

## **PRODUCT SPECIFICATION CLAUSE**

### **EF120 ECOFORCE<sup>™</sup> GAS FIRED CONDENSING WATER HEATER**

The **Water Heater** shall be a **Lochinvar ECOFORCE<sup>™</sup> MODEL EF120**

The **Water Heater** will have a gross nominal input of 124.0kW (111.0kW net) and a recovery of 1995 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 94.2%.

The **Water Heater** shall be wall hung and contain a gasket-free welded design heat exchanger constructed from grade 316L stainless steel for enhanced corrosion resistance, and shall be equipped with electronic ignition, ionisation control and a fully modulating burner all controlled by a micro-processor. The stainless steel burner shall provide continuous modulation from 100% to 25% by controlling the gas/air ratio, and low emissions of NO<sub>x</sub> and CO<sub>2</sub>.

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

**EcoForce<sup>™</sup> Water Heaters** are suitable for concentric or twin pipe balanced flue, and conventional flue installation.

**EcoForce<sup>™</sup> Water Heaters** require a minimum flow rate and should also be supplied with separate storage vessels. Suitably sized pumps and separate storage vessels are available from Lochinvar as ancillary options (refer to separate Ancillary Options List for details).

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

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