

Technical specifications heat pump

| Outdoor unit | HP | MCY-MAP0401HT | MCY-MAP0501HT | MCY-MAP0601HT |
|--|-------------------------|------------------|------------------|------------------|
| | | 4 HP | 5 HP | 6 HP |
| Cooling capacity | kW | 12.1 | 14.0 | 15.5 |
| Power input, cooling | kW | 2.82 | 3.47 | 4.63 |
| EER, cooling | W/W | 4.29 | 4.03 | 3.35 |
| Energy efficiency class, cooling | | A | A | A |
| Running current, cooling | A | 13.2 | 16.1 | 21.4 |
| Heating capacity | kW | 12.5 | 16.0 | 18.0 |
| Power input, heating | kW | 2.71 | 4.00 | 4.85 |
| COP, heating | W/W | 4.61 | 4.00 | 3.71 |
| Energy efficiency class, heating | | A | A | A |
| Running current, heating | A | 12.5 | 18.3 | 22.2 |
| Air flow | m ³ /h - l/s | 5820 - 1617 | 6120 - 1700 | 6420 - 1783 |
| Sound pressure level, cooling/heating | dB(A) | 49/50 | 50/52 | 51/53 |
| Operating range, cooling - db | °C | -5 - 43°C | -5 - 43°C | -5 - 43°C |
| Operating range, heating - wb | °C | -15 - 15.5°C | -15 - 15.5°C | -15 - 15.5°C |
| Dimensions (H x W x D) | mm | 1340 x 900 x 320 | 1340 x 900 x 320 | 1340 x 900 x 320 |
| Weight | kg | 117 | 117 | 117 |
| Compressor type | | Hermetic | Hermetic | Hermetic |
| Refrigerant charge R410A | kg | 7.2 | 7.2 | 7.2 |
| Pipework | | | | |
| Suction line type - diameter | in | Flare - 5/8 | Flare - 5/8 | Brazing - 3/4 |
| Liquid line type - diameter | in | Flare - 3/8 | Flare - 3/8 | Flare - 3/8 |
| Maximum equivalent length separation* | m | 125 | 125 | 125 |
| Maximum actual piping separation* | m | 100 | 100 | 100 |
| Maximum pipe length* | m | 180 | 180 | 180 |
| Maximum lift (Indoor unit above/below) | m | 20/30 | 20/30 | 20/30 |
| Power supply | V-ph-Hz | 220/240-1-50 | 220/240-1-50 | 220/240-1-50 |

* When PMV Kit is used: Maximum equivalent length separation (80 m); maximum actual piping separation (65 m); maximum pipe length (150 m)



PMV kit

Utilising the PMV kit ensures ultra-quiet operation. The PMV kit can be located away from the outdoor unit to ensure improved comfort for the building occupants.

- Noise-free (refrigerant flow)
- Easy installation
- Condensation-free
- Minimum cost