TECHNICAL PRODUCT SUBMITTAL

EcoKnight gas fired condensing water heaters
Key features include:

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

		Model
		EKW 176CE
Nominal Input (net)	kW	158.4
Nominal Input (gross)	kW	175.8
Gas Flow Rate (natural gas)	m3/hr	16.8
Nominal Output	kW	162.1
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	92.2
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		n/a
Seasonal space heating energy efficiency	%	95
GENERAL DATA		
NOx emission @0% O2 According to EN15502	mg/kWh	37
Recovery Rate @ 44°C	l/hr	3302
Recovery Rate @ 50°C	l/hr	2905
Recovery Rate @ 56°C	l/hr	2595
Dimensions (height)	mm	1080
Dimensions (width)	mm	395
Dimensions (depth)	mm	925
Water Content	litres	15.9
Weight (empty)	kg	154
Weight (full)	kg	170
Flow Connection (inches)	BSP	2
Return Connection (inches)	BSP	2
Gas Connection (inches)	BSP	1
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	322
Sound Power Level	LWA(db)	69
Maximum Flue Gas Temperature	°C	120
Max Outlet Temperature	°C	88
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