

PRODUCT SPECIFICATION CLAUSE

HCB46CE HERALD FLOOR STANDING GAS FIRED CONDENSING BOILER

The **Boiler** shall be a **Lochinvar Herald HCB46CE floor standing condensing gas boiler** with a stainless steel heat exchanger, and 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_x and CO₂.

Specifications shall be as follows:-

- Gross nominal input of 44kW (39.6kW net)
- CE Certified with a Part L2 Seasonal Efficiency of 96.4%
- NO_x emissions of Class 6 and no more than 38.1mg/kWh at 0% O₂
- 10 year warranty on heat exchanger
- Integral Smart system control featuring as standard:
 - Cascade control
 - Weather compensation
 - Boiler status in words not code
 - Primary shunt pump speed control
 - DHW Vessel and shunt pump control

CON-X-US (Delete if not fitted)

The boiler shall be equipped with a remote monitoring App allowing remote connection via WI-FI or Ethernet cable. The App shall be freely available via any smartphone without monthly fee. The App shall allow the following functions:

- Remote monitoring of boiler and system status
- Remote changes to boiler and system settings
- Email or text notification of blocking and lockout faults
- Email or text notification of service due

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

In addition to the Part L data above the boiler shall have an ErP rating as below:

Seasonal space heating energy efficiency – 95%

Energy Label Rating

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

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