

Digital Inverter Heat Pump Systems, Ceiling Units

- Elegant design with clean lines
- Easy installation and maintenance
- High-performance operation, using digital inverter control system
- Ideal for offices, classrooms and restaurants
- Automatic louvre control for cooling and heating modes plus auto-swing
- Ultra-quiet operation
- Mould-proof, fully recyclable drain pan
- Twin-split also available
- **Ideal for R22 replacement**



Outdoor unit RAV Indoor unit (ceiling) RAV Remote control		SM563AT-E SM562CT-E RBC-AMT32E	SM803AT-E SM802CT-E RBC-AMT32E	SM1103AT-E SM1102CT-E RBC-AMT32E	SM1403AT-E SM1402CT-E RBC-AMT32E
Cooling capacity range	kW	5.0 (1.5-5.6)	7.0 (1.5-8.0)	10.0 (3.0-11.2)	12.3 (3.0-13.2)
Heating capacity range	kW	5.6 (1.5-6.3)	8.0 (1.5-9.0)	11.2 (3.0-12.5)	14.0 (3.0-16.0)
Power input, cooling/heating	kW	1.82/1.64	2.53/2.47	3.51/3.20	4.52/4.14
EER, cooling/COP, heating	W/W	2.75/3.41	2.77/3.24	2.85/3.50	2.72/3.38
Annual power consumption, cooling	kWh	910	1265	1755	2260
Energy label, cooling/heating	D/B		D/C	C/B	D/C
UK conditions - cooling capacity	kW	5.44	7.76	11.65	13.59
UK conditions - sensible cooling capacity	kW	4.22	5.85	7.73	8.75
UK conditions - heating capacity	kW	5.21	7.08	9.68	12.29

Indoor unit (ceiling) RAV		SM562CT-E	SM802CT-E	SM1102CT-E	SM1402CT-E
Air flow (low/medium/high)	l/s	167/186/217	243/278/308	353/400/458	385/433/500
Air flow (low/medium/high)	m ³ /h	601/670/781	875/1001/1109	1271/1440/1649	1386/1559/1800
Sound pressure level (low/medium/high)*	dB(A)	30/33/36	33/36/38	35/38/41	37/40/43
Sound power level (low/medium/high)	dB(A)	45/48/51	48/51/53	50/53/56	52/55/58
Dimensions, height x width x depth	mm	210 x 910 x 680	210 x 1180 x 680	210 x 1595 x 680	210 x 1595 x 680
Weight	kg	21	25	33	33

Outdoor unit RAV		SM563AT-E	SM803AT-E	SM1103AT-E	SM1403AT-E
Air flow	l/s (m ³ /h)	667 (2400)	750 (2700)	1250 (4500)	1250 (4500)
Sound pressure level, cooling/heating*	dB(A)	46/48	48/50	53/54	53/54
Sound power level, cooling/heating	dB(A)	63/65	65/67	70/71	70/71
Dimensions, height x width x depth	mm	550 x 780 x 290	550 x 780 x 290	795 x 900 x 320	795 x 900 x 320
Weight	kg	38	42	77	77
Operating range, cooling	°C	-15 to 43	-15 to 43	-15 to 43	-15 to 43
Operating range, heating	°C	-15 to 15	-15 to 15	-15 to 15	-15 to 15
Pipe connections, gas - liquid	in	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Pipe length, maximum/minimum	m	30/5	30/5	50/5	50/5
Pipe length, pre-charged	m	20	20	30	30
Additional R410A charge	g/m	20	40	40	40
Maximum height difference, above/below	m	30/30	30/30	30/30	30/30
Max. operating current, cooling	A	7.9	10.3	15.0	17.6
Suggested fuse size	A	10	16	20	20
Power supply	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50
Supply to		Outdoor unit	Outdoor unit	Outdoor unit	Outdoor unit
Interconnecting cables		3 + E	3 + E	3 + E	3 + E