

# Air Conditioning

## Product Information

**PUHY-P500YSJM-A : Standard Y Series 20hp**

**Outdoor unit**

R410A Heat Pump



The City Multi Y Series makes use of a two pipe refrigerant circuit throughout, with branch pipes feeding indoor units, allowing manual changeover from cooling to heating to ensure that a constant indoor climate is maintained.

## FEATURES



### OUTDOOR

|  |                        |
|--|------------------------|
| Heating Capacity (kW) (nominal)                | 63                     |
| Cooling Capacity (kW) (nominal)                | 56                     |
| High Performance Heating Capacity (kW) (UK)    | 57                     |
| COP Priority Heating Capacity (kW) (UK)        | 54.8                   |
| Cooling Capacity (kW) (UK)                     | 51.5                   |
| Heating Power Input (kW) (nominal)             | 15.03                  |
| Cooling Power Input (kW) (nominal)             | 15.38                  |
| High Performance Heating Power Input (kW) (UK) | 17.13                  |
| COP Priority Heating Power Input (kW) (UK)     | 13.68                  |
| Cooling Power Input (kW) (UK)                  | 9.69                   |
| COP / EER (nominal)                            | 4.19 / 3.64            |
| SCOP / SEER                                    | 5.12 / 6.53            |
| Max No. of Connectable Indoor Units            | 43                     |
| Airflow (m <sup>3</sup> /min)                  | 170 / 170              |
| Sound Pressure Level (dBA)                     | 61                     |
| Sound Power Level (dBA)                        | 81                     |
| Weight (kg)                                    | 200 + 200              |
| Dimensions (mm) Width x Depth x Height         | 920 + 920 x 760 x 1710 |
| Electrical Supply                              | 380-415V, 50HZ         |
| Phase  | 3                      |
| Starting Current (A)                           | 8 / 8                  |
| Running Current (A) - Heating                  | 23.2                   |
| Running Current (A) - Cooling                  | 23.7                   |
| Fuse Rating (MCB sizes BS EN 60947-2) - (A)    | 20 / 20                |
| Mains Cable No. Cores                          | 4 + EARTH              |

### PIPING RESTRICTIONS

|   |      |
|---|------|
| Total Piping Length (m)                       | 1000 |
| 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

PUHY-P500YSJM-A

