

## Technical specifications heat pump

Outdoor unit		RAS-10GAH-ES2	RAS-13GAH-ES2	RAS-18GAH-ES2	RAS-24GAH-ES2
Indoor unit		RAS-10GKHP-ES2	RAS-13GKHP-ES2	RAS-18GKHP-ES2	RAS-24GKHP-ES2
Cooling capacity	kW	2.73	3.78	5.03	6.30
Power input, cooling	kW	0.84	1.17	1.88	2.47
EER	W/W	3.25	3.23	2.68	2.55
Energy efficiency class, cooling		A	A	D	E
Annual energy consumption	kWh	420	585	940	1235
Running current, cooling	A	3.76	5.25	8.40	11.45
Heating capacity	kW	2.94	4.23	5.50	6.85
Power input, heating	kW	0.81	1.16	1.72	2.44
COP	W/W	3.63	3.65	3.20	2.81
Energy efficiency class, heating		A	A	C	D
Outdoor unit		RAS-10GAH-ES2	RAS-13GAH-ES2	RAS-18GAH-ES2	RAS-24GAH-ES2
Air flow	m <sup>3</sup> /h – l/s	2030 – 564	2120 – 589	1830 – 508	3380 – 939
Sound pressure level, cooling/heating	dB(A)	47/47	49/49	52/53	56/57
Sound power level, cooling/heating	dB(A)	60/60	62/62	65/66	69/70
Dimensions (H x L x D)	mm	550 × 780 × 290	550 × 780 × 290	550 × 780 × 290	715 × 780 × 290
Weight	kg	32	40	50	65

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Indoor unit		RAS-10GKHP-ES2	RAS-13GKHP-ES2	RAS-18GKHP-ES2	RAS-24GKHP-ES2
Air flow, cooling (h/l)	m <sup>3</sup> /h – l/s	540/340 – 150/95	630/430 – 175/120	900/625 – 250/174	900/625 – 250/174
Air flow, heating (h/l)	m <sup>3</sup> /h – l/s	560/400 – 155/110	650/490 – 180/135	900/625 – 250/174	900/625 – 250/174
Sound pressure level (h/l)	dB(A)	41/31	41/31	44/35	45/37
Sound power level	dB(A)	54/44	54/44	57/48	58/50
Dimensions (H x L x D)	mm	250 × 740 × 185	275 × 790 × 218	298 × 998 × 220	298 × 998 × 220
Weight	kg	8	10	13	13
Outdoor unit		RAS-10GAH-ES2	RAS-13GAH-ES2	RAS-18GAH-ES2	RAS-24GAH-ES2
Operating range, cooling	°C	15 to 43	15 to 43	15 to 43	15 to 43
Operating range, heating	°C	-10 to 24	-10 to 24	-10 to 24	-10 to 24
Flare connections (gas – liquid)	in	3/8 – 1/4	1/2 – 1/4	1/2 – 1/4	1/2 – 1/4
Maximum pipe length	m	10	15	20	25
Maximum height difference	m	5	6	8	10
Pre-charged pipe length	m	10	15	15	15
Power supply	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50