

## Air Conditioning Product Information

**CITY MULTI**  
PUHY-M-YNW-A1  
Y SERIES HEAT PUMP

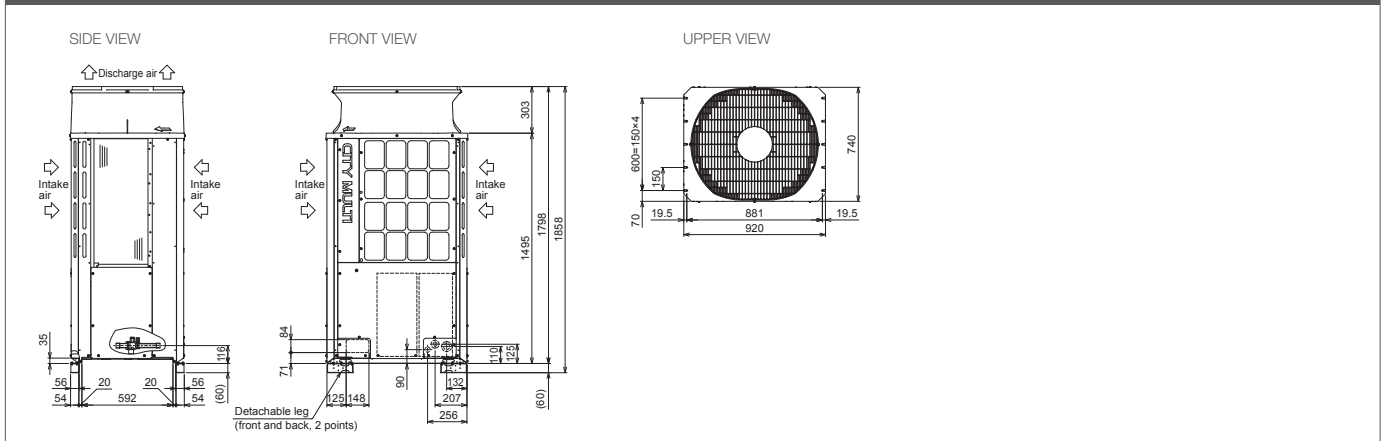


**R32**

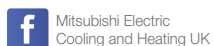
| PUHY-M-YNW-A1 OUTDOOR UNITS                                      |                               | PUHY-M200YNW-A1                             | PUHY-M250YNW-A1     | PUHY-M300YNW-A1     |
|--|-------------------------------|---|---------------------|---------------------|
| CAPACITY (kW)  | Heating (nominal)             | 25.0  | 31.5                | 37.5                |
|  | Cooling (nominal)             | 22.4  | 28.0                | 33.5                |
|  | High Performance Heating (UK) | 25.0  | 31.5                | 35.6                |
|  | COP Priority Heating (UK)     | 22.8  | 28.7                | 34.1                |
|  | Cooling (UK)                  | 20.0  | 25.1                | 30.0                |
| POWER INPUT (kW)   | Heating (nominal)             | 5.08  | 7.14                | 8.33                |
|  | Cooling (nominal)             | 4.72  | 6.96                | 8.54                |
|  | High Performance Heating (UK) | 6.40  | 9.00                | 11.08               |
|  | COP Priority Heating (UK)     | 5.08  | 7.14                | 8.33                |
|  | Cooling (UK)                  | 2.74  | 4.04                | 4.05                |
| COP / EER (nominal)  |                               | 4.92 / 4.74                                 | 4.41 / 4.02         | 4.50 / 3.92         |
| MAX NO. OF CONNECTABLE INDOOR UNITS                              |                               | 8   | 10                  | 12                  |
| MAX CONNECTABLE CAPACITY   |                               | 50~130% OU Capacity                         | 50~130% OU Capacity | 50~130% OU Capacity |
| AIRFLOW (m³/min)   | High                          | 170   | 185                 | 240                 |
|  | Gas                           | 22.2 (7/8")                                 | 22.2 (7/8")         | 22.2 (7/8")         |
| PIPE SIZE mm (in)  | Liquid                        | 9.52 (3/8")                                 | 9.52 (3/8")         | 9.52 (3/8")         |
|  | Heating / Cooling             | 59.0 / 58.0                                 | 61.0 / 60.0         | 64.5 / 61.0         |
| SOUND POWER LEVEL (dBA) @ 100% Capacity                          |                               | 78.0 / 75.0                                 | 80.0 / 78.0         | 83.5 / 80.0         |
| WEIGHT (kg)  |                               | 222   | 223                 | 223                 |
| DIMENSIONS (mm)  | Width                         | 920   | 920                 | 920                 |
|  | Depth                         | 740   | 740                 | 740                 |
|  | Height                        | 1858  | 1858                | 1858                |
| (1798mm without legs)  |                               |   |                     |                     |
| ELECTRICAL SUPPLY  |                               | 380-415v, 50Hz                              | 380-415v, 50Hz      | 380-415v, 50Hz      |
| PHASE  |                               | Three                                       | Three               | Three               |
| STARTING CURRENT (A)   |                               | 8   | 8                   | 8                   |
| NOMINAL SYSTEM RUNNING CURRENT (A)                               |                               | Heating / Cooling [Max]<br>8.1 / 7.5 [16.1] | 11.4 / 11.1 [21.8]  | 13.3 / 13.6 [25.6]  |
| GUARANTEED OPERATING RANGE (°C)                                  |                               | Heating / Cooling<br>-20~-15.5 / -5~-52     | -20~-15.5 / -5~-52  | -20~-15.5 / -5~-52  |
| FUSE RATING (MCB sizes BS EN 60947-2) - (A)                      |                               | 1 x 20                                      | 1 x 25              | 1 x 32              |
| MAINS CABLE No. Cores  |                               | 4 + earth                                   | 4 + earth           | 4 + earth           |
| CHARGE REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t)         |                               | R32 (GWP 675)<br>6.5 / 4.4                  | 6.5 / 4.4           | 6.5 / 4.4           |
| MAX ADDITIONAL REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t) |                               | R32 (GWP 675)<br>18.0 / 12.2                | 18.5 / 12.5         | 19.5 / 13.2         |

Notes: \*SEER/SCOP available separately in the 'City Multi VRF Seasonal Efficiency' document. Based on Ecodesign Lot 21/6 to EN14825 standard.

### PUHY-M200/250/300YNW-A1 DIMENSIONS



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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774) or R134a (GWP:1430). \*These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of November 2019

