

## **PRODUCT SPECIFICATION CLAUSE**

### **TTW580CE TTW GAS FIRED CONDENSING WATER HEATER**

The **Water Heater** shall be a **Lochinvar TTW MODEL TTW580CE**

The **Water Heater** will have a gross nominal input of 611.0kW (550.0Kw net) and a recovery of 9912 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 94.4%.

The **Water Heater** shall contain a triple chamber gasket-free welded design heat exchanger constructed from grade 316L stainless steel for enhanced corrosion resistance. The Water Heater shall be equipped with electronic ignition, ionisation control and two fully modulating burners all controlled by a micro-processor. The stainless steel burners will be shall provide continuous modulation from 100% to 12.5% by controlling the gas/air ratio, and low emissions of NOx and CO.

The onboard Open-Therm communication bus shall allow for the connection of advanced time and temperature control devices such as the Lochinvar RCW Controller.

In-built features shall include time control, night setback, pump control, anti-legionella pasteurisation, and cascade control for up to 4 appliances.

The **Water Heaters** shall be suitable for conventional or twin pipe balanced flue installation, and shall also be supplied with separate storage vessels. Suitably sized pumps and separate storage vessels are available from Lochinvar as ancillary options.

**Note:** Lochinvar recommends the use of glanded pumps

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