

Product Bulletin: PBVL_2017_012

Subject: Heat exchanger maintenance requirements and service intervals

From: Paul Honeyman

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Introduction

Vaillant brand products now utilise two different types of heat exchanger on current product ranges. These heat exchangers have different servicing requirements

Vaillant Stainless steel heat exchanger

This heat exchanger has been used successfully on Vaillant appliances for over 15 years, and has an exceptional reliability track record, with over 6 million appliances installed across Europe using this heat exchanger. As a result, **there is now no statutory time limit for the graphite* burner door seal replacement if FGA readings show correct combustion. However, the seal must be replaced every time the burner chamber is opened**



As a consequence, PI bulletin PVBL_2017_006 was issued earlier this year advising of the removal of the G10 sticker from the burner seal spare part. The Installation and servicing instructions for all appliances have also been updated to reflect this guidance. This approach can be applied retrospectively on any appliance in the below ranges that have been fitted with a graphite seal. The correct combustion analysis is just one part of a thorough regular inspection and maintenance regime. Only if the visual inspection is passed AND the combustion is in accordance with the relevant Installation & Servicing manual, can the necessity to open the burner chamber be waived.

Boilers affected:

- ecoTEC exclusive
- ecoTEC plus combination boilers (800 series)
- ecoTEC plus system boilers (600 series)
- ecoTEC sustain combination boilers
- ecoTEC pro

Aluminium/silicon alloy Heat exchanger

Launched initially on the regular range of open vented appliances, our newer aluminium heat exchanger has proven to be tolerant to older systems, it's large waterways being resilient to system particulates.

The burner door seal should be replaced a minimum of every 5 years if not part of a policy which ensures annual inspection and maintenance programmes. Again, the seal must be replaced every time the burner chamber is opened



Boilers affected:

ecoTEC regular boilers (400 series)

ecoFIT boilers (ALL variants)

Home boilers (ALL variants)

*Graphite seal should always be used. If the old style silicon seal is in place, it should be immediately replaced