

- Two choices of selection for the air inlet flow
- Natural drain discharge port and drain pump (up to 850 mm)
- Cleanable pre-filter included
- Four steps static pressure set-up
- Easy to combine with different types of air diffusers
- R22 & R407C replacement technology



Slim Ducted Systems Digital Inverter

CODE		25	35	50
INDOOR UNIT	RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-E
OUTDOOR UNIT	RAV-	SM304ATP-E	SM404ATP-E	SM564ATP-E
Cooling Capacity	kW	2.5 (0.9 - 3.0)	3.6 (0.9 - 4.0)	5.0 (1.5 - 5.6)
Heating Capacity	kW	3.4 (0.8 - 4.5)	4.0 (0.8 - 5.0)	5.3 (1.5 - 6.3)
UK Total Cooling/Sensible Cooling Capacity	kW	2.40/1.97	3.45/2.84	4.80/3.30
UK Heating Capacity	kW	2.18	2.56	3.79
Operating Range Cooling/Heating	°C	46 to -15/24 to -15		46 to -15/15 to -15
Cooling	EER/SEER/ESEER	4.46/6.10/9.45		2.62/5.06/6.15
	Seasonal Energy Consumption	kWh/a	143	227
	Power Consumption/Energy Efficiency Class		0.56/A++	0.93/A
Heating	COP/SCOP/ESCOP	3.95/4.48/5.46		3.53/4.06/5.21
	Seasonal Energy Consumption	kWh/a	907	1337
	Power Consumption/Energy Efficiency Class		0.86/A+	0.97/A

INDOOR UNIT

Standard Air Flow H/M/L	l/s	183/155/133	191/166/145	217/188/162
Standard Air Flow H/M/L	m³/h	660/560/480	690/600/522	780/678/582
External Static Pressure Standard/(Upper - Lower)	Pa	10/(50 - 10)		
Sound Pressure Level H/M/L	dBA	30/28/26		33/31/28
Sound Pressure Level Under Inlet H/M/L	dBA	39/36/33		45/40/36
Sound Power Level H/M/L	dBA	45/43/41		48/46/43
Sound Power Level Under Inlet H/M/L	dBA	54/51/48		60/55/51
Height/Width/Depth	mm	210/845/645		
Total Weight	kg	22		
Gas Side	mm - "	9.5 - 3/8	12.7 - 1/2	
Liquid Side	mm - "	6.4 - 1/4		
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	500	616	667
Standard Air Flow	m³/h	1800	2220	2400
Sound Pressure Level Cooling/Heating	dBA	46/47	49/50	46/48
Sound Power Level Cooling/Heating	dBA	61/62	64/65	63/65
Refrigerant Base Charge/Chargeless To	kg/m	0.8/15	1.4/15	1.1/20
Refrigerant Additional Charge Main Liquid Side	g/m	20		
Minimum/Maximum Piping Length	m	2/20		5/30
Height Difference Outdoor To Indoor	m	±10		±30
Pipe Connections Gas Side	mm - "	9.5 - 3/8	12.7 - 1/2	
Pipe Connections Liquid Side	mm - "	6.4 - 1/4		
Drain Port Connector Hose Inner Diameter	mm	16		
Height/Width/Depth	mm	550/780/290		
Total Weight	kg	33	39	40
Maximum Run Current	A	3.91	4.41	8.95
Power Supply		1 phase 230 V 50 Hz		
Suggested Fused Supply	A	10		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

- Two choices of selection for the air inlet flow
- Natural drain discharge port and drain pump (up to 850 mm)
- Cleanable pre-filter included
- Four steps static pressure set-up
- Easy to combine with different types of air diffusers
- R22 & R407C replacement technology



Slim Ducted Systems Super Digital Inverter

CODE		35	50	
INDOOR UNIT	RAV-	SM404SDT-E	SM564SDT-E	
OUTDOOR UNIT	RAV-	SP404ATP-E	SP564ATP-E	
Cooling Capacity	kW	3.6 (1.5 - 4.0)	5.3 (1.2 - 5.6)	
Heating Capacity	kW	4.0 (1.5 - 5.0)	5.6 (0.9 - 8.1)	
UK Total Cooling/Sensible Cooling Capacity	kW	3.40/2.60	4.80/3.50	
UK Heating Capacity	kW	2.61	3.66	
Operating Range Cooling/Heating	°C	43 to -15/15 to -15		
Cooling	EER/SEER/ESEER	3.50/5.11/6.68		
	Seasonal Energy Consumption	kWh/a	246	343
	Power Consumption/Energy Efficiency Class	1.03/A		
Heating	COP/SCOP/ESCOP	4.00/3.90/4.99		
	Seasonal Energy Consumption	kWh/a	1364	1975
	Power Consumption/Energy Efficiency Class	1.00/A		

INDOOR UNIT

Standard Air Flow H/M/L	l/s	192/167/145	217/188/162
Standard Air Flow H/M/L	m ³ /h	690/600/522	780/678/582
External Static Pressure Standard/(Upper - Lower)	Pa	10/(50 - 10)	
Sound Pressure Level H/M/L	dBA	30/28/26	33/31/28
Sound Pressure Level Under Inlet H/M/L	dBA	39/36/33	45/40/36
Sound Power Level H/M/L	dBA	45/43/41	48/46/43
Sound Power Level Under Inlet H/M/L	dBA	54/51/48	60/55/51
Height/Width/Depth	mm	210/845/645	
Total Weight	kg	22	
Gas Side	mm - "	12.7 - 1/2	
Liquid Side	mm - "	6.4 - 1/4	
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	
Standard Air Flow	m ³ /h	2400	
Sound Pressure Level Cooling/Heating	dBA	45/47	47/48
Sound Power Level Cooling/Heating	dBA	62/64	63/64
Refrigerant Base Charge/Chargeless To	kg/m	1.0/20	1.4/20
Refrigerant Additional Charge Main Liquid Side	g/m	20	
Minimum/Maximum Piping Length	m	5/30	5/50
Height Difference Outdoor To Indoor	m	±30	
Pipe Connections Gas Side	mm - "	12.7 - 1/2	
Pipe Connections Liquid Side	mm - "	6.4 - 1/4	
Drain Port Connector Hose Inner Diameter	mm	16	
Height/Width/Depth	mm	550/780/290	
Total Weight	kg	40	44
Maximum Run Current	A	4.98	6.55
Power Supply		1 phase 230 V 50 Hz	
Suggested Fused Supply	A	10	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