

# TECHNICAL PRODUCT SUBMITTAL



## Knight Low NOx gas fired ultra-low NOx water heaters

### Model LGL85GCE

Nominal Input (net)	kW	18.9
Nominal Input (gross)	kW	21
Gas Flow Rate (natural gas)	m3/hr	1.2
Nominal Output	kW	16.6
<b>EFFICIENCY DATA-Part L2</b>		
Seasonal Efficiency (Part L2 Gross CV)	%	79
<b>EFFICIENCY DATA-ErP and Energy Label</b>		
Ecodesign Energy Label rating		B
Water Heater efficiency	%	58
<b>GENERAL DATA</b>		
NOx emission @0% O2	mg/kWh	30
Recovery Rate @ 44°C	l/hr	330
Recovery Rate @ 50°C	l/hr	290
Recovery Rate @ 56°C	l/hr	258
Dimensions (height )	mm	1780
Dimensions (diameter)	mm	795
Storage Capacity	litres	365
Weight (empty)	kg	151
Weight (full)	kg	509
Insulation Thickness	mm	50
Insulation Material		Polyurethane
Hot Outlet Connection (inches)	NPT	1¼
Cold Feed Connection (inches)	NPT	1¼
Gas Connection (inches)	BSP	½
Electrical Requirements		n/a
Power Consumption	W	n/a
Sound Power Level	LWA(db)	55
Maximum Flue Gas Temperature	°C	125
Max Outlet Temperature	°C	80
Maximum Working Pressure	bar	8.0

**Knight Low NOx 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](http://www.lochinvar.ltd.uk)

Particular attention should be made to:-

- Dimensions and clearances page
- Vented and Unvented installation requirements page
- maintenance page

#### **ErP and Warranty**

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)