



RAV Slim Ducted Indoor Unit

CODE			25	36	50
Performance					
Indoor Unit		RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-E
Outdoor Unit		RAV-	SM304ATP-E	SM404ATP-E	SM564ATP-E
Nominal	Cooling Capacity	kW	2.5	3.6	5.0
	Heating Capacity	kW	3.4	4.0	5.3
	EER/COP	W/W	4.46/3.95	3.87/4.12	2.62/3.53
UK	Cooling Total/Sensible	kW	2.40/1.97	3.45/2.84	4.80/3.30
	Heating	kW	2.18	2.56	3.79
Cooling EN14825	Range Min. - Max.	kW	0.9 - 3.0	0.9 - 4.0	1.5 - 5.6
	Power Input	kW	0.56	0.93	1.91
	Pdesign	kW	2.50	3.60	5.00
	SEER/Energy Efficiency Class		6.10/A++	5.55/A	5.06/B
	Seasonal Energy Consumption	kWh/a	143	227	346
Heating EN14825	Range Min. - Max.	kW	0.8 - 4.5	0.8 - 5.0	1.5 - 6.3
	Power Input	kW	0.86	0.97	1.50
	Pdesign	kW	2.90	3.70	4.40
	SCOP/Energy Efficiency Class		4.48/A+	3.88/A	4.06/A+
	Seasonal Energy Consumption	kWh/a	907	1337	1517


Indoor Data		RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-E
Air Flow	High - Medium - Low	l/s	183 - 155 - 133	191 - 166 - 145	217 - 188 - 162
	High - Medium - Low	m³/h	660 - 560 - 480	690 - 600 - 522	780 - 678 - 582
External Static Pressure	Standard (Upper - Lower)	Pa	10 (50 - 10)	10 (50 - 10)	10 (50 - 10)
Sound Pressure	High - Medium - Low	dB(A)	30 - 28 - 26	30 - 28 - 26	33 - 31 - 28
	High - Medium - Low (Under inlet)	dB(A)	39 - 36 - 33	39 - 36 - 33	45 - 40 - 36
Sound Power	High - Medium - Low	dB(A)	45 - 43 - 41	45 - 43 - 41	48 - 46 - 43
	High - Medium - Low (Under inlet)	dB(A)	54 - 51 - 48	54 - 51 - 48	60 - 55 - 51
Unit	Height x Width x Depth	mm	210 x 845 x 645	210 x 845 x 645	210 x 845 x 645
	Weight	kg	22	22	22
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP20	VP25 - VP20	VP25 - VP20
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850	< 850
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E


Outdoor Data		RAV-	SM304ATP-E	SM404ATP-E	SM564ATP-E
Operating Range	Cooling/Heating	°C	46 to -15/24 to -15	46 to -15/24 to -15	46 to -15/15 to -15
Air Flow	High	m³/h - l/s	1800 - 500	2220 - 616	2400 - 667
Sound	Pressure High Cooling/Heating	dB(A)	46/47	49/50	46/48
	Power High Cooling/Heating	dB(A)	61/62	64/65	63/65
Unit	Height x Width x Depth	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
	Weight	kg	33	39	40
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4
	Min.-Max. Length	m	2-20	2-20	5-30
	Maximum Height Difference	m	±10	±10	±30
	Drain Port Connection	mm	16	16	16
Refrigerant R410A	Base Charge/Chargeless Length	kg/m	0.8/15	1.4/15	1.1/20
	Additional Charge Liquid Side	g/m	20	20	20
Run Current	Maximum	A	3.91	4.41	8.95
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-10	220-240/1/50-10	220-240/1/50-16


INDOOR RETAIL PRICE	£481	£522	£534
OUTDOOR RETAIL PRICE	£606	£725	£865
REMOTE CONTROLLER RBC-AMT32E	£52	£52	£52
SYSTEM RETAIL PRICE	£1,139	£1,299	£1,451

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


 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