



PURY-P400YGM-A

R2 Series 16hp Outdoor Unit

R410A Heat Recovery



Many buildings require cooling in some areas and heating in others - even in adjacent rooms. The outstanding City Multy R2 system meets this requirement by distributing surplus heat from cooling operations (and vice versa) to rooms where it is needed. This efficiency can result in energy savings of up to 30% over conventional systems.

- **New higher efficiency inverter technology, with low start currents thanks to a single inverter compressor**
- **Easy to install unique 2 pipe technology means minimal disruption, quicker installation and less connections than a 3 pipe equivalent**
- **Highest ever COP's / EER's utilising energy efficient IPM inverter technology**
- **Improved pipe run of 150m with a total system pipe length of up to 400m**
- **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**



Pictures not to scale

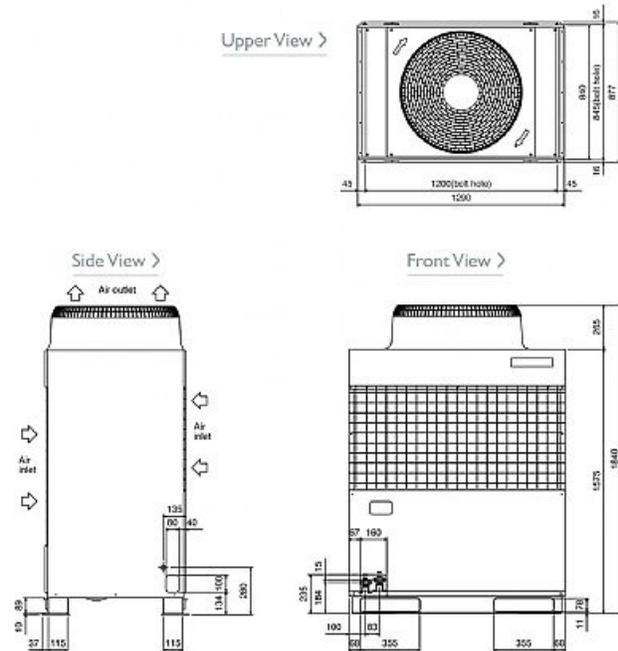
Product Details

PURY-P400YGM-A	
Capacity (kW):	
Heating (Nominal)	50.0
Cooling (Nominal)	45.0
Heating (UK)	44.0
Cooling (UK)	42.3
Power Input (kW) Heating (Nominal)	12.43
Power Input (kW) Cooling (Nominal)	13.42
Power Input (kW) Heating (UK)	12.06
Power Input (kW) Cooling (UK)	9.8
Max No. of Connectable Indoor Units	24
Airflow (m3/min)	240
Noise (dBA)	61
Width - mm	1290
Depth - mm	840 (877)
Height - mm	1840
Weight - kg	291
Electrical Supply	380-415v, 50Hz
Phase	3
Mains Cable No. Cores	4 + earth
Starting Current (A)	8
Running Current (A) - Heating	19.2
Running Current (A) - Cooling	20.7
Fuse Rating (BS88) - HRC (A)	40

Piping Restrictions	
Total Piping Length (m)	400
Furthest Piping Length (m)	150
Between Outdoor and BC Controller (Master) - Length (m)	110
Length Between Indoor and BC Controller (Master / Slave) - Length (m)	60
Between Indoor and Outdoor Units - Height (m)	50
Between Indoor and Indoor Units - Height (m)	15
Between Indoor and BC Controller (Master/Slave) - Height (m)	15
Between Indoor (Master) and Indoor (Slave) - Height (m)	15

Dimensions

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