

## EcoKnight gas fired condensing water heaters

### Key features include:

- Smart system controls
- Stainless Steel heat exchanger
- 11 bar maximum working pressure

### Model

### EKW 61CE

|  |                    |                 |
|--|--------------------|-----------------|
| Nominal Input (net)                                  | kW                 | 55.4            |
| Nominal Input (gross)                                | kW                 | 61.5            |
| Gas Flow Rate (natural gas)                          | m <sup>3</sup> /hr | 5.9             |
| Nominal Output                                       | kW                 | 59              |
| <b>EFFICIENCY DATA-Part L2</b>                       |                    |                 |
| Seasonal Efficiency (Part L2 Gross CV)               | %                  | 95.9            |
| <b>EFFICIENCY DATA-ErP and Energy Label</b>          |                    |                 |
| Ecodesign Energy Label rating                        |                    | A               |
| Seasonal space heating energy efficiency             | %                  | 94              |
| <b>GENERAL DATA</b>                                  |                    |                 |
| NOx emission @0% O <sub>2</sub> According to EN15502 | mg/kWh             | 27.3            |
| Recovery Rate @ 44°C                                 | l/hr               | 1153            |
| Recovery Rate @ 50°C                                 | l/hr               | 1014            |
| Recovery Rate @ 56°C                                 | l/hr               | 906             |
| Dimensions (height)                                  | mm                 | 845             |
| Dimensions (width)                                   | mm                 | 394             |
| Dimensions (depth)                                   | mm                 | 565             |
| Water Content  | litres             | 6.4             |
| Weight (empty)                                       | kg                 | 79              |
| Weight (full)  | kg                 | 85              |
| Flow Connection (inches)                             | BSP                | 1¼              |
| Return Connection (inches)                           | BSP                | 1¼              |
| Gas Connection (inches)                              | BSP                | ½               |
| Electrical Requirements                              |                    | 230V /1Ph/ 50hz |
| Power Consumption                                    | W                  | 144             |
| Sound Power Level                                    | LWA(db)            | 60              |
| Maximum Flue Gas Temperature                         | °C                 | 120             |
| Max Outlet Temperature                               | °C                 | 80              |
| Working Pressure Maximum                             | bar                | 11              |

EcoKnight™ **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 10
- Vented and Unvented installation requirements page 40
- Water quality page 13

### 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)