

Super Digital Inverter Twin-Split Systems

- Allows connection of two indoor units (same type and capacity) to one outdoor unit
- Indoor units are in the same room, operate simultaneously and have a single controller
- Twin-operation is possible with all light-commercial indoor units (except XT)
- Precise capacity control at all conditions
- Ideal for larger shops and open-plan offices
- User-friendly controls
- Performance tuning for optimised comfort
- 95% of SDI systems are A-rated
- Remote control is required (RBC-AMT32-E)*
- **Ideal for R22 replacement**



* See accessory page for price

Outdoor unit	RAV	SP1104AT-E	SP1404AT-E	SP1104AT-E	SP1104AT-E	SP1404AT-E
Indoor unit	RAV	2 x 4-way cassette SM564UT-E	SM804UT-E	2 x compact 4-way cassette SM562MUT-E	2 x ceiling unit SM562CT-E	SM802CT-E
Cooling capacity range	kW	10 (3-12)	12.5 (3-14)	10 (3-12)	10 (3-12)	12.5 (3-14)
Heating capacity range	kW	11.2 (3-13)	14 (3-16.5)	11.2 (3-13)	11.2 (3-13)	14 (3-16.5)
Power input, cooling/heating	kW	2.4/2.55	3.56/3.58	2.67/2.67	2.4/2.55	3.9/3.75
EER, cooling/COP, heating	W/W	4.17/4.39	3.51/3.91	3.75/4.19	3.75/4.27	3.35/3.84
Annual power consumption, cooling	kWh	1200	1780	1335	1200	1950
Energy label, cooling/heating	A/A	A/A	A/A	A/A	A/A	A/A
UK conditions - cooling capacity	kW	10.87	13.59	10.87	10.87	13.59
UK conditions - sensible cooling capacity	kW	6.67	8.86	6.67	6.67	8.86
UK conditions - heating capacity	kW	9.31	12.29	9.31	9.31	12.29

Outdoor unit	RAV	SP1104AT-E	SP1404AT-E	SP1104AT-E	SP1104AT-E	SP1404AT-E
Indoor unit	RAV	2 x ducted unit SM562BT-E	SM802BT-E	2 x slim duct unit SM564SDT-E	2 x high-wall unit SM562KRT-E	SM802KRT-E
Cooling capacity range	kW	10 (3-12)	12.5 (3-14)	10 (3-11.2)	10 (3-12)	12.3 (3-13.5)
Heating capacity range	kW	11.2 (3-13)	14 (3-16.5)	11.2 (3-12.5)	11.2 (3-13)	14 (3-16.5)
Power input, cooling/heating	kW	2.5/2.55	3.9/3.6	2.50/2.55	2.4/2.55	4.0/3.85
EER, cooling/COP, heating	W/W	3.40/4.04	3.26/4.11	4.00/4.39	3.62/4.00	3.17/3.66
Annual power consumption, cooling	kWh	1250	1950	1250	1200	1950
Energy label, cooling/heating	A/A	A/A	A/A	A/A	A/A	B/A
UK conditions - cooling capacity	kW	10.87	13.59	10.87	10.87	13.59
UK conditions - sensible cooling capacity	kW	6.67	8.86	6.67	6.67	8.86
UK conditions - heating capacity	kW	9.31	12.29	9.68	9.31	12.29

Outdoor unit RAV		SP1104AT-E	SP1404AT-E
Air flow	l/s (m ³ /h)	2083 (7500)	2083 (7500)
Sound pressure level, cooling/heating*	dB(A)	49/51	53/54
Sound power level, cooling/heating	dB(A)	66/68	70/71
Dimensions, height x width x depth	mm	1340 x 900 x 320	1340 x 900 x 320
Weight	kg	95	95
Operating range, cooling/heating	°C	-15 to 43/-15 to 15	-15 to 43/-15 to 15
Pipe connections, gas - liquid	in	5/8 - 3/8	5/8 - 3/8
Pipe length, maximum/pre-charged	m	50/30	50/30
Additional R410A charge	g/m	40	40
Maximum height difference, above/below	m	30/30	30/30
Max. operating current, cooling	A	11.24	16.51
Suggested fuse size	A	20	20
Power supply (to outdoor unit)	V-ph-Hz	220/240-1-50	220/240-1-50
Interconnecting cables		3 + E	3 + E