

## **PRODUCT SPECIFICATION CLAUSE**

### **ECOCHARGER ECH32-220GCE GAS FIRED CONDENSING WATER HEATER**

The **Water Heater** shall be a **Lochinvar EcoCharger MODEL ECH32-220GCE** 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 NO<sub>x</sub> and CO<sub>2</sub>. A standard Correx<sup>™</sup> 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 32.7kW (29.4kW net) and a hot water recovery rate of 540 litres per hour at a 50°C temperature rise
- CE Certified with a Part L2 Gross CV Efficiency of 96%
- NO<sub>x</sub> emissions of no more than 54mg/kWh at 0% O<sub>2</sub>
- Ultra quiet burner operation <45db
- Integral Legionella cycle within the control

Integral features shall include time and temperature control, appliance history, pump control and anti-legionella pasteurisation.

#### Flue Installation (delete as appropriate)

- Concentric balanced flue
- Parallel twin pipe balanced flue
- Conventional flue
- To be advised

For further information please contact Lochinvar Ltd, 7 Lombard Way, The MXL Centre, Banbury, Oxon OX16 4TJ. Tel 01295 269981 email : [info@lochinvar.ltd.uk](mailto:info@lochinvar.ltd.uk) website [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

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