

## **PRODUCT SPECIFICATION CLAUSE**

### **CPM116 WALL MOUNTED GAS FIRED CONDENSING BOILER**

The **Boiler** shall be a **Lochinvar CPM116 wall mounted condensing gas boiler** with a stainless steel heat exchanger, and integral A rated high efficiency primary shunt pump. The Boiler shall be equipped with electronic ignition, ionisation control and a fully modulating burner all controlled by a microprocessor. The stainless steel Alcomesh burner is designed to provide continuous modulation from 100% to 20% by controlling the gas/air ratio, with low emissions of NO<sub>x</sub> and CO<sub>2</sub>.

Specifications shall be as follows:-

- Gross nominal input of 123kW (111kW net)
- CE Certified with a Part L2 Seasonal Efficiency of 95.2%
- ErP Certified with a Seasonal Space Heating Energy Efficiency (**SSHEE**) of 92.6%
- Standby heat loss (**P<sub>STBY</sub>**) of no more than 0.076kW
- NO<sub>x</sub> emissions of no more than 37.4mg/kWh at 0% O<sub>2</sub>
- Sound power level no more than 62dba
- 10 year warranty on heat exchanger
- Integral Smart system control featuring as standard:
  - Cascade control
  - Weather compensation
  - Boiler status in words not code

#### Ancillaries (delete as required)

- Condensate neutralisation kit

#### Flue Installation (delete as required)

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

Energy label, Product fiche and ErP Data tables are available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

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