



## Boiler Servicing – Beretta HE35 (Exclusive Green) Up to Nov 2018

To ensure safe and efficient operation this boiler must be serviced annually. It is essential to ensure that any components replaced are Genuine Riello/Beretta parts. Use of non-genuine parts may void the warranty applied to this appliance.

Servicing must be performed by a suitably qualified (certifying Gas fitter) and competent person. A record of service should be maintained with this boiler.

### MINIMUM SERVICE REQUIREMENT'S (in recommended sequence)

- Check the heating functions of the boiler ensuring that any associated controls applied to the system are set and operating correctly.
- Check operation of the domestic hot water output, adjust as required.
- Visually inspect the appliance internally, investigate and rectify any apparent issues.
- With the power off – Remove the burner head and inspect the internal condition of the primary heat exchanger - (Alternatively an endoscope camera can be used) – If the heat exchanger shows signs of combustion deposit the HX should be cleaned as required.
- Inspect the flue and terminal ensuring the terminal is not restricted
- Remove and clean the magnetic filter. Replace the filter cup using silicone grease on the O ring as you re assemble the filter
- Check the condensate trap and clean if required – Important Note remove the flexi pipe from the HX to the condensate trap make sure it and the discharge point on the HX are not contaminated or blocked.
- Perform an inhibitor check and top up the system as required, adding inhibitor if necessary. ( it is advisable to check with the home owner to make sure they are not regularly topping up the system ,if so there is a leak which should be addressed)
- Re assemble the burner head and test fire the boiler.
- Check and note the incoming gas pressure.
- Using a calibrated flue gas analyser check and adjust the high and low CO2 settings as required (refer to manual for correct data).
- Run the heating for a period and check it is operating correctly

**Tools required, Calibrated analyser, Inhibitor test kit, General tool kit**

**Service is a legal requirement in the EU, UK. At the very least we should carry out servicing as prescribed for the safety of our clients and the good of our industry.**