



PQHY-P450YSHM-A

WY Series 18hp 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

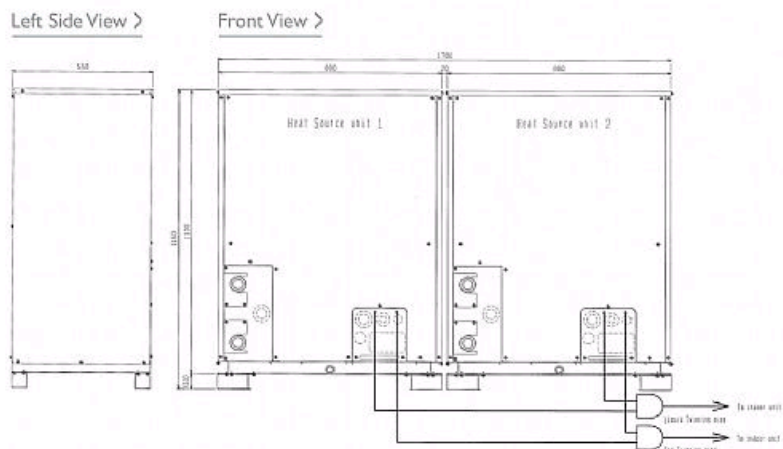
PQHY-P450YSHM-A	
Capacity (kW):	
Heating (Nominal)	56.0
Cooling (Nominal)	50.0
Power Input (kW) Heating (Nominal)	10.42
Power Input (kW) Cooling (Nominal)	9.84
Max No. of Connectable Indoor Units	45
Noise (dBA)	51
Width - mm	880 + 880
Depth - mm	550
Height - mm	1160
Weight - kg	186 + 186
Electrical Supply	380-415v, 50Hz
Phase	3
Mains Cable No. Cores	4 + earth
Running Current (A) - Heating	16.1
Running Current (A) - Cooling	15.2

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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Telephone: 01707 282880

Email: air.conditioning@meuk.mee.com Website: <http://www.mitsubishielectric.co.uk/aircon>

CELSIUS AIR CONDITIONING LTD
1, WELL STREET
HEYWOOD
OL10 1NT
Tel: 01706 367500
Fax: 01706 367355



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