

EcoKnight gas fired condensing water heaters

Key features include:

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

Model

EKW 146CE

| | | |
|--|--------------------|-----------------|
| Nominal Input (net) | kW | 132 |
| Nominal Input (gross) | kW | 146.5 |
| Gas Flow Rate (natural gas) | m ³ /hr | 14 |
| Nominal Output | kW | 141.6 |
| EFFICIENCY DATA-Part L2 | | |
| Seasonal Efficiency (Part L2 Gross CV) | % | 96.7 |
| EFFICIENCY DATA-ErP and Energy Label | | |
| Ecodesign Energy Label rating | | n/a |
| Seasonal space heating energy efficiency | % | 94 |
| GENERAL DATA | | |
| NOx emission @0% O ₂ According to EN15502 | mg/kWh | 38 |
| Recovery Rate @ 44°C | l/hr | 2768 |
| Recovery Rate @ 50°C | l/hr | 2436 |
| Recovery Rate @ 56°C | l/hr | 2175 |
| Dimensions (height) | mm | 1080 |
| Dimensions (width) | mm | 394 |
| Dimensions (depth) | mm | 794 |
| Water Content | litres | 15.9 |
| Weight (empty) | kg | 138 |
| Weight (full) | kg | 154 |
| Flow Connection (inches) | BSP | 2 |
| Return Connection (inches) | BSP | 2 |
| Gas Connection (inches) | BSP | 1 |
| Electrical Requirements | | 230V /1Ph/ 50hz |
| Power Consumption | W | 204 |
| Sound Power Level | LWA(db) | 66 |
| 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

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