

Technical specifications **heat pump**

Outdoor unit		2-room multi-split		3-room multi-split	4-room multi-split
		RAS-M14GAV-E	RAS-M18GAV-E	RAS-3M26GAV-E	RAS-4M27GAV-E
Cooling capacity	kW	4.00	5.20	7.50	8.00
Cooling capacity (min. – max.)	kW	1.1 – 4.5	1.1 – 6.2	1.4 – 8.9	1.4 – 9.2
Power input, cooling	kW	1.08	1.60	2.25	2.50
EER	W/W	3.70	3.25	3.33	3.20
Energy efficiency class, cooling		A	A	A	B
Heating capacity	kW	4.40	6.70	9.00	9.00
Heating capacity (min. – max.)	kW	0.5 – 5.2	0.7 – 8.5	0.8 – 10.8	0.8 – 11.0
Power input, heating	kW	1.01	1.85	2.55	2.25
COP	W/W	4.35	3.62	3.53	4.00
Energy efficiency class, heating		A	A	B	A
Air flow	m <sup>3</sup> /h – l/s	1820 – 505	2100 – 583	3000 – 833	3000 – 833
Sound pressure level, cooling	dB(A)	46	48	48	48
Sound power level, cooling	dB(A)	59	61	61	61
Operating range, cooling	°C	5 to 43	5 to 43	10 to 43	10 to 43
Sound pressure level, heating	dB(A)	48	50	48	48
Sound power level, heating	dB(A)	61	63	61	61
Operating range, heating	°C	–15 to 24	–15 to 24	–15 to 21	–15 to 21
Dimensions (H x L x D)	mm	550 × 780 × 290	550 × 780 × 290	795 × 900 × 320	795 × 900 × 320
Weight	kg	36	40	64	65
Compressor type		DC twin-rotary	DC twin- rotary	DC twin-rotary	DC twin-rotary
Flare connections					
Gas	in	3/8 × 2	3/8 × 2	3/8 × 2 + 1/2	3/8 × 3 + 1/2
Liquid	in	1/4 × 2	1/4 × 2	1/4 × 3	1/4 × 4
Maximum pipe length (per unit/total)	m	20/30	20/30	25/50	25/70
Maximum height difference	m	10	10	15	15
Pre-charged pipe length	m	20	20	50	70
Power supply	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50