

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

### Model LGL30GCE

Nominal Input (net)	kW	8.6
Nominal Input (gross)	kW	9.6
Gas Flow Rate (natural gas)	m <sup>3</sup> /hr	0.9
Nominal Output	kW	7.6
<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	%	62
<b>GENERAL DATA</b>		
NOx emission @0% O <sub>2</sub>	mg/kWh	35
Recovery Rate @ 44°C	l/hr	150
Recovery Rate @ 50°C	l/hr	140
Recovery Rate @ 56°C	l/hr	117
Dimensions (height )	mm	1635
Dimensions (diameter)	mm	495
Storage Capacity	litres	110
Weight (empty)	kg	48.5
Weight (full)	kg	156.5
Insulation Thickness	mm	50
Insulation Material		Polyurethane
Hot Outlet Connection (inches)	NPT	¾
Cold Feed Connection (inches)	NPT	¾
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	122
Max Outlet Temperature	°C	70
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
- Vented and Unvented installation requirements
- maintenance

#### **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)