

TECHNICAL PRODUCT SUBMITTAL



Knight Low NOx gas fired ultra-low NOx water heaters

Model LGL40GCE

Nominal Input (net)	kW	10.1
Nominal Input (gross)	kW	11.2
Gas Flow Rate (natural gas)	m3/hr	1.1
Nominal Output	kW	8.6
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	77
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		B
Water Heater efficiency	%	65
GENERAL DATA		
NOx emission @0% O2	mg/kWh	48
Recovery Rate @ 44°C	l/hr	170
Recovery Rate @ 50°C	l/hr	150
Recovery Rate @ 56°C	l/hr	137
Dimensions (height)	mm	1380
Dimensions (diameter)	mm	650
Storage Capacity	litres	147
Weight (empty)	kg	55.5
Weight (full)	kg	199.5
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	188
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

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