

EcoKnight gas fired condensing water heaters

Key features include:

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

Model

EKW 86CE

Nominal Input (net)	kW	75.2
Nominal Input (gross)	kW	83.5
Gas Flow Rate (natural gas)	m ³ /hr	8
Nominal Output	kW	80.2
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	96.0
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	33.1
Recovery Rate @ 44°C	l/hr	1567
Recovery Rate @ 50°C	l/hr	1379
Recovery Rate @ 56°C	l/hr	1231
Dimensions (height)	mm	1080
Dimensions (width)	mm	394
Dimensions (depth)	mm	502
Water Content	litres	9.1
Weight (empty)	kg	102
Weight (full)	kg	111
Flow Connection (inches)	BSP	2
Return Connection (inches)	BSP	2
Gas Connection (inches)	BSP	¾
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	180
Sound Power Level	LWA(db)	62
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