



PQHY-P500YSHM-A

WY Series 20hp Water Cooled Condensing Unit

R410A Heat Pump



- **High COP's possible thanks to increased efficiency and careful control of the system, allowing the largest operational water circuit temperature band ever**
- **Combining WY with waste heat energy provides unique application solutions**
- **Condensing units must be situated indoors allowing greater design flexibility and no limitation on building size**
- **40% height reduction compared to previous YGM-A model**
- **Improved pipe run of 165m with a total system pipe length of up to 500m**
- **High Sensible Cooling Function - By raising the off coil temperature, a 10% increase in sensible cooling capacity over standard operation is achievable, the result being greater comfort for occupants**
- **Able to operate with closed loop ground source water temperatures, bore hole and slinky applications are now possible**



Pictures not to scale

Product Details

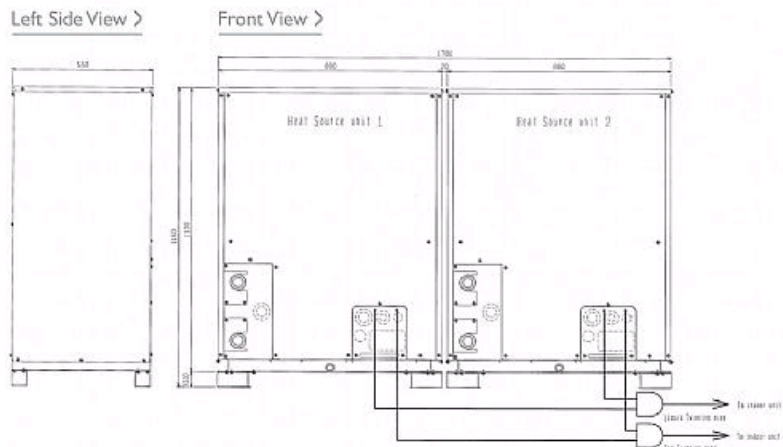
| PQHY-P500YSHM-A | |
|-------------------------------------|----------------|
| Capacity (kW): | |
| Heating (Nominal) | 63.0 |
| Cooling (Nominal) | 56.0 |
| Power Input (kW) Heating (Nominal) | 12.1 |
| Power Input (kW) Cooling (Nominal) | 11.45 |
| Max No. of Connectable Indoor Units | 50 |
| Noise (dBA) | 52 |
| Width - mm | 880 + 880 |
| Depth - mm | 550 |
| Height - mm | 1160 |
| Weight - kg | 186 + 186 |
| Electrical Supply | 380-415v, 50Hz |
| Phase | 3 |
| Mains Cable No. Cores | 4 + earth |
| Starting Current (A) | 8 |
| Running Current (A) - Heating | 18.7 |
| Running Current (A) - Cooling | 17.6 |

Piping Restrictions

| | |
|--|-----|
| Total Piping Length (m) | 500 |
| Furthest Piping Length (m) | 165 |
| Between Outdoor and BC Controller - Length (m) | 40 |
| Between Indoor and Outdoor Units - Height (m) | 50 |
| Between Indoor and Indoor Units - Height (m) | 15 |

Dimensions

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Mitsubishi Electric reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement.