TECHNICAL PRODUCT SUBMITTAL

Herald Gas fired condensing boilers
Key features Include:

- Smart system controls
- Stainless Steel heat exchanger
- 11 bar maximum working pressure

<table>
<thead>
<tr>
<th>Model</th>
<th>HCB 146</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Input (net), kW</td>
<td>132</td>
</tr>
<tr>
<td>Nominal Input (gross), kW</td>
<td>146.5</td>
</tr>
<tr>
<td>Gas Flow Rate (natural gas), m³/hr</td>
<td>14</td>
</tr>
<tr>
<td>Output @50/30°C, kW</td>
<td>141.2</td>
</tr>
<tr>
<td>Output @80/60°C, kW</td>
<td>131.3</td>
</tr>
</tbody>
</table>

EFFICIENCY DATA-Part L2

- Seasonal Efficiency (According EN15502) Gross, % | 94     |

EFFICIENCY DATA-ErP and Energy Label

- Ecodesign Energy Label rating, % | n/a   |
- Seasonal space heating energy efficiency, % | 94     |

GENERAL DATA

- NOx emission @0% O2 According to EN15502, mg/kWh | 40     |
- Dimensions (height), mm | 1080    |
- Dimensions (width), mm | 395    |
- Dimensions (depth), mm | 798    |
- Water Content, litres | 15.9    |
- Weight (empty), kg | 138    |
- Weight (full), kg | 154    |
- Flow Connection (inches), BSP | 2     |
- Return Connection (inches), BSP | 2     |
- Gas Connection (inches), BSP | 1     |

| Electrical Requirements, W | Power Consumption | 204    |
|                           | Sound Power Level, LWA(db) | 66     |
|                           | Maximum Flue Gas Temperature, °C | 120    |
|                           | Max Flow Temperature, °C | 88     |
|                           | Working Pressure Minimum, bar | 0.5    |
|                           | Working Pressure Maximum, bar | 11     |

Herald_TPS_August 2019

Installation and Maintenance Information
Herald Boilers must be installed and maintained in line with Installation Commissioning and Maintenance (ICM) Instructions which are available on the Literature & Downloads section of www.lochinvar.ltd.uk

Please refer to the ICM for information on:
- Dimensions and clearances – page 10 and 11
- Water Quality – page 13
- Flue System – page 16 to 38

ErP and Warranty
ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at www.lochinvar.ltd.uk