

EHPT18-21X-UKHLDWB

Versatile Slimline Cylinders
for Ecodan Monobloc Units



Key Features:

- Unvented, versatile DHW cylinder
- High capacity coil heat exchanger
- Diverter valve accessory supplied
- Advanced Mitsubishi Electric controls installed
- MELCloud Enabled

Key Benefits:

- Versatile product placement
- Maximises heat transfer
- Simplified heating & hot water system installation
- Quality assurance, giving peace of mind
- Remote control, monitoring, maintenance and technical support



MELCloud

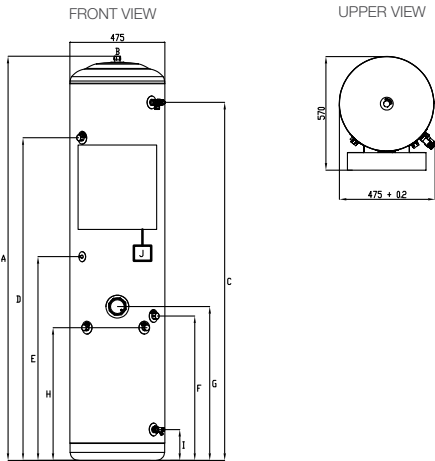


ecodan[®]
Renewable Heating Technology

| CYLINDER | | EHPT18X-UKHLDWB | EHPT21X-UKHLDWB | | |
|------------------------------------|--|--|------------------------|---|--|
| NOMINAL HOT WATER VOLUME (LITRES) | | 180 | 210 | | |
| ErP RATING | | C | C | | |
| HEAT LOSS (kWh/24hrs) | | 1.72 | 2.08 | | |
| HEAT LOSS (W) | | 72 | 87 | | |
| WATER | | Flow Rate (l/min) - (H)WM 50 / 60 / 85 / 112 / 140 | 14 / 17 / 24 / 32 / 40 | | |
| Primary Circuit Pump | | | Local supply | | |
| Heating Circuit Pump | | | Local supply | | |
| Sanitary Hot Water Pump | | | N/A | | |
| Connection Size (mm) Heating / DHW | | 22 / 22 | 22 / 22 | | |
| Charge Pressure (MPa (Bar)) | | 0.30 (3.0) | 0.30 (3.0) | | |
| WATER SAFETY | Water Circuit | Control Thermistor (°C) | 80 | | |
| | DHW Cylinder | DHW Expansion Vessel (Litres) | 18 | | |
| | | Control Thermistor (°C) | 75 | | |
| | | Over Temperature Cut-Out (°C) | 80 +/- 5 | | |
| | | Temp and Pressure Relief Valve (°C) / (MPa (Bar)) | 90°C / 7 Bar | | |
| | | Expansion Relief Valve (Cold) (MPa (Bar)) | 6 Bar | | |
| DIMENSIONS (mm) | | Width | 475+0.2 ³ | | |
| | | Depth | 569.5 | | |
| | | Height | 2025 | | |
| WEIGHT EMPTY / FULL (kg) | | 50 / 218 | 50 / 258 | | |
| CYLINDER MATERIAL | Cylinder | Stainless Steel | | | |
| | Insulation | CFC / HCFC-free Polyurethane | | | |
| | | Insulation Thickness (mm) | 50 | | |
| | | GWP of Insulation | 1 | | |
| ELECTRICAL DATA | Control Board - <i>optionally powered by outdoor unit</i> | Electrical Supply | 220-240v ~, 50Hz | | |
| | | Phase | Single | | |
| | | Fuse Rating - MCB Sizes (A) ^{*1} | 16 | | |
| | 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-WT60R-E Controller and PAR-WR61R-E Receiver | |

Notes: *1 MCB Sizes BS EN60998-2 & BS EN60947-2. *2 Optional 2 zone accessory pack available. *3 Temperature and Pressure Relief Valve. Cylinder includes: Flow Temperature Controller (FTC6) with Main Controller and Temperature Sensors, Diverter Valve, Coil Heat Exchanger, 3kW Immersion Heater, Expansion Vessel, MELCloud Wi-Fi Interface, Drain Valve, Tundish and Cold Water Combination Valve.

EHPT18-21X-UKHLDWB DIMENSIONS All dimensions (mm)



| Letter | Pipe Description | Connection size/type |
|--------|---|----------------------------------|
| A | Overall height | |
| B | Hot Water Outlet | 22mm Compression (3/4" Male BSP) |
| C | Temperature & Pressure Relief Valve | |
| D | Secondary Return Tapping | 22mm Compression (3/4" Male BSP) |
| E | THW5A Sensor Pocket | |
| F | Cold Water Inlet | 22mm Compression (3/4" Male BSP) |
| G | Immersion heater | |
| H | Heat Pump Flow & Return Coil Connections | 22mm Compression (3/4" Male BSP) |
| I | Drain Valve | 22mm Compression (3/4" Male BSP) |
| J | Wi-Fi Adaptor (Installer to locate and mount) | |

| Capacity | 150 | 170 |
|----------|-------------------------------|------|
| A | 1712 | 2025 |
| C | 1479 | 1795 |
| D | N/A | 1615 |
| E | 864 | 1020 |
| F | 726 | 726 |
| G | 756 | 769 |
| H | 668 | 668 |
| I | 158 | 158 |
| J | Installer to locate and mount | |

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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. The fuse rating is for guidance only and 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 May 2023