

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
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	79
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		B
Water Heater efficiency	%	58
GENERAL DATA		
NOx emission @0% O2	mg/kWh	30
Recovery Rate @ 44°C	l/hr	255
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	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	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

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