

# Air Conditioning

## Product Information

**PUHY-EP400YSKM-A : High COP Y Series**

**16hp 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)                | 50                     |
| Cooling Capacity (kW) (nominal)                | 45                     |
| High Performance Heating Capacity (kW) (UK)    | 47.5                   |
| COP Priority Heating Capacity (kW) (UK)        | 43                     |
| Cooling Capacity (kW) (UK)                     | 42.3                   |
| Heating Power Input (kW) (nominal)             | 12.13                  |
| Cooling Power Input (kW) (nominal)             | 11.65                  |
| High Performance Heating Power Input (kW) (UK) | 14.68                  |
| COP Priority Heating Power Input (kW) (UK)     | 10.8                   |
| Cooling Power Input (kW) (UK)                  | 7.54                   |
| COP / EER (nominal)                            | 4.12 / 3.86            |
| SCOP / SEER                                    | 5.75 / 8.18            |
| Max No. of Connectable Indoor Units            | 34                     |
| Airflow (m <sup>3</sup> /min)                  | 175 / 175              |
| Sound Pressure Level (dBA)                     | 60                     |
| Sound Power Level (dBA)                        | 80                     |
| Weight (kg)                                    | 201 + 201              |
| Dimensions (mm) Width x Depth x Height         | 920 + 920 x 740 x 1710 |
| Electrical Supply                              | 380-415V, 50HZ         |
| Phase  | 3                      |
| Starting Current (A)                           | 8                      |
| Running Current (A) - Heating                  | 18.7                   |
| Running Current (A) - Cooling                  | 18                     |
| 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)  | 30   |

## DIMENSIONS

PUHY-EP400YKM-A

