

TECHNICAL PRODUCT SUBMITTAL



Technical Specifications CHL 550 GCE

Nominal Input (net)	kW	93
Nominal Input (gross)	kW	103.3
Gas Flow Rate (natural gas)	m3/hr	9.8
Nominal Output	kW	84.4
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	82
Maintenance Consumption value	MJ/M	769.8
Maintenance Consumption value	kWh/24 Hr	7.1
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		N/A
Water Heater efficiency	%	71
GENERAL DATA		
NOx emission @0% O2	mg/kWh	40
Recovery Rate @ 44°C	l/hr	1651
Recovery Rate @ 50°C	l/hr	1453
Recovery Rate @ 56°C	l/hr	1297
Dimension A standard unit (A)	mm	1965
Dimension A with alternative draft diverter type 1 (A)	mm	1950
Dimension A with alternative draft diverter type 2 (A)	mm	2000
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	200*
Flue Connection G with alternative draft diverter type 1	mm	225*
Flue Connection G with alternative draft diverter type 2	mm	225*
Storage Capacity	litres	328
Weight (empty)	kg	288
Weight (full)	kg	609
Insulation Thickness	mm	30
Insulation Material		Polyurethane
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption (Peak)	W	130
Sound Power Level	LWA(db)	70
Maximum Flue Gas Temperature	°C	125
Max Outlet Temperature	°C	80
Maximum Working Pressure	bar	8

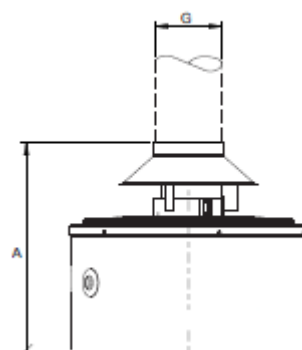
Charger Low NOx water heaters must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of www.lochinvar.ltd.uk

Particular attention should be made to:-

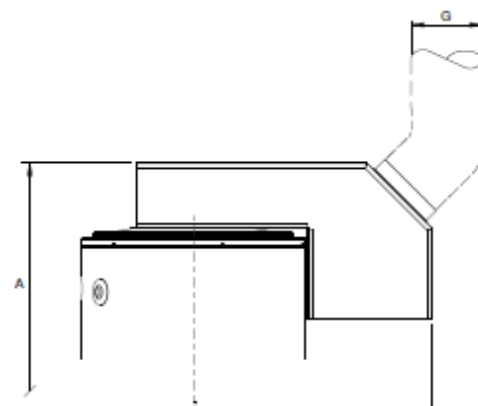
- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

ErP and Warranty

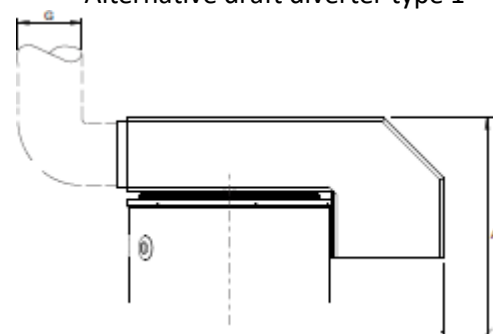
ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at www.lochinvar.ltd.uk



Standard draft diverter



Alternative draft diverter type 1



Alternative draft diverter type 2

*Flue adaptor is available to increase flue diameter to 250mm.