

# TECHNICAL PRODUCT SUBMITTAL



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

### Model LGL75GCE

Nominal Input (net)	kW	19.9
Nominal Input (gross)	kW	22.1
Gas Flow Rate (natural gas)	m3/hr	1.3
Nominal Output	kW	16.8
<b>EFFICIENCY DATA-Part L2</b>		
Seasonal Efficiency (Part L2 Gross CV)	%	76
<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	22
Recovery Rate @ 44°C	l/hr	330
Recovery Rate @ 50°C	l/hr	290
Recovery Rate @ 56°C	l/hr	258
Dimensions (height )	mm	1595
Dimensions (diameter)	mm	735
Storage Capacity	litres	273
Weight (empty)	kg	124
Weight (full)	kg	392
Insulation Thickness	mm	50
Insulation Material		Polyurethane
Hot Outlet Connection (inches)	NPT	1
Cold Feed Connection (inches)	NPT	1
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	142
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
- 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)