

## Super Digital Inverter Heat Pump Systems, Ducted Units

Digital Inverter features, plus:

- Increased energy efficiency/cost savings
- New fan motor and enhanced compressor design
- Extended pipe runs/greater installation flexibility
- More steps for precise inverter control
- Operating range down to -15°C (cooling)
- High-performance heating, even at -15°C
- Increased heat exchanger efficiency
- All rated A for energy efficiency
- Discharge spigots as standard
- High static pressure up to 98 Pa
- **Ideal for R22 replacement**



Outdoor unit RAV Indoor unit (ducted) RAV Remote control		SP564AT-E SM562BT-E RBC-AMT32E	SP804AT-E SM802BT-E RBC-AMT32E	SP1104AT-E SM1102BT-E RBC-AMT32E	SP1404AT-E SM1402BT-E RBC-AMT32E
Cooling capacity range	kW	5.0 (1.2-5.6)	7.1 (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	1.39/1.55	2.21/2.21	2.94/2.77	3.83/3.41
EER, cooling/COP heating	W/W	3.03/3.51	2.98/3.57	3.40/4.04	3.26/4.11
Annual power consumption, cooling	kWh	780	1105	1470	1915
Energy label, cooling/heating	B/B		C/B	A/A	A/A
UK conditions - cooling capacity	kW	5.44	7.76	11.65	13.59
UK conditions - sensible cooling capacity	kW	4.20	5.85	8.19	9.26
UK conditions - heating capacity	kW	5.21	7.08	9.68	12.29

Indoor unit (ducted) RAV		SM562BT-E	SM802BT-E	SM1102BT-E	SM1402BT-E
Air flow (low/medium/high)	l/s	161/198/217	222/270/317	315/383/450	385/467/550
Air flow (low/medium/high)	m³/h	581/713/781	799/972/1141	1134/1379/1620	1386/1681/1980
Sound pressure level (low/medium/high)**	dB(A)	33/37/40	34/37/40	36/39/42	38/41/44
Sound power level (low/medium/high)	dB(A)	48/52/55	49/52/55	51/54/57	53/56/59
Dimensions, height x width x depth	mm	320 x 700 x 800*	320 x 1000 x 800*	320 x 1350 x 800*	320 x 1350 x 800*
Weight	kg	30	39	54	54
Discharge spigots	mm	2 x 200	3 x 200	4 x 200	4 x 200

\* The height of the flange is 75 mm

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	g/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