

## **PRODUCT SPECIFICATION CLAUSE**

### **LBF240GCE HIGH OUTPUT LBF GAS FIRED STORAGE WATER HEATER**

The **Water Heater** shall be a **Lochinvar HIGH OUTPUT LBF MODEL LBF240GCE**

The **Water Heater** shall have a gross nominal input of 83.3kW (75.1kW net) and a recovery of 1161 litres per hour at a 50°C temperature rise.

The **Water Heater** shall be CE Certified and operate at Part L2 Gross CV Efficiency of 81.0%.

The **Water Heater** shall have a room-sealed stainless steel burner assembly and a vitreous enamel lined steel storage vessel. The appliance shall incorporate a specially designed baffle suspended in the flue way which shall increase the heat transfer of the products of combustion by scrubbing the sides of the flue way. This shall maximise the amount of heat transferred from the flue gases to the water by means of convection and radiation. A thick polyurethane insulation layer covered in a steel outer casing shall keep heat losses to an absolute minimum.

Sacrificial magnesium anodes shall be fitted as standard to offer protection from corrosion. Correx non sacrificial electrical anode protection may be integrated with the appliance as a factory fitted option (LBF240GPCE) to reduce maintenance requirements. Correx powered anodes do not deplete or need replacing as a matter of routine maintenance.

In-built features shall include automatic pilot ignition, flame failure protection, operating and high limit thermostats and frost protection and shall incorporated within the control system. The vessel shall have two 100mm clean out access openings.

**High Output LBF Water Heaters** are suitable for horizontal or vertical concentric flue installation (C13 & C33).

7 day/24 hour time clock and external ON/OFF switch for remote enable operation or interlocking the appliance to a safety circuit are available from Lochinvar as ancillary options.

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