

EcoSword gas fired condensing water heaters

Key features Include:

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

		Model
		LGC 285-560 CE
Nominal Input (net)	kW	29.3
Nominal Input (gross)	kW	32.2
Gas Flow Rate (natural gas)	m3/hr	3.07
Nominal Output	kW	31.0
EFFICIENCY DATA-Building Regulations		
Seasonal Efficiency (Part L2 Gross CV)	%	96.4
Maintenance Consumption value	MJ/M	325.9
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		A
Water Heater efficiency	%	90
GENERAL DATA		
NOx emission @0% O2	mg/kWh	37
Recovery Rate @ 44°C	l/hr	614
Recovery Rate @ 50°C	l/hr	540
Recovery Rate @ 56°C	l/hr	482
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)	58
Maximum Flue Gas Temperature	°C	65
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

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