

## Super Digital Inverter Heat Pump Systems, Ceiling Units

Digital Inverter features, plus:

- Increased energy efficiency/cost savings
- Slimline design and automatic louvre control
- Enhanced compressor and fan motor design
- Extended pipe runs/greater installation flexibility
- More steps for precise inverter control
- Operating range down to -15°C (cooling)
- EER values up to 4.17 in cooling mode
- All units have energy efficiency label A
- High-performance heating, even at -15°C
- Increased heat exchanger efficiency
- Low sound levels, to 30 dB(A)
- **Ideal for R22 replacement**



Outdoor unit RAV		SP564AT-E	SP804AT-E	SP1104AT-E	SP1404AT-E
Indoor unit (ceiling) RAV		SM562CT-E	SM802CT-E	SM1102CT-E	SM1402CT-E
Remote control		RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
Cooling capacity range	kW	5.0 (1.2-5.6)	7.0 (1.9-8.0)	10.0 (2.6-12.0)	12.5 (2.6-14.0)
Heating capacity range	kW	5.6 (0.9-7.4)	8.0 (1.3-10.6)	11.2 (2.4-13.0)	14.0 (2.4-16.5)
Power input, cooling/heating	kW	1.56/1.47	2.21/2.16	2.67/2.62	3.73/3.65
EER, cooling/COP, heating	W/W	3.06/3.79	3.05/3.66	3.75/4.27	3.35/3.84
Annual power consumption, cooling	kWh	780	1105	1335	1865
Energy label, cooling/heating	B/A		B/A	A/A	A/A
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)	m³/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		SP564AT-E	SP804AT-E	SP1104AT-E	SP1404AT-E
Air flow	l/s (m³/h)	667 (2400)	833 (3000)	1683 (6060)	1716 (6180)
Sound pressure level, cooling/heating*	dB(A)	47/48	48/49	49/50	51/52
Sound power level, cooling/heating	dB(A)	64/65	65/66	66/67	68/69
Dimensions, height x width x depth	mm	550 x 780 x 290	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight	kg	44	63	93	93
Operating range, cooling	°C	-15 to 43	-15 to 43	-15 to 43	-15 to 43
Operating range, heating	°C	-20 to 15	-20 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	50/5	50/5	75/5	75/5
Pipe length, pre-charged	m	20	30	30	30
Additional R410A charge	m	20	40	40	40
Maximum height difference	m	30	30	30	30
Max. operating current, cooling	A	7.24	10.36	11.24	16.21
Suggested fuse size	A	10	10	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