

EcoKnight gas fired condensing water heaters

Key features include:

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

Model

EKW 116CE

Nominal Input (net)	kW	105.3
Nominal Input (gross)	kW	116.9
Gas Flow Rate (natural gas)	m ³ /hr	11.1
Nominal Output	kW	110.7
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	94.7
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		n/a
Seasonal space heating energy efficiency	%	93
GENERAL DATA		
NOx emission @0% O ₂ According to EN15502	mg/kWh	40
Recovery Rate @ 44°C	l/hr	2164
Recovery Rate @ 50°C	l/hr	1904
Recovery Rate @ 56°C	l/hr	1700
Dimensions (height)	mm	1080
Dimensions (width)	mm	394
Dimensions (depth)	mm	686
Water Content	litres	12.9
Weight (empty)	kg	129
Weight (full)	kg	142
Flow Connection (inches)	BSP	2
Return Connection (inches)	BSP	2
Gas Connection (inches)	BSP	1
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	180
Sound Power Level	LWA(db)	64
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