

Digital Inverter Heat Pump Systems, 4-Way Cassettes

- High EER, low annual power consumption
- High-ceiling temperature sensor control
- Built-in lift pump incorporated
- Infra-red control option
- Turbo fan for improved air throw
- Pentagonal heat exchanger for improved heat transfer
- Louvre and grille are easily detachable and washable
- Corner pockets permit easy installation and maintenance
- Twin-split also available
- **Ideal for R22 replacement**



Outdoor unit RAV Indoor unit (cassette) RAV Panel RBC- Remote control		SM563AT-E SM564UT-E U31PG(W)-E RBC-AMT32E	SM803AT-E SM804UT-E U31PG(W)-E RBC-AMT32E	SM1103AT-E SM1104UT-E U31PG(W)-E RBC-AMT32E	SM1403AT-E SM1404UT-E U31PG(W)-E RBC-AMT32E	SM1603AT-E SM1604UT-E U31PG(W)-E RBC-AMT32E
Cooling capacity range	kW	5.3 (1.5-5.6)	6.7 (1.5-7.4)	10.0 (3.0-11.2)	12.1 (3.0-13.2)	14.0 (3.0-16.0)
Heating capacity range	kW	5.6 (1.5-6.3)	8.0 (1.5-9.0)	11.2 (3.0-13.0)	14.0 (3.0-16.0)	16.0 (3.0-18.0)
Power input, cooling/heating	kW	1.65/1.44	2.09/2.21	3.11/3.10	3.77/3.88	4.49/4.43
EER, cooling/COP heating	W/W	3.21/3.89	3.21/3.62	3.22/3.61	3.21/3.61	3.12/3.61
Annual power consumption, cooling	kWh	825	1045	1555	1885	2245
Energy label, cooling/heating	A/A	A/A	A/A	A/A	A/A	B/A
UK conditions - cooling capacity	kW	5.44	7.46	10.87	12.61	15.53
UK conditions - sensible cooling capacity	kW	4.26	5.25	6.67	8.15	11.10
UK conditions - heating capacity	kW	4.69	6.72	9.68	11.92	13.64

Indoor unit (cassette) RAV		SM564UT-E	SM804UT-E	SM1104UT-E	SM1404UT-E	SM1604UT-E
Air flow (high/medium/low)	l/s	292/242/217	342/267/225	558/400/325	583/400/342	592/417/350
Air flow (high/medium/low)	m³/h	1050/870/780	1230/960/810	2010/1440/1170	2100/1440/1230	2130/1500/1260
Sound pressure level (high/medium/low)*	dB(A)	32/29/28	35/31/28	43/38/33	44/38/34	45/40/36
Sound power level (high/medium/low)	dB(A)	47/44/43	50/46/43	58/53/48	59/53/49	60/55/51
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	319 x 840 x 840
Weight	kg	20	20	24	24	24
Panel dimensions, height x width x depth	mm	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950
Panel weight	kg	4.2	4.2	4.2	4.2	4.2

Outdoor unit RAV		SM563AT-E	SM803AT-E	SM1103AT-E	SM1403AT-E	SM1603AT-E
Air flow	l/s (m³/h)	667 (2400)	750 (2700)	1250 (4500)	1250 (4500)	1717 (6180)
Sound pressure level, cooling/heating*	dB(A)	46/48	48/50	53/54	53/54	51/53
Sound power level, cooling/heating	dB(A)	63/65	65/67	70/71	70/71	68/70
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	1340 x 900 x 320
Weight	kg	38	42	77	77	99
Operating range, cooling	°C	-15 to 43	-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	-15 to 15
Pipe connections, gas - liquid	in	1/2 - 1/4	5/8 - 3/8	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	50/5
Pipe length, pre-charged	m	20	20	30	30	30
Additional R410A charge	g/m	20	40	40	40	40
Maximum height difference, above/below	m	30/30	30/30	30/30	30/30	30/30
Max. operating current, cooling	A	7.9	10.1	14.4	17.7	23.9
Suggested fuse size	A	10	16	20	20	25
Power supply	V-ph-Hz	220/240-1-50	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	Outdoor unit
Interconnecting cables		3 + E	3 + E	3 + E	3 + E	3 + E