EHPT15-17X-UKHLDW
FTC6 Slimline Pre-Plumbed Cylinder
For Ecodan R32 Monobloc Units

Key Features:
- Unvented plug & play pre-plumbed DHW cylinder
- Efficient & rapid heating
- Premium quality insulation
- Flexible 2-zone space heating control
- MELCloud enabled

Key Benefits:
- Minimal installation time
- Excellent hot water recovery times
- Reduced heat losses and running costs
- Improved comfort and reduced energy use
- Remote control, monitoring, maintenance and technical support
### Cylinder Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>EHPT15X-UKHLDW</th>
<th>EHPT17X-UKHLDW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nominal Hot Water Volume (Litres)</strong></td>
<td>150</td>
<td>170</td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>1.4L</td>
<td>1.6L</td>
</tr>
<tr>
<td><strong>Heat Loss</strong> (kW)</td>
<td>24</td>
<td>26</td>
</tr>
<tr>
<td><strong>Flow Rate</strong> (min)</td>
<td>WM 60 / 80</td>
<td>WM 60 / 80</td>
</tr>
<tr>
<td><strong>Minimum Circulator Pump</strong></td>
<td>Grundfos LPM80 25-80</td>
<td>Grundfos LPM80 25-80</td>
</tr>
<tr>
<td><strong>Sanitary Hot Water Pump</strong></td>
<td>Grundfos LPSD 15-60 CIL2</td>
<td>Grundfos LPSD 15-60 CIL2</td>
</tr>
<tr>
<td><strong>Connection Size Heating / HW</strong></td>
<td>22 / 22</td>
<td>22 / 22</td>
</tr>
<tr>
<td><strong>Charge Pressure (MPa) Stat</strong></td>
<td>0.38 (0.0)</td>
<td>0.30 (0.0)</td>
</tr>
<tr>
<td><strong>Outlet Pressure (MPa) Stat</strong></td>
<td>8.0 ± 0.5</td>
<td>8.0 ± 0.5</td>
</tr>
<tr>
<td><strong>Temp and Pressure Relief Valve</strong></td>
<td>90 / 1.0 (10)</td>
<td>90 / 1.0 (10)</td>
</tr>
<tr>
<td><strong>Expansion Relief Valve (Cold)</strong></td>
<td>0.8 (0.0)</td>
<td>0.8 (0.0)</td>
</tr>
</tbody>
</table>

### Dimensions

- **Cylinder Material**: Stainless Steel
- **Insulation**: Stainless Steel
- **Electrical Supply**: 220-240V, 50Hz
- **Electrical Output**: 220-240V, 50Hz
- **Control Panel**: Single
- **Minimum Height**: 1050 mm
- **Overall Height**: 1083 mm
- **Depth**: 649 mm
- **Width**: 646 mm
- **Height**: 1050 mm
- **Expansion Vessel (Litres)**: 60

### Electrical Data

- **Control Board**: Single
- **Control Panel**: Single
- **Fuse Rating**: 3 A
- **Max Running Current (A)**: 13 A
- **Freeze Rating - MCB Sizes (A)**: 16 A

### Mechanical Zones

- **UNI and 1 Heating Zone**

### Optional Simplified Wireless Room Thermostat and Wireless Receiver

- **Wi-Fi adapter**
- **THW5A sensor pocket**
- **Hot water outlet connection**
- **Cold water inlet connection**
- **Heating circuit return connection**
- **Heating circuit flow connection**
- **Heat pump return connection**
- **Heat pump flow connection**

### Notes

- The fuse rating is for guidance only. Please refer to the relevant database for detailed specification.
- The responsibility of a qualified electrician/electrical engineer is to select the correct cable size and fuse rating based on current regulations and site specific conditions.

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**For Ecodan R32 Monobloc Units**

**Ecodan FTC6 Slimline Pre-Plumbed Cylinder**

**Front View**

**Upper View**

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**Cylinders**

<table>
<thead>
<tr>
<th>Cylinder Material</th>
<th>Insulation</th>
<th>GWP of Insulation</th>
<th>Insulation Thickness (mm)</th>
<th>Minimum Height (mm)</th>
<th>Overall Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel</td>
<td>Stainless Steel</td>
<td>3.1</td>
<td>50</td>
<td>1050</td>
<td>1083</td>
</tr>
</tbody>
</table>

**Electrical Data**

- **Control Board**: Single
- **Control Panel**: Single
- **Fuse Rating**: 3 A
- **Max Running Current (A)**: 13 A
- **Freeze Rating - MCB Sizes (A)**: 16 A

**MECHANICAL ZONES**

- **UNI and 1 Heating Zone**

**OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER**

- **Wi-Fi adapter**
- **THW5A sensor pocket**
- **Hot water outlet connection**
- **Cold water inlet connection**
- **Heating circuit return connection**
- **Heating circuit flow connection**
- **Heat pump return connection**
- **Heat pump flow connection**

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**Front View**

**Upper View**

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**Notes**

- 1 MCB Sizes BS EN60898-2 & BS EN60947-2
- Optional 2 zone accessory pack available

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**Key to Pipe Connections**

- **Letter**
  - A: Overall Height
  - B: Heat pump flow connection
  - C: Tundish outlet connection
  - D: Heat pump return connection
  - E: Heating circuit flow connection
  - F: Heating circuit return connection
  - G: Cold water inlet connection
  - H: Hot water outlet connection
  - J: 120kVA sensor pocket
  - K: Wi-Fi adapter

- **Pipe Description**
  - 22mm OD copper
  - 22mm compression
  - 22mm OD copper
  - 22mm OD copper
  - 22mm OD copper
  - 22mm OD copper
  - 22mm compression
  - 3/4" BSP M

- **Connection size/pipe**
  - 22mm compression / 3/4" BSP M

**Piping Scheme**

- **Capacity**
  - A: 1511
  - B: 1043
  - C: 903
  - D: 640
  - E: 246
  - F: 101
  - J: 945
  - K: 1117

**All dimensions (mm)**

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**Company Information**

- **Mitsubishi Electric Living Environmental Systems UK**
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- **Mitsubishi Electric Living Environmental Systems UK**

**Contact Information**

- **Telephone**: 01707 282880
- **Fax**: 01707 278881
- **Email**: heating@mseu.mee.co.uk
- **Website**: heating.mitsubishielectric.co.uk