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 46</th>
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Nominal Input (net) kW | 39.6 |
Nominal Input (gross) kW | 44   |
Gas Flow Rate (natural gas) m3/hr | 4.2 |
Output @50/30°C kW | 41.2 |
Output @80/60°C kW | 38.5 |

EFFICIENCY DATA-Part L2
Seasonal Efficiency (According EN15502) Gross % | 95 |

EFFICIENCY DATA-ErP and Energy Label
Ecodesign Energy Label rating | A |
Seasonal space heating energy efficiency % | 95 |

GENERAL DATA
NOx emission @0% O2 According to EN15502 mg/kWh | 38.1 |
Dimensions (height) mm | 840 |
Dimensions (width) mm | 395 |
Dimensions (depth) mm | 459 |
Water Content litres | 4.9 |
Weight (empty) kg | 75 |
Weight (full) kg | 80 |
Flow Connection (inches) BSP | 1¼ |
Return Connection (inches) BSP | 1¼ |
Gas Connection (inches) BSP | % |
Electrical Requirements 230V /1Ph/ 50hz | 120 |
Power Consumption W | 58 |
Sound Power Level LWA(db) | 120 |
Maximum Flue Gas Temperature °C | 88 |
Max Flow Temperature °C | 58 |
Working Pressure Minimum bar | 0.5 |
Working Pressure Maximum bar | 11 |

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