

PRODUCT SPECIFICATION CLAUSE

LGC285-420CE ECOSWORD FLOOR STANDING GAS FIRED CONDENSING WATER HEATER

The **Water Heater** shall be a **Lochinvar EcoSword Model LGC285-420CE** complete with an integral storage vessel constructed of durable enamelled steel, and equipped with electronic ignition, ionisation flame monitoring and a fully modulating burner all controlled by a micro-processor. The mesh burner is designed to provide continuous modulation by controlling the gas/air ratio, and low emissions of NOx and CO₂. A standard Correx™ electrical anode protection system is built in to provide extra protection to the inner surface of the storage vessel.

Specifications shall be as follows:-

- Gross nominal input of 24.4kW (22.2kW net)
- CE Certified with a Part L2 Gross CV Efficiency of 97.3%
- NOx emissions of no more than 33mg/kWh at 0% O₂
- Capable of providing a 1ST hour peak supply of 720 litres with a continuous supply of 410 litres per hour at a 50°C temperature rise
- Ultra-quiet burner operation <53db
- 3 year warranty on the storage vessel

Flue Installation (delete as appropriate)

- Concentric balanced flue
- Parallel twin pipe balanced flue
- Conventional flue
- To be advised

In addition to the Part L, data above the Water Heater shall have an ErP rating as below:

Water heating energy efficiency – 91%

Energy Label Rating

A

Energy label, Product fiche and ErP Data tables are available at www.lochinvar.ltd.uk

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