

Air Conditioning

Product Information

PQRY-P400YSHM-A : WR2 Series 16hp Water Cooled Unit

R410A Heat Recovery



The WR2 system has double heat recovery potential, making this system very economical. Not only does it produce heat recovery from indoor units on the same refrigerant circuit, it also produces heat recovery via the water circuit between heat source units. 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)	8.32
COP / EER (nominal)	5.78 / 5.4
SCOP / SEER	5.67 / 5.75
Max No. of Connectable Indoor Units	40
Sound Pressure Level (dBA)	50
Sound Power Level (dBA)	64
Weight (kg)	181 + 181
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	12.8
Fuse Rating (BS88) - HRC (A)	20 / 20
Mains Cable No. Cores	4 + EARTH

PIPING RESTRICTIONS

Total Piping Length (m)	750
Furthest Piping Length (m)	165
Length Between OU and BC	110
Length Between Furthest IU and BC	40
Height Between OU and IU	50
Height Between IU and IU	15
Height Between IU and BC	15
Height Between BC (Main or Sub) and Sub BC	15

DIMENSIONS

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