Heating | Product Information

MITSUBISHI ELECTRIC

# EHPT20X-MHEDW

## FTC6 **Packaged** Cylinder
## For Ecodan R32 Monobloc Units

R32

### Key Features:

- Unvented plug & play packaged DHW cylinder
- Efficient & rapid heating
- Aesthetic, intelligent and ergonomic design
- Flexible 2-zone space heating control
- MELCloud enabled

### Key Benefits:

- Minimal installation time
- Excellent hot water recovery times
- Simple to locate and install
- Improved comfort and reduced energy use
- Remote control, monitoring, maintenance and technical support

Manufactured in the UK

MELCloud

ecodan®
Renewable Heating Technology

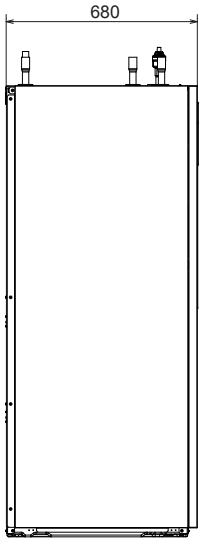
# EHPT20X-MHEDW
FTC6 Packaged Cylinder
For Ecodan R32 Monobloc Units

| CYLINDER | | | EHPT20X-MHEDW |
|---|---|---|---|
| NOMINAL HOT WATER VOLUME (LITRES) | | | 200 |
| HEAT PUMP COMBINATION HEATER - Large Profile (Average Climate) | | ErP Rating | A+ |
| OPERATING AMBIENT TEMPERATURE (°C DB) | | | 0 ~ +35°C (RH<80%) |
| SOUND PRESSURE LEVEL AT 1M (dBA) | | | 28 |
| WATER DATA | | Flow Rate (l/min) - (H)WM 50 / 60 / 85 / 112 / 140 | 14 / 17 / 24 / 32 / 37 |
| | | Primary Circuit Pump | Grundfos UPM3 15-75 130 |
| | | Sanitary Hot Water Pump | Grundfos UPSO 15-60 130 |
| | | Connection Size (mm) Heating / DHW | 28 / 22 |
| WATER SAFETY DEVICES | Heating Water Circuit | Control Thermistor (°C) | 1 - 80 |
| | | Flow Sensor (minimum flow 5L/min) | Supplied |
| | DHW Cylinder | Control Thermistor (°C) | 75 |
| | | Temp and Pressure Relief Valve (°C)/ (MPa (Bar)) | 90 / 0.7 (7) |
| DIMENSIONS (mm) | | Width | 595 |
| | | Depth | 680 |
| | | Height | 1600 |
| WEIGHT EMPTY / FULL (kg) | | | 90 / 296 |
| ELECTRICAL DATA | Control Board - *optionally powered by outdoor unit* | Electrical Supply | 220-240v, 50Hz |
| | | Phase | Single |
| | | Fuse Rating - MCB Sizes (A)*1 | 10 |
| | Immersion Heater | Electrical Supply | 220-240v, 50Hz |
| | | Phase | Single |
| | | Capacity (kW) | 3 |
| | | Max Running Current (A) | 13 |
| | | Fuse Rating - MCB Sizes (A)*1 | 16 |
| MECHANICAL ZONES | | | DHW and 1 Heating Zone*2 |
| OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER | | | PAR-WT50-E Controller and PAR-WR51-E Receiver |

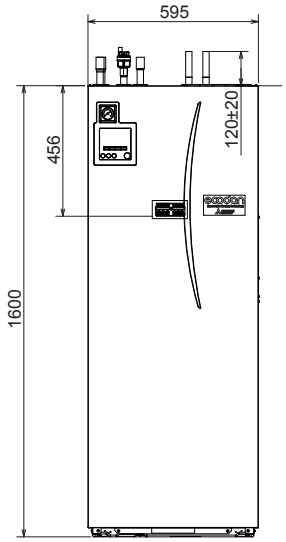
*1 MCB Sizes BS EN60898-2 & BS EN60947-2 *2 Optional 2 zone accessory pack available
**Notes:** Cylinder includes: Flow Temperature Controller (FTC6) with Main Controller and Temperature Sensors, Pumps & Valves for Zone 1 and DHW use, Flow Sensor, Plate Heat Exchanger, Scale Trap, 3kW Immersion Heater.

## EHPT20X-MHEDW DIMENSIONS

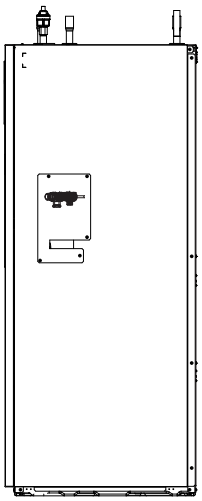
LEFT VIEW



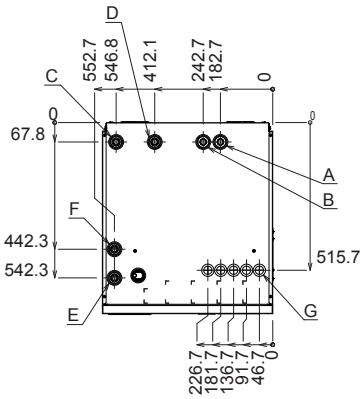

FRONT VIEW




RIGHT VIEW



UPPER VIEW




| Letter | Pipe Description | Connection size/type |
|---|---|---|
| A | DHW outlet connection | 22mm/Compression |
| B | Cold water inlet connection | 22mm/Compression |
| C | Space heating return connection | 28mm/Compression |
| D | Space heating flow connection | 28mm/Compression |
| E | Flow from heat pump connection | 28mm/Compression |
| F | Return to heat pump connection | 28mm/Compression |
| G | Electrical cable inlets | |

All dimensions (mm)

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*Changes for the Better*

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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**

Green Gateway greengateway.mitsubishielectric.co.uk