

## EcoSword gas fired condensing water heaters

### Key features Include:

- On board controls
- Enamel lined storage vessel
- Factory fitted Correx

		<b>Model</b>
		<b>LGC 285-420 CE</b>
Nominal Input (net)	kW	22.2
Nominal Input (gross)	kW	24.4
Gas Flow Rate (natural gas)	m3/hr	2.33
Nominal Output	kW	23.8
<b>EFFICIENCY DATA-Building Regulations</b>		
Seasonal Efficiency (Part L2 Gross CV)	%	97.3
Maintenance Consumption value	MJ/M	325.9
<b>EFFICIENCY DATA-ErP and Energy Label</b>		
Ecodesign Energy Label rating		A
Water Heater efficiency	%	91
<b>GENERAL DATA</b>		
NOx emission @0% O2	mg/kWh	33
Recovery Rate @ 44°C	l/hr	466
Recovery Rate @ 50°C	l/hr	410
Recovery Rate @ 56°C	l/hr	366
Dimensions (height )	mm	1743
Dimensions (diameter)	mm	610
Dimensions (depth)	mm	810
Storage Capacity	litres	291
Weight (empty)	kg	136
Weight (full)	kg	427
Insulation Thickness	mm	50
Insulation Material		Polyurethane
Hot Outlet Connection (inches)	BSP (Female)	1"
Cold Feed Connection (inches)	BSP (Female)	1"
Gas Connection (mm)	CU (Male)	15
Condense Connection (mm)	OD (Female)	40
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	105
Sound Power Level	LWA(db)	53
Maximum Flue Gas Temperature	°C	57
Max Outlet Temperature	°C	85
Maximum Working Pressure	bar	8

**EcoSword 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 page 38/80
- Vented and Unvented installation requirements page 39/40
- maintenance page 61

### 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)