

Technical specifications heat pump

Outdoor unit		RAS-10SAV-E	RAS-13SAV-E	RAS-16SAV-E
Indoor unit		RAS-10SKV-E	RAS-13SKV-E	RAS-16SKV-E
Cooling capacity	kW	2.5	3.5	4.5
Cooling range (min. – max.)	kW	1.1 – 3.0	1.1 – 4.0	0.8 – 5.0
Power input, cooling (min. – rated – max)	kW	0.255 – 0.750 – 0.965	0.250 – 1.070 – 1.330	0.150 – 1.595 – 1.900
EER	W/W	3.33	3.27	2.82
Energy efficiency class, cooling		A	A	C
Annual energy consumption	KWh	375	535	798
Heating capacity	kW	3.2	4.2	5.3
Heating range (min. – max.)	kW	0.9 – 4.1	0.9 – 5.0	0.9 – 6.2
Power input, heating (min. – rated – max)	kW	0.200 – 0.860 – 1.200	0.170 – 1.130 – 1.480	0.150 – 1.550 – 1.810
COP	W/W	3.72	3.72	3.42
Energy efficiency class, heating		A	A	B
Indoor unit		RAS-10SKV-E/ RAS-M10SKV-E	RAS-13SKV-E/ RAS-M13SKV-E	RAS-16SKV-E/ RAS-M16SKV-E
Air flow, cooling (h/m/l)	l/s	145/125/95	156/132/98	192/163/121
Air flow, cooling (h/m/l)	m ³ /h	522/439/331	563/481/352	691/536/437
Sound pressure level, cooling (h/l)	dB(A)	38/29	39/26	45/30
Sound power level, cooling (h/l)	dB(A)	51/42	52/39	58/43
Air flow, heating (h/m/l)	l/s	160/140/112	175/145/113	206/184/151
Air flow, heating (h/m/l)	m ³ /h	576/495/401	630/528/410	743/638/549
Sound pressure level, heating (h/l)	dB(A)	40/30	40/28	45/31
Sound power level, heating (h/l)	dB(A)	53/43	53/41	58/44
Dimensions (H x L x D)	mm	250 x 740 x 195	275 x 790 x 205	275 x 790 x 205
Weight	kg	8.0	9.0	9.0
Outdoor unit		RAS-10SAV-E	RAS-13SAV-E	RAS-16SAV-E
Air flow	m ³ /h – l/s	1620 – 450	2100 – 583	2100 – 583
Sound pressure level, cooling	dB(A)	48	48	49
Sound power level, cooling	dB(A)	61	61	62
Operating range, cooling	°C	15 to 43	-10 to 46	-10 to 46
Sound pressure level, heating	dB(A)	50	50	50
Sound power level, heating	dB(A)	63	63	63
Operating range, heating	°C	-10 to 24	-15 to 24	-15 to 24
Dimensions (H x L x D)	mm	550 x 660 x 240	550 x 780 x 290	550 x 780 x 290
Weight	kg	29	35	35
Compressor type		DC rotary	DC rotary	DC twin-rotary
Flare connections - dia. gas	in	3/8	3/8	1/2
Flare connections -dia. liquid	in	1/4	1/4	1/4
Minimum pipe length	m	1	1	1
Maximum pipe length	m	10	20	20
Maximum height difference	m	8	10	10
Pre-charged pipe length	m	10	15	15
Power supply	V-ph-Hz	220-240/1/50	220-240/1/50	220-240/1/50

Indoor models with the letter "M" in the unit designation are multi-split units; models without the letter "M" are single-split units.