

# Air Conditioning

## Product Information

### PQHY-P400YSHM-A : WY Series 16hp Water Cooled Unit

R410A Heat Pump



The WY Series has all the benefits of the Y Series using water cooled condensing units. It is also able to produce heat recovery via the water circuit between heat source units, making for a very economical system. Like the air source versions, the water cooled units benefit from a modular design approach. A twinning kit is required for double combinations.

## FEATURES



### OUTDOOR

|  |                        |
|--|------------------------|
| Heating Capacity (kW) (nominal)        | 50                     |
| Cooling Capacity (kW) (nominal)        | 45                     |
| Heating Power Input (kW) (nominal)     | 8.65                   |
| Cooling Power Input (kW) (nominal)     | 8.25                   |
| COP / EER (nominal)                    | 5.78 / 5.45            |
| SCOP / SEER                            | 5.67 / 5.86            |
| Max No. of Connectable Indoor Units    | 34                     |
| Sound Pressure Level (dBA)             | 50                     |
| Sound Power Level (dBA)                | 64                     |
| Weight (kg)                            | 195 + 195              |
| Dimensions (mm) Width x Depth x Height | 880 + 880 x 550 x 1160 |
| Electrical Supply                      | 380- 415V, 50HZ        |
| Phase                                  | 3                      |
| Starting Current (A)                   | 8 / 8                  |
| Running Current (A) - Heating          | 13.3                   |
| Running Current (A) - Cooling          | 12.7                   |
| Fuse Rating (BS88) - HRC (A)           | 20 / 20                |
| Mains Cable No. Cores                  | 4 + EARTH              |

### PIPING RESTRICTIONS

|   |     |
|---|-----|
| Total Piping Length (m)                       | 500 |
| Furthest Piping Length (m)                    | 165 |
| Furthest Piping Length After First Branch (m) | 40  |
| Between Indoor and Outdoor units - Height (m) | 50  |
| Between Indoor and Indoor units - Height (m)  | 15  |

### DIMENSIONS

PQHY-P400YSHM-A

Left Side View >



Front View >

