

PRODUCT SPECIFICATION CLAUSE

LG50GCE KNIGHT GAS FIRED STORAGE WATER HEATER

The **Water Heater** shall be a **Lochinvar KNIGHT MODEL LG50GCE**

The **Water Heater** shall have a gross nominal input of 18.3kW (16.3kW net) and a recovery of 241 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 76.0%

The **Water Heater** shall be fitted with a permanent pilot stainless steel burner assembly and a vitreous enamel lined steel storage vessel, and shall be suitable for use on Natural Gas or LPG.

The **Water Heater** shall incorporate a baffle suspended in the flue way to increase the heat transfer of the products of combustion by scrubbing the sides of the flue way. This maximises 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 keeps heat losses to an absolute minimum.

Sacrificial magnesium anodes shall be fitted as standard to offer protection from corrosion. Correx non-sacrificial anode protection can be supplied as an optional extra.

The **Water Heater** shall incorporate flame failure protection, operating and high limit thermostats, and combustion products spillage safety device within the control system.

Knight Water Heaters are suitable for conventional flue installation (B11BS).

A de-stratification pump kit and additional storage vessels are available from Lochinvar Limited as ancillary options.

LPG Option – MODEL LG50PGCE

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