

SDI - Technical specifications twin system

Outdoor unit	RAV-	SP1102AT-E	SP1402AT-E	SP1102AT-E	SP1402AT-E	SP1102AT-E	SP1402AT-E	SP1102AT-E	SP1402AT-E
Indoor unit		(2x) 4-Way cassette		(2x) Ducted		(2x) Ceiling		(2x) High-wall	
	RAV-	SM562UT-E	SM802UT-E	SM562BT-E	SM802BT-E	SM562CT-E	SM802CT-E	SM562KRT-E	SM802KRT-E
Cooling capacity	kW	10.0	12.5	10.0	12.5	10.0	12.5	10.0	12.3
Cooling capacity (min. - max.)	kW	3.0 - 12.0	3.0 - 14.0	3.0 - 12.0	3.0 - 14.0	3.0 - 12.0	3.0 - 14.0	3.0 - 12.0	3.0 - 13.5
Power input, cooling	kW	2.4	3.56	2.5	3.9	2.4	3.9	2.4	4
EER, cooling	W/W	4.17	3.51	4	3.21	4.17	3.21	4.17	3.08
Energy efficiency class, cooling		A	A	A	A	A	A	A	B
Annual energy consumption, clg.	kWh	1200	1780	1250	1950	1200	1950	1200	1950
Heating capacity	kW	11.2	14.00	11.2	14.0	11.2	14.0	11.2	14.0
Heating range (min. - max.)	kW	3.0 - 13.0	3.0 - 16.5	3.0 - 13.0	3.0 - 16.5	3.0 - 13.0	3.0 - 16.5	3.0 - 13.0	3.0 - 16.5
Power input, heating	kW	2.55	3.58	2.55	3.6	2.55	3.75	2.55	3.85
COP, heating	W/W	4.39	3.91	4.39	3.89	4.39	3.73	4.39	3.64
Energy efficiency class, heating		A	A	A	A	A	A	A	A

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Outdoor unit	RAV-	SM1102AT-E	SM1402AT-E	SM1102AT-E	SM1402AT-E	SM1102AT-E	SM1402AT-E	SM1102AT-E	SM1402AT-E
Indoor unit		(2 x) 4-Way cassette		(2 x) Ducted		(2 x) Ceiling		(2 x) High-wall	
	RAV-	SM562UT-E	SM802UT-E	SM562BT-E	SM802BT-E	SM562CT-E	SM802CT-E	SM562KRT-E	SM802KRT-E
Cooling capacity	kW	10.0	12.5	10.0	12.5	10.0	12.3	10.0	12.0
Cooling capacity (min - max.)	kW	3.0 - 11.2	3.0 - 13.2	3.0 - 11.2	3.0 - 13.2	3.0 - 11.2	3.0 - 13.2	3.0 - 11.2	3.0 - 13.0
Power input, cooling	kW	3.52	4.09	3.56	4.42	3.51	4.52	3.48	4.52
EER, cooling	W/W	2.84	3.06	2.81	2.83	2.85	2.72	2.87	2.65
Energy efficiency class, cooling		C	B	C	C	C	D	C	D
Annual energy consumption, clg.	kWh	1760	2045	1780	2210	1755	2260	1740	2260
Heating capacity	kW	11.2	14.0	11.2	14.0	11.2	14.0	11.2	14.0
Heating range (min. - max.)	kW	3.0 - 13.0	3.0 - 16.0	3.0 - 12.5	3.0 - 16.0	3.0 - 12.5	3.0 - 16.0	3.0 - 12.5	3.0 - 16.0
Power input, heating	kW	3.14	4.00	3.14	4.03	3.20	4.14	3.14	4.24
COP, heating	W/W	3.57	3.50	3.57	3.47	3.50	3.38	3.57	3.30
Energy efficiency class, heating		B	B	B	B	B	C	B	C

Indoor unit		4-Way Cassette		Ducted		Ceiling		High-wall	
	RAV-	SM562UT-E	SM802UT-E	SM562BT-E	SM802BT-E	SM562CT-E	SM802CT-E	SM562KRT-E	SM802KRT-E
Air flow (h/l)	m ³ /h	1050/726	1200/816	780/588 -	1140/798 -	780/600 -	1110/876 -	840/642 -	1110/732
	- l/s	- 294/203	- 336/228	218/165	319/223	218/168	310/245	235/180	- 310/205
Sound pressure level (h/l)	dB(A)	32/27	34/28	40/33	40/34	36/30	38/33	39/33	45/36
Sound power level (h/l)	dB(A)	47/42	49/43	55/48	59/49	51/45	53/48	54/48	60/51
Dimensions (H x W x D)*	mm	256x840x840	256x 840x840	320x700x800	320x1000x800	210x910x680	210x1180x680	298x998x221	298x998x221
Weight*	kg	21*	22	30	39	21	25	12	12

* Panel dimensions (HxWxD): 35 x 950 x 950 mm and weight: 4.5kg

Outdoor unit		SDI RAV-SP1102AT-E	SDI RAV-SP1402AT-E	DI RAV-SM1102AT-E	DI RAV-SM1402AT-E
Air flow	m ³ /h - l/s	7500 - 2083	7500 - 2083	4500 - 1250	4500 - 1250
Sound pressure level, cooling/heating	dB(A)	49 (51)	53 (54)	53 (54)	53 (54)
Sound power level, cooling/heating	dB(A)	66 (68)	70 (71)	70 (71)	70 (71)
Operating range, cooling/heating	°C	-15 - 43°C (-15 - 15°C)	-15 - 43°C (-15 - 15°C)	-15 - 43°C (-15 - 15°C)	-15 - 43°C (-15 - 15°C)
Dimensions (H x W x D)	mm	1340 x 900 x 320	1340 x 900 x 320	795 x 900 x 320	795 x 900 x 320
Weight	kg	95	95	77	77
Compressor type		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections					
Gas (main - sub.)	in	5/8 - 1/2	5/8 - 5/8	5/8 - 1/2	5/8 - 5/8
Liquid (main - sub.)	in	3/8 - 1/4	3/8 - 3/8	3/8 - 1/4	3/8 - 3/8
Minimum pipe length	m	5	5	5	5
Maximum pipe length	m	70	70	50	50
Maximum height difference	m	30	30	30	30
Pre-charged pipe length	m	30	30	30	30
Power supply	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50