

EcoKnight gas fired condensing water heaters

Key features include:

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

Model

EKW 46CE

Nominal Input (net)	kW	39.6
Nominal Input (gross)	kW	44
Gas Flow Rate (natural gas)	m ³ /hr	4.2
Nominal Output	kW	41.2
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	93.7
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		A
Seasonal space heating energy efficiency	%	95
GENERAL DATA		
NOx emission @0% O ₂ According to EN15502	mg/kWh	33
Recovery Rate @ 44°C	l/hr	806
Recovery Rate @ 50°C	l/hr	709
Recovery Rate @ 56°C	l/hr	633
Dimensions (height)	mm	845
Dimensions (width)	mm	394
Dimensions (depth)	mm	457
Water Content	litres	4.9
Weight (empty)	kg	75
Weight (full)	kg	80
Flow Connection (inches)	BSP	1¼
Return Connection (inches)	BSP	1¼
Gas Connection (inches)	BSP	½
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	120
Sound Power Level	LWA(db)	58
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