



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

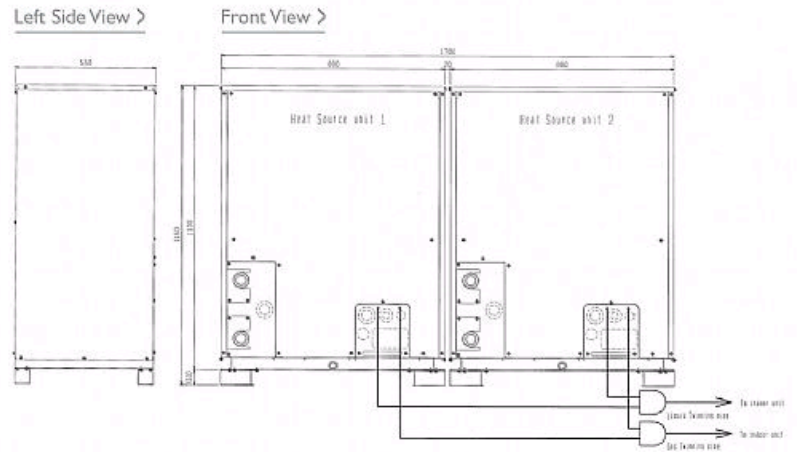
PQHY-P500YSHM-A	
Capacity (kW):	
Heating (Nominal)	63.0
Cooling (Nominal)	56.0
Power Input (kW) Heating (Nominal)	12.1
Power Input (kW) Cooling (Nominal)	11.45
Max No. of Connectable Indoor Units	50
Noise (dBA)	52
Width - mm	880 + 880
Depth - mm	550
Height - mm	1160
Weight - kg	186 + 186
Electrical Supply	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.

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