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 160-210 CE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Input (net) kW</td>
<td>11</td>
</tr>
<tr>
<td>Nominal Input (gross) kW</td>
<td>12.1</td>
</tr>
<tr>
<td>Gas Flow Rate (natural gas) m3/hr</td>
<td>1.2</td>
</tr>
<tr>
<td>Nominal Output kW</td>
<td>11.7</td>
</tr>
</tbody>
</table>

**EFFICIENCY DATA-Building Regulations**
- Seasonal Efficiency (Part L2 Gross CV) % | 96.4 |
- Maintenance Consumption value MJ/M | 236.5 |

**EFFICIENCY DATA-ErP and Energy Label**
- Ecodesign Energy Label rating | A |
- Water Heater efficiency % | 92 |

**GENERAL DATA**
- NOx emission @0% O2 mg/kWh | 22 |
- Recovery Rate @ 44°C l/hr | 239 |
- Recovery Rate @ 50°C l/hr | 210 |
- Recovery Rate @ 56°C l/hr | 188 |
- Dimensions (height) mm | 1269 |
- Dimensions (diameter) mm | 560 |
- Dimensions (depth) mm | 760 |
- Storage Capacity litres | 163 |
- Weight (empty) kg | 95 |
- Weight (full) kg | 258 |
- Insulation Thickness mm | 50 |
- Insulation Material | Polyurethane |
- Hot Outlet Connection (inches) BSP (Female) | ¾" |
- Cold Feed Connection (inches) BSP (Female) | ¾" |
- Gas Connection (mm) CU (Male) | 15 |
- Condense Connection (mm) OD (Female) | 40 |
- Electrical Requirements 230V /1Ph/ 50hz | |
- Power Consumption W | 85 |
- Sound Power Level LWA(db) | 52 |
- Maximum Flue Gas Temperature °C | 61 |
- 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