired controller