

PRODUCT SPECIFICATION CLAUSE

LGSS200-780 EcoSable FLOOR STANDING GAS FIRED CONDENSING WATER HEATER

The **Water Heater** shall be a **Lochinvar EcoSable Model LGSS200-780** complete with an integral storage vessel constructed of 316 Stainless Steel, and equipped with electronic ignition, ionisation flame monitoring and a fully modulating burner all controlled by a micro-processor. The burner is designed to provide continuous modulation by controlling the gas/air ratio, and low emissions of NOx and CO₂.

Specifications shall be as follows:-

- Fully Stainless Steel construction (heat exchanger and storage vessel)
- Gross nominal input of 50kW (45kW net)
- CE Certified with a Part L2 Gross CV Efficiency of 92.4%
- Storage losses of no more than 2.06kW/day
- NOx emissions of no more than 53mg/kWh at 0% O₂
- Capable of providing a 1st hour peak supply of 948 litres with a continuous supply of 800 litres per hour at a 50°C temperature rise
- Ultra-quiet burner operation <69db
- 2 year warranty on all parts except
- 5 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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