EcoSword gas fired condensing water heaters

Key features Include:
- On board controls
- Enamel lined storage vessel
- Factory fitted Correx

<table>
<thead>
<tr>
<th>Model</th>
<th>LGC 285-560 CE</th>
<th>kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Input (net)</td>
<td>29.3</td>
<td></td>
</tr>
<tr>
<td>Nominal Input (gross)</td>
<td>32.2</td>
<td></td>
</tr>
<tr>
<td>Gas Flow Rate (natural gas)</td>
<td>3.07</td>
<td></td>
</tr>
<tr>
<td>Nominal Output</td>
<td>31.0</td>
<td></td>
</tr>
</tbody>
</table>

EFFICIENCY DATA-Building Regulations
- Seasonal Efficiency (Part L2 Gross CV) % 96.4
- Maintenance Consumption value MJ/M 325.9

EFFICIENCY DATA-ErP and Energy Label
- Ecodesign Energy Label rating A
- Water Heater efficiency % 90

GENERAL DATA
- NOx emission @0% O2 mg/kWh 37
- Recovery Rate @ 44°C l/hr 614
- Recovery Rate @ 50°C l/hr 540
- Recovery Rate @ 56°C l/hr 482
- Dimensions (height) mm 1743
- Dimensions (diameter) mm 610
- Dimensions (depth) mm 810
- Storage Capacity litres 291
- Weight (empty) kg 136
- Weight (full) kg 427
- Insulation Thickness mm 50
- Insulation Material Polyurethane
- Hot Outlet Connection (inches) BSP (Female) 1”
- Cold Feed Connection (inches) BSP (Female) 1”
- Gas Connection (mm) CU (Male) 15
- Condense Connection (mm) OD (Female) 40
- Electrical Requirements 230V/1Ph/50hz
- Power Consumption W 105
- Sound Power Level LWA(db) 58
- Maximum Flue Gas Temperature °C 65
- Max Outlet Temperature °C 85
- Maximum Working Pressure bar 8

EcoSword water heaters must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of www.lochinvar.ltd.uk

Particular attention should be made to:
- Dimensions and clearances page 38/80
- Vented and Unvented installation requirements page 39/40
- Maintenance page 61

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