## TECHNICAL PRODUCT SUBMITTAL

## EcoCharger Hybrid gas fired/solar condensing water heaters

| Key features Include: |  | Model |
| :---: | :---: | :---: |
| - On board Solar controls |  |  |
| - Enamel lined storage vessel |  |  |
| - Factory fitted Correx |  | HWHC63-370GCE |
| Nominal Input (net) | kW | 58 |
| Nominal Input (gross) | kW | 64.4 |
| Gas Flow Rate (natural gas) | $\mathrm{m} 3 / \mathrm{hr}$ | 6.0 |
| Nominal Output | kW | 61.5 |
| EFFICIENCY DATA-Part L2 |  |  |
| Seasonal Efficiency (Part L2 Gross CV) | \% | 96 |
| EFFICIENCY DATA-ErP and Energy Label |  |  |
| Ecodesign Energy Label rating |  | A |
| Water Heater efficiency | \% | 92 |
| GENERAL DATA |  |  |
| NOx emission @0\% O2 | $\mathrm{mg} / \mathrm{kWh}$ | 31 |
| Recovery Rate @ $44^{\circ} \mathrm{C}$ | 1/hr | 1200 |
| Recovery Rate @ $50^{\circ} \mathrm{C}$ | 1/hr | 1100 |
| Recovery Rate @ $56^{\circ} \mathrm{C}$ | 1/hr | 930 |
| Dimensions (height ) | mm | 2055 |
| Dimensions (diameter) | mm | 705 |
| Storage Capacity | litres | 377 |
| Weight (empty) | kg | 245 |
| Weight (full) | kg | 622 |
| Insulation Thickness | mm | 50 |
| Insulation Material |  | Polyurethane |
| Hot Outlet Connection (inches) | BSP | R11⁄2 |
| Cold Feed Connection (inches) | BSP | R11/2 |
| Coil Connections | BSP | Rp1" |
| Gas Connection (inches) | BSP | R3/4 |
| Electrical Requirements |  | 230V/1Ph/ 50hz |
| Power Consumption | W | 120 |
| Sound Power Level | LWA(db) | 59 |
| Maximum Flue Gas Temperature | ${ }^{\circ} \mathrm{C}$ | 60 |
| Max Outlet Temperature | ${ }^{\circ} \mathrm{C}$ | 80 |
| Maximum Working Pressure | bar | 8.0 |

EcoCharger Hybrid 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.Itd.uk

Particular attention should be made to:-

- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance
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## ErP and Warranty

