PRODUCT SPECIFICATION CLAUSE

LGC245-560CE ECOSWORD FLOOR STANDING GAS FIRED CONDENSING WATER HEATER

The Water Heater shall be a Lochinvar EcoSword Model LGC245-560CE 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 32.2kW (29.3kW net)
• CE Certified with a Part L2 Gross CV Efficiency of 95.5%
• NOx emissions of no more than 37mg/kWh at 0% O2
• Capable of providing a 1ST hour peak supply of 760 litres with a continuous supply of 530 litres per hour at a 50°C temperature rise
• Ultra-quiet burner operation <58db
• 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

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

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