

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 ³ /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 x 780 x 290 | 550 x 780 x 290 | 550 x 780 x 290 | 715 x 780 x 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 ³ /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 ³ /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 x 740 x 185 | 275 x 790 x 218 | 298 x 998 x 220 | 298 x 998 x 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 |