

## EcoCharger Hybrid gas fired/solar condensing water heaters

### Key features Include:

- On board solar controls
- Enamel lined storage vessel
- Factory fitted Correx

|   |         | <b>Model</b>        |
|---|---------|---------------------|
|   |         | <b>HWH33-370GCE</b> |
| Nominal Input (net)                         | kW      | 30.5                |
| Nominal Input (gross)                       | kW      | 33.9                |
| Gas Flow Rate (natural gas)                 | m3/hr   | 3.2                 |
| Nominal Output                              | kW      | 33.3                |
| <b>EFFICIENCY DATA-Part L2</b>              |         |                     |
| Seasonal Efficiency (Part L2 Gross CV)      | %       | 98                  |
| <b>EFFICIENCY DATA-ErP and Energy Label</b> |         |                     |
| Ecodesign Energy Label rating               |         | A                   |
| Water Heater efficiency                     | %       | 91                  |
| <b>GENERAL DATA</b>                         |         |                     |
| NOx emission @0% O2                         | mg/kWh  | 32                  |
| Recovery Rate @ 44°C                        | l/hr    | 640                 |
| Recovery Rate @ 50°C                        | l/hr    | 570                 |
| Recovery Rate @ 56°C                        | l/hr    | 510                 |
| Dimensions (height )                        | mm      | 2005                |
| Dimensions (diameter)                       | mm      | 705                 |
| Storage Capacity                            | litres  | 374                 |
| Weight (empty)                              | kg      | 214                 |
| Weight (full)                               | kg      | 588                 |
| Insulation Thickness                        | mm      | 50                  |
| Insulation Material                         |         | Polyurethane        |
| Hot Outlet Connection (inches)              | BSP     | R1½                 |
| Cold Feed Connection (inches)               | BSP     | R1½                 |
| Gas Connection (inches)                     | BSP     | R¾                  |
| Electrical Requirements                     |         | 230V /1Ph/ 50hz     |
| Power Consumption                           | W       | 45                  |
| Sound Power Level                           | LWA(db) | 47                  |
| Maximum Flue Gas Temperature                | °C      | 50                  |
| Max Outlet Temperature                      | °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.ltd.uk](http://www.lochinvar.ltd.uk)

Particular attention should be made to:-

- Dimensions and clearances page 22- 25
- Vented and Unvented installation requirements page 28&29
- maintenance page 99

### **ErP and Warranty**

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)