PRODUCT SPECIFICATION CLAUSE

HCB86CE HERALD FLOOR STANDING GAS FIRED CONDENSING BOILER

The Boiler shall be a Lochinvar Herald HCB86CE 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 Alcromesh burner is designed to provide continuous modulation from 100% to 20% by controlling the gas/air ratio, with low emissions of NOx and CO₂.

Specifications shall be as follows:

- Gross nominal input of 83.5kW (75.2kW net)
- CE Certified with a Part L2 Seasonal Efficiency of 95.6%
- NOx emissions of Class 6 and no more than 34.4mg/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 PartL, data above the boiler shall have an ErP rating as below:

- Seasonal space heating energy efficiency – 94%
- Energy Label Rating
- N/A

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

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