HM PRO 4-7m 130mm

Heating Circulating Pump

www.heatmerchants.ie
**GENERAL DESCRIPTION**

Based on the design of a traditional heating pump, we have gone back to basics and produced an all round solution for all domestic heating applications including replacement of old style fixed speed traditional pumps.

The HM PRO is fully compliant with the current ErP legislation for high efficiency products.

The HM PRO is one single model that replaces all current and historical domestic heating pumps in one solution. This is possible using our clever electronics and variable speed technology.

Dimensionally the same as a traditional pump and features the return of a brass air bleeding plug, heavily requested by installers. We believe the HM PRO pump is the one perfect solution needed for domestic heating systems.

**TECHNICAL FEATURES**

The HM PRO technical features include:

- One model to replace all 4, 5 and 6 Metre head pumps
- Set it to traditional 3 fixed speed operation or 6 variable speed options (setting itself to system requirements)
- Simple one button selection and operation
- Design and dimensions finished to traditional style pumps
- Air venting brass plug to degass trapped air in the motor
- Quick coupling electrical connection
- Two positions for cable entry gland, top or bottom
- Compliant to Erp product legislation

**PERFORMANCE**

Maximum Flow: 50 Litres/Minute

Maximum working head: 6.5 Metres

Maximum closed valve head: 6.9 Metres

**CONSTRUCTION CHARACTERISTICS**

Cast iron pump body and wet rotor motor. Motor casing in die-cast aluminium. Technopolymer impeller. Ceramic motor shaft mounted on graphite bushes, lubricated by the pumped liquid. Stainless steel rotor jacket, stator jacket and closing flange. Ceramic thrust ring. EPDM seal rings and brass breather plug.

Thanks to the internal protection of the motor, the pump does not require any form of overload protection.

**DIMENSIONS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>L</th>
<th>L1</th>
<th>L2</th>
<th>B</th>
<th>B1</th>
<th>B2</th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>F</th>
<th>PACK DIMENSIONS</th>
<th>VOLUME</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>HM PRO 4-7m 130mm</td>
<td>130</td>
<td>93</td>
<td>59</td>
<td>102.3</td>
<td>76.5</td>
<td>26</td>
<td>124</td>
<td>73.5</td>
<td>50.5</td>
<td>1 ½”</td>
<td>135</td>
<td>135</td>
<td>150</td>
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**COMPARISON GUIDE**

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<tr>
<th></th>
<th>Grundfos</th>
<th>Wilo</th>
<th>Circulating Pumps (CPU)</th>
<th>Xylem Lowara</th>
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<tbody>
<tr>
<td>HM PRO 4-7M 130mm</td>
<td>UPS 2 15-50/60</td>
<td>STRATOS PICO 25-1</td>
<td>ECO CIRC 25-4/130</td>
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<td>ALPHA 2L 15/50</td>
<td>YONOS PICO 25-1</td>
<td>CP 60</td>
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<td></td>
<td>UPS 15/50</td>
<td>SMART A</td>
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<tr>
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<td>UPS 15/60</td>
<td>SMART B</td>
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