

## **PRODUCT SPECIFICATION CLAUSE**

### **LGSS200-600 EcoSable FLOOR STANDING GAS FIRED CONDENSING WATER HEATER**

The **Water Heater** shall be a **Lochinvar EcoSable Model LGSS200-600** 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 CO<sub>2</sub>.

Specifications shall be as follows:-

- Fully Stainless Steel construction (heat exchanger and storage vessel)
- Gross nominal input of 38.9kW (35kW net)
- CE Certified with a Part L2 Gross CV Efficiency of 92.2%
- Storage losses of no more than 2.06kW/day
- NOx emissions of no more than 53mg/kWh at 0% O<sub>2</sub>
- Capable of providing a 1<sup>st</sup> hour peak supply of 768 litres with a continuous supply of 620 litres per hour at a 50°C temperature rise
- Ultra-quiet burner operation <63db
- 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 – 93%**

Energy Label Rating

**A**

Energy label, Product fiche and ErP Data tables are available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

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