PRODUCT SPECIFICATION CLAUSE

LGC160-210 ECOSWORD FLOOR STANDING GAS FIRED CONDENSING WATER HEATER

The Water Heater shall be a Lochinvar EcoSword Model LGC160-210CE 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 12.1kW (11kW net)
- CE Certified with a Part L2 Gross CV Efficiency of 96.4%
- NOx emissions of no more than 22mg/kWh at 0% O2
- Capable of providing a 1st hour peak supply of 310 litres with a continuous supply of 210 litres per hour at a 50°C temperature rise
- Ultra-quiet burner operation <41db
- 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 – 92%

Energy Label Rating

A

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

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