

Super Digital Inverter Heat Pump Systems, 4-Way Cassettes

Digital Inverter features, plus:

- Increased energy efficiency/cost savings
- New fan motor and enhanced compressor design
- Extended pipe runs/greater flexibility
- More steps for precise inverter control
- Improved sound levels and operating range down to -15°C (cooling)
- EER values up to 4.17 in cooling mode
- All of the units have energy label A
- High-performance heating, even at -15°C
- Increased heat exchanger efficiency
- High-ceiling temperature sensor
- Turbo fan improves air throw whilst the heat exchanger improves heat transfer
- **Ideal for R22 replacement**



Outdoor unit RAV		SP564AT-E	SP804AT-E	SP1104AT-E	SP1404AT-E
Indoor unit (cassette) RAV		SM564UT-E	SM804UT-E	SM1104UT-E	SM1404UT-E
Panel		RBC-U31PG(W)-E	RBC-U31PG(W)-E	RBC-U31PG(W)-E	RBC-U31PG(W)-E
Remote control		RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
Cooling capacity range	kW	5.3 (1.2-5.6)	7.1 (1.9-8.0)	10.0 (2.6-12.0)	12.3 (2.6-14.0)
Heating capacity range	kW	5.6 (0.9-8.1)	8.0 (1.3-11.3)	11.2 (2.4-13.0)	14.0 (2.4-16.5)
Power input, cooling/heating	kW	1.49/1.91	1.86/1.91	2.21/2.34	3.16/3.21
EER, cooling/COP heating	W/W	3.61/4.63	3.82/4.19	4.52/4.79	3.96/4.36
Annual power consumption, cooling	kWh	735	930	1105	1580
Energy label, cooling/heating	A/A	A/A	A/A	A/A	A/A
UK conditions - cooling capacity	kW	5.44	7.46	10.87	12.61
UK conditions - sensible cooling capacity	kW	4.26	5.25	6.67	8.15
UK conditions - heating capacity	kW	4.69	6.72	9.68	11.92

Indoor unit (cassette) RAV		SM564UT-E	SM804UT-E	SM1104UT-E	SM1404UT-E
Air flow (high/medium/low)	l/s	292/242/217	342/267/225	558/400/325	583/400/342
Air flow (high/medium/low)	m³/h	1050/870/780	1230/960/810	2010/1440/1170	2100/1440/1230
Sound pressure level (high/medium/low)*	dB(A)	32/29/27	37/31/28	39/36/33	47/38/34
Sound power level (high/medium/low)	dB(A)	47/44/42	52/46/43	54/51/46	62/53/49
Dimensions, height x width x depth	mm	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840
Weight	kg	21	22	26	26
Panel dimensions, height x width x depth	mm	35 x 950 x 950	35 x 950 x 950	35 x 950 x 950	35 x 950 x 950
Panel weight	kg	4.5	4.5	4.5	4.5

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	6.82	8.72	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