

- Drain hose can be connected to both sides of the unit
- Self cleaning feature
- Wireless remote control with pre-set functions accessible with dedicated buttons
- Auto louvre mode allows optimum air distribution
- R22 & R407c replacement technology



## Wall Mounted Systems Digital Inverter

INDOOR UNIT	RAV-	SM307KRTP-E	SM407KRTP-E	SM566KRT-E	SM806KRT-E
OUTDOOR UNIT	RAV-	SM304ATP-E	SM404ATP-E	SM564ATP-E	SM804ATP-E
Cooling Capacity	(kW)	2.5 (0.9 - 3.0)	3.6 (0.9 - 4.0)	5.0 (1.5 - 5.6)	6.7 (1.5 - 7.4)
Heating Capacity	(kW)	3.4 (0.8 - 4.5)	4.0 (0.8 - 5.0)	5.3 (1.5 - 6.3)	7.7 (1.5 - 9.0)
UK Total Cooling / Sensible Cooling Capacity	(kW)	2.40 / 1.90	3.45 / 2.70	4.80 / 3.40	6.40 / 4.50
UK Heating Capacity	(kW)	2.18	2.56	3.79	5.51
Operating Range Cooling / Heating	(°C)	46 to -15 / 15 to -15			
Cooling	EER / SEER / ESEER	4.10 / 5.90 / 9.00	3.19 / 5.40 / 7.11	3.01 / 5.77 / 7.02	2.75 / 5.62 / 6.71
	Seasonal Energy Consumption (kWh/a)	148	233	304	417
	Power Consumption / Energy Efficiency Class	0.61 / A+	1.13 / A	1.66 / A+	2.44 / A+
Heating	COP / SCOP / ESCOP	4.00 / 4.00 / 5.25	3.57 / 4.12 / 5.26	3.42 / 4.00 / 4.78	2.95 / 4.01 / 5.07
	Seasonal Energy Consumption (kWh/a)	1049	1223	1539	2198
	Power Consumption / Energy Efficiency Class	0.85 / A+	1.12 / A+	1.55 / A	2.61 / A+

### INDOOR UNIT

Standard Air Flow H/M/L	(l/s)	158 / 128 / 83	191 / 145 / 83	233 / 208 / 183	283 / 208 / 183
Standard Air Flow H/M/L	(m <sup>3</sup> /h)	570 / 462 / 300	690 / 522 / 300	840 / 750 / 660	1020 / 750 / 660
Sound Pressure Level H/M/L	(dBA)	41 / 37 / 29	45 / 40 / 30	42 / 39 / 36	47 / 41 / 36
Sound Power Level H/M/L	(dBA)	56 / 52 / 44	60 / 55 / 45	57 / 54 / 51	62 / 56 / 51
Height / Width / Depth	(mm)	275 / 790 / 217		320 / 1050 / 228	
Total Weight	(kg)	10		12	
Gas Side	(mm / ")	9.52 - 3/8	12.7 - 1/2	15.9 - 5/8	
Liquid Side	(mm / ")	6.4 - 1/4	6.4 - 1/4	9.5 - 3/8	
Drain Port (inner/outer)	(mm)	14 / 16			
Power Cable From Outdoor To Indoor		3 core + earth			
Remote Controller (Standard Supplied)		WH-L11SE - (Infra-Red)			

### OUTDOOR UNIT

Standard Air Flow	(l/s)	500	616	667	750
Standard Air Flow	(m <sup>3</sup> /h)	1800	2220	2400	2700
Sound Pressure Level Cooling / Heating	(dBA)	46 / 47	49 / 50	46 / 48	48 / 52
Sound Power Level Cooling / Heating	(dBA)	61 / 62	64 / 65	63 / 65	65 / 69
Refrigerant Base Charge / Chargeless To	(kg / m)	0.8 / 15	1.4 / 15	1.1 / 20	1.7 / 20
Refrigerant Additional Charge Main Liquid Side	(g/m)	20		40	
Minimum / maximum piping length	(m)	2 / 20		5 / 30	
Height Difference Outdoor To Indoor	(m)	10		±30	
Pipe Connections Gas Side	(mm / ")	9.52 - 3/8	12.7 - 1/2	15.9 - 5/8	
Pipe Connections Liquid Side	(mm / ")	6.4 - 1/4	6.4 - 1/4	9.5 - 3/8	
Drain Port Connector Hose Inner Diameter	(mm)	16			
Height / Width / Depth	(mm)	16	550 / 780 / 290		
Total Weight	(kg)	33	39	40	44
Maximum Run Current	(Amps)	3.86	5.14	7.78	12.23
Power Supply		1 phase 230v 50Hz			
Suggested Fused Supply	(Amps)	10		16	

### ACCESSORIES

RBC-AMT32E	Remote Controller	Full control including service functions
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)
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