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

<table>
<thead>
<tr>
<th>Model</th>
<th>EKW 146CE</th>
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</table>

### Key features include:
- Smart system controls
- Stainless Steel heat exchanger
- 11 bar maximum working pressure

#### Nominal Input (net)
- kW: 132

#### Nominal Input (gross)
- kW: 146.5

#### Gas Flow Rate (natural gas)
- m3/hr: 14

#### Nominal Output
- kW: 141.2

#### EFFICIENCY DATA - Part L2
- Seasonal Efficiency (Part L2 Gross CV) %: 96.4

#### EFFICIENCY DATA - ErP and Energy Label
- Ecodesign Energy Label rating: n/a
- Seasonal space heating energy efficiency %: 94

### GENERAL DATA

#### NOx emission @0% O2 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: 395

#### Dimensions (depth)
- mm: 798

#### 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: 88

#### Working Pressure Maximum
- bar: 11