

# TECHNICAL PRODUCT SUBMITTAL



## Technical Specifications CHL 275 GCE

Nominal Input (net)	kW	54
Nominal Input (gross)	kW	60
Gas Flow Rate (natural gas)	m3/hr	5.7
Nominal Output	kW	49.1
<b>EFFICIENCY DATA-Part L2</b>		
Seasonal Efficiency (Part L2 Gross CV)	%	82
Maintenance Consumption value	MJ/M	728.4
Maintenance Consumption value	kWh/24 Hr	6.7
<b>EFFICIENCY DATA-ErP and Energy Label</b>		
Ecodesign Energy Label rating		B
Water Heater efficiency	%	66
<b>GENERAL DATA</b>		
NOx emission @0% O2	mg/kWh	45
Recovery Rate @ 44°C	l/hr	960
Recovery Rate @ 50°C	l/hr	844
Recovery Rate @ 56°C	l/hr	754
Dimension A standard unit (A)	mm	1760
Dimension A with alternative draft diverter type 1 (A)	mm	1695
Dimension A with alternative draft diverter type 2 (A)	mm	1750
Dimensions (diameter)	mm	705
Dimensions (depth)	mm	960
Hot Outlet Connection (Inches)	BSP	R 1½
Cold Feed Connection (Inches)	BSP	R 1½
Gas Connection (Inches)	BSP	Rp ¾
Flue Connection G standard unit	mm	150
Flue Connection G with alternative draft diverter type 1	mm	150
Flue Connection G with alternative draft diverter type 2	mm	150
Storage Capacity	litres	294
Weight (empty)	kg	233
Weight (full)	kg	521
Insulation Thickness	mm	30
Insulation Material		Polyurethane
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption (Peak)	W	110
Sound Power Level	LWA(db)	64
Maximum Flue Gas Temperature	°C	161
Max Outlet Temperature	°C	80
Maximum Working Pressure	bar	8

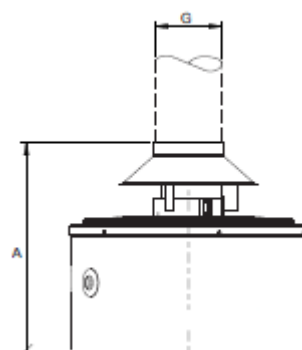
**Charger Low NOx water heaters** must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

Particular attention should be made to:-

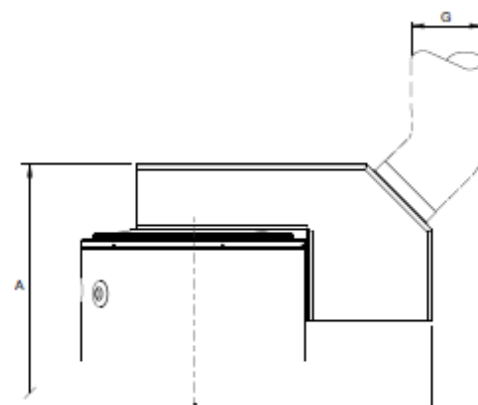
- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

### ErP and Warranty

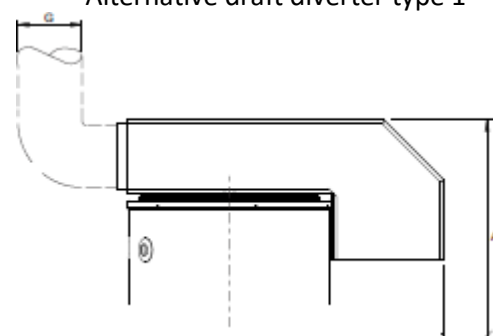
ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)



Standard draft diverter



Alternative draft diverter type 1



Alternative draft diverter type 2