



## PQHY-P400YSHM-A

WY Series 16hp 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

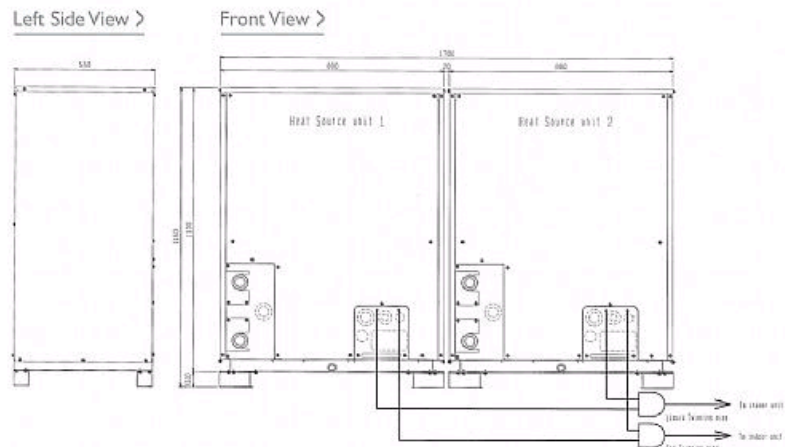
## Product Details

PQHY-P400YSHM-A	
Capacity (kW):	
Heating (Nominal)	50.0
Cooling (Nominal)	45.0
Power Input (kW) Heating (Nominal)	8.65
Power Input (kW) Cooling (Nominal)	8.25
Max No. of Connectable Indoor Units	40
Noise (dBA)	50
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	13.3
Running Current (A) - Cooling	12.7

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

PQHY-P400YSHM-A



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