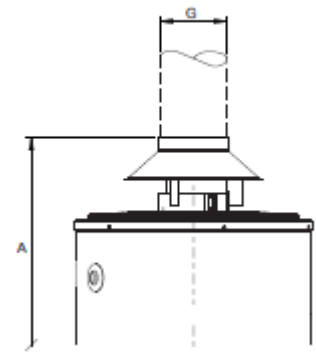
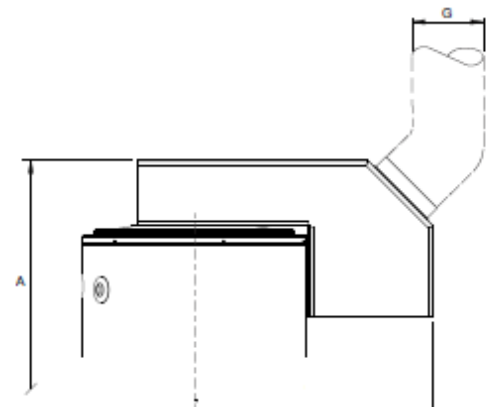


## Technical Specifications CHL 550 GCE

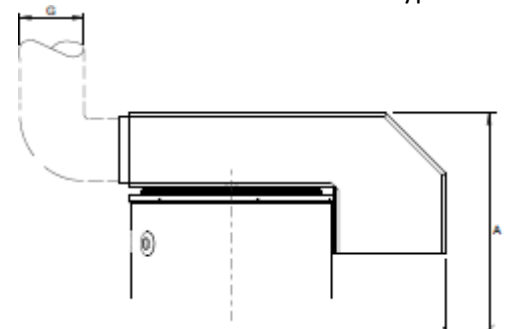
Nominal Input (net)	kW	93
Nominal Input (gross)	kW	103.3
Gas Flow Rate (natural gas)	m3/hr	9.8
Nominal Output	kW	84.4
<b>EFFICIENCY DATA-Part L2</b>		
Seasonal Efficiency (Part L2 Gross CV)	%	82
Maintenance Consumption value	MJ/M	769.8
Maintenance Consumption value	kWh/24 Hr	7.1
<b>EFFICIENCY DATA-ErP and Energy Label</b>		
Ecodesign Energy Label rating		N/A
Water Heater efficiency	%	71
<b>GENERAL DATA</b>		
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	308
Weight (full)	kg	630
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



Standard draft diverter



Alternative draft diverter type 1



Alternative draft diverter type 2

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

**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)