

Technical specifications **heat pump**

Outdoor unit		RAS-10SAVP-E	RAS-13SAVP-E	RAS-16SAVP-E
Indoor unit		RAS-B10SKVP-E	RAS-B13SKVP-E	RAS-B16SKVP-E
Cooling capacity	kW	2.50	3.50	4.50
Cooling range (min. – max.)	kW	0.5 to 3.5	0.6 to 4.5	0.8 to 5.0
Power input, cooling (min – rated – max.)	kW	0.10 – 0.49 – 0.87	0.11 – 0.85 – 1.37	0.15 – 1.35 – 1.82
EER	W/W	5.10	4.12	3.33
Energy efficiency class, cooling		A	A	A
Annual energy consumption	kWh	245	425	675
Heating capacity	kW	3.20	4.20	5.50
Heating range (min. – max.)	kW	0.6 to 6.1	0.6 to 6.9	0.8 to 8.0
Power input, heating (min – rated – max.)	kW	0.12 – 0.63 – 1.71	0.12 – 0.95 – 2.09	0.15 – 1.49 – 2.51
COP	W/W	5.08	4.42	3.69
Energy efficiency class, heating		A	A	A
Indoor unit		RAS-B10SKVP-E	RAS-B13SKVP-E	RAS-B16SKVP-E
Air flow, cooling (h/l)	m ³ /h – l/s	546/276 – 152/77	564/276 – 157/77	606/318 – 168/88
Sound pressure level, cooling (h/l)	dB(A)	42/27	43/27	45/29
Sound power level, cooling (h/l)	dB(A)	57/42	58/42	60/44
Air flow, heating (h/l)	m ³ /h – l/s	612/282 – 170/78	636/300 – 177/83	678/342 – 188/95
Sound pressure level, heating (h/l)	dB(A)	43/27	44/27	45/29
Sound power level, heating (h/l)	dB(A)	58/42	59/42	60/45
Dimensions (H x L x D)	mm	250 x 790 x 208	250 x 790 x 208	250 x 790 x 208
Weight	kg	9	9	9
Outdoor unit		RAS-10SAVP-E	RAS-13SAVP-E	RAS-16SAVP-E
Air flow	m ³ /h – l/s	2148 – 597	2406 – 668	2406 – 668
Sound pressure level, cooling	dB(A)	46	48	49
Sound power level, cooling	dB(A)	59	61	62
Operating range, cooling	°C	-10 to 46	-10 to 46	-10 to 46
Sound pressure level, heating	dB(A)	47	50	50
Sound power level, heating	dB(A)	60	63	63
Operating range, heating	°C	-15 to 24	-15 to 24	-15 to 24
Dimensions (H x L x D)	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Weight	kg	38	38	38
Compressor type		DC twin-rotary	DC twin-rotary	DC twin-rotary
Flare connections				
Gas	in	3/8	3/8	1/2
Liquid	in	1/4	1/4	1/4
Minimum pipe length	m	2	2	2
Maximum pipe length	m	25	25	25
Maximum height difference	m	10	10	10
Pre-charged pipe length	m	15	15	15
Power supply	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50