# PURY-P800YSHM-A

Standard R2 Series 32hp Outdoor Unit

R410A Heat Recovery

Many buildings require cooling in some areas and heating in others - even in adjacent rooms. The outstanding City Multi 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.

- **High Sensible Cooling Function – By raising off coil temperature, a 10% increase in sensible cooling capacity over standard operation is achievable, the result being greater comfort for occupants**

- **Refrigerant Volume Checking Function can indicate if a leakage has occurred by measuring various temperature and pressures around the system, allowing customers to easily comply with the F-Gas regulation**

- **Replace Technology Function allows the re-use of refrigerant piping, controllers, power and control wiring for all previously installed R22 and R407c Heat Recovery and Cooling Only systems**

- **Energy-saving 100% inverter driven outdoor compressor units with very low start currents**
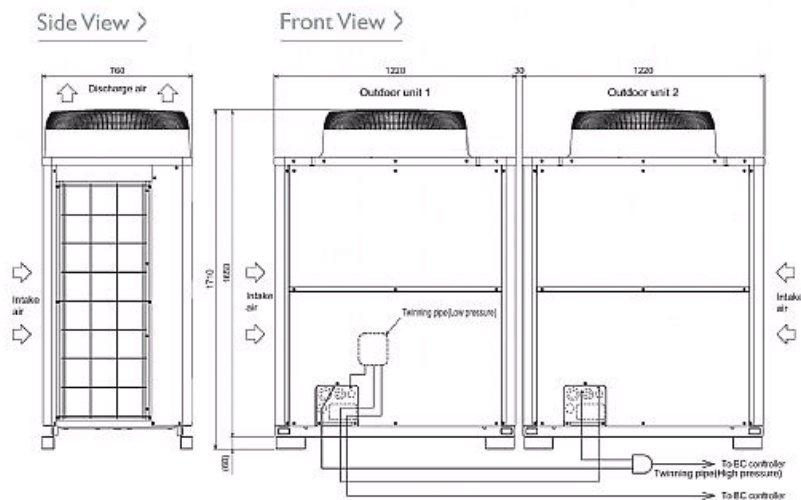
Pictures not to scale

## PURY-P800YSHM-A

| Capacity (kW): | |
|---|---|
| Heating (Nominal) | 100.0 |
| Cooling (Nominal) | 90.0 |
| Heating (UK) | 86.0 |
| Cooling (UK) | 82.8 |
| Power Input (kW) Heating (Nominal) | 27.64 |
| Power Input (kW) Cooling (Nominal) | 29.75 |
| Power Input (kW) Heating (UK) | 25.71 |
| Power Input (kW) Cooling (UK) | 21.42 |
| Max No. of Connectable Indoor Units | 50 |
| Airflow(m3/min) | 225 /225 |
| Noise (dBA) | 64 |
| Width - mm | 1220 + 1220 |
| Depth - mm | 760 |
| Height - mm | 1710 |
| Weight - kg | 265 + 265 |
| Electrical Supply | 380-415v, 50Hz |
| Phase | 3 |
| Mains Cable No. Cores | 4 + earth |
| Starting Current (A) | 8 |
| Running Current (A) - Heating | 42.7 |
| Running Current (A) - Cooling | 45.9 |

| Piping Restrictions | |
|---|---|
| Total Piping Length (m) | 950 |
| Furthest Piping Length (m) | 165 |
| Between Outdoor and BC Controller - Length (m) | 110 |
| Between Indoor and Outdoor Units - Height (m) | 50 |
| Between Indoor and Indoor Units - Height (m) | 15 |

## Dimensions

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