

# PUZ-WM112VAA(-BS)

Ecodan R32

**Monobloc** Air Source Heat Pump

**R32**

## Key Features:

- A+++ high efficiency system
- Ultra quiet noise levels
- Maintains full heating capacity at low temperatures
- Zero carbon solution
- MELCloud enabled

## Key Benefits:

- Ultra low running cost
- Flexible product placement
- Confident and quick product selection
- Help to tackle the climate crisis
- Remote control, monitoring, maintenance and technical support



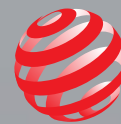
**MELCloud**



Manufactured in the UK



037-0034-20-01



**ecodan**<sup>®</sup>  
Renewable Heating Technology

| OUTDOOR UNIT                                              |                                                | PUZ-WM112VAA(-BS)        |
|-----------------------------------------------------------|------------------------------------------------|--------------------------|
| HEAT PUMP SPACE HEATER - 55°C                             | ErP Rating                                     | A++                      |
|                                                           | $\eta_s$                                       | 134%                     |
|                                                           | SCOP (MCS)                                     | 3.34                     |
| HEAT PUMP SPACE HEATER - 35°C                             | ErP Rating                                     | A+++                     |
|                                                           | $\eta_s$                                       | 191%                     |
|                                                           | SCOP (MCS)                                     | 4.78                     |
| HEAT PUMP COMBINATION HEATER - Large Profile <sup>1</sup> | ErP Rating                                     | A+                       |
|                                                           | $\eta_{wh}$                                    | 148%                     |
|                                                           | Capacity (kW)                                  | 11.2                     |
| HEATING <sup>2</sup> (A-7/W35)                            | Power Input (kW)                               | 3.73                     |
|                                                           | COP                                            | 3.00                     |
| OPERATING AMBIENT TEMPERATURE (°C DB)                     |                                                | -25 ~ +35                |
| SOUND DATA <sup>3</sup>                                   | Pressure Level at 1m (dBA)                     | 45                       |
|                                                           | Power Level (dBA) <sup>4</sup>                 | 60                       |
| WATER DATA                                                | Pipework Size (mm)                             | 28                       |
|                                                           | Flow Rate (l/min)                              | 32                       |
|                                                           | Water Pressure Drop (kPa)                      | 24.0                     |
| DIMENSIONS (mm)                                           | Width                                          | 1050                     |
|                                                           | Depth                                          | 480                      |
|                                                           | Height                                         | 1020                     |
| WEIGHT (kg)                                               |                                                | 119                      |
| ELECTRICAL DATA                                           | Electrical Supply                              | 220-240v, 50Hz           |
|                                                           | Phase                                          | Single                   |
|                                                           | Nominal Running Current [MAX] (A) <sup>5</sup> | 10.9 [28]                |
|                                                           | Fuse Rating - MCB Sizes (A) <sup>6</sup>       | 32                       |
| REFRIGERANT CHARGE (kg) / CO <sub>2</sub> EQUIVALENT (t)  |                                                | R32 (GWP 675) 3.0 / 2.03 |

## Notes:

<sup>1</sup> Combination with E\*PT20X Cylinder

<sup>2</sup> Under normal heating conditions at outdoor temp: -7°CDB / -8°CWB, outlet water temp 35°C, inlet water temp 30°C.

<sup>3</sup> Under normal heating conditions at outdoor temp: 7°CDB / 6°CWB, outlet water temp 55°C, inlet water temp 47°C as tested to BS EN14511.

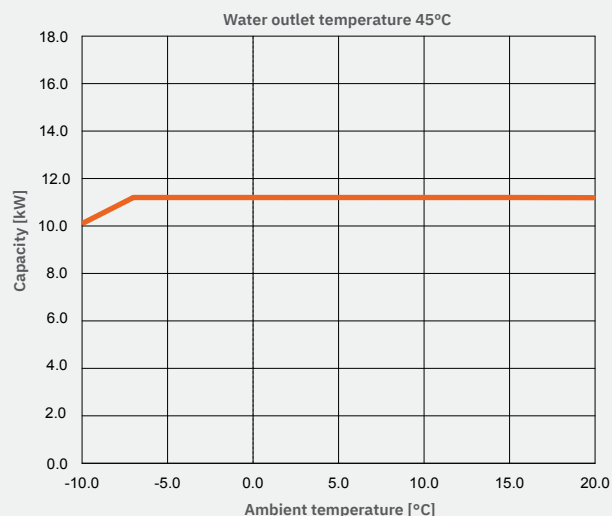
<sup>4</sup> Sound power level tested to BS EN12102.

<sup>5</sup> Under nominal heating conditions at outdoor temp: 7°C, outlet water temp: 35°C.

<sup>6</sup> MCB Sizes BS EN60898-2 & BS EN60947-2.

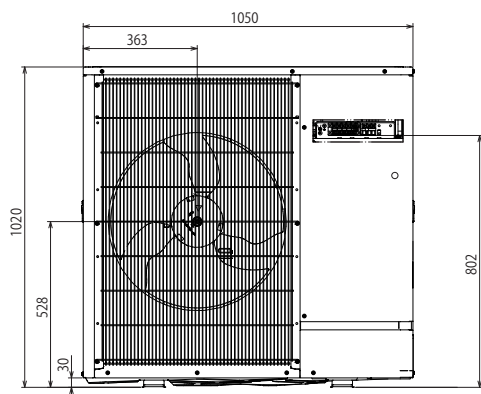
$\eta_s$  is the seasonal space heating energy efficiency (SSHEE)  $\eta_{wh}$  is the water heating energy efficiency

## NOMINAL HEATING CAPACITY

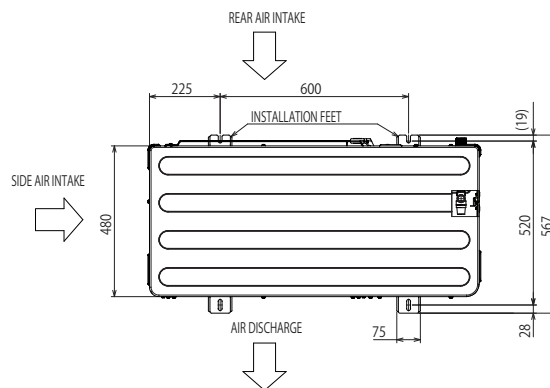


## PUZ-WM112VAA(-BS) DIMENSIONS

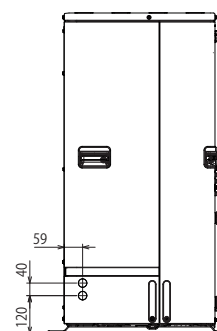
FRONT VIEW



UPPER VIEW



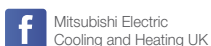
SIDE VIEW



All dimensions (mm)



Telephone: 01707 282880  
email: [heating@meuk.mee.com](mailto:heating@meuk.mee.com)  
[heating.mitsubishielectric.co.uk](http://heating.mitsubishielectric.co.uk)



UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division, Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England. Telephone: 01707 282880 Fax: 01707 278881  
IRELAND Mitsubishi Electric Europe, Westgate Business Park, Ballymount, Dublin 24, Ireland. Telephone: (01) 419 8800 Fax: (01) 419 8890 International code: (003531)

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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), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). \*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 August 2020

