

# Boiler Repair kit

## HDG Compact 150-200



The purpose of this repair kit is to replace and/or boiler water panels which have become damaged due to improper boiler installation and maintenance of the Compact boiler. The issue occurs when fresh water is introduced to what should be a closed system on a regular bases. This water includes lime and oxides which attract to the hottest part of the boiler and form a build up. See picture below.

The result is the water way becomes blocked. This then prevents the water cooling the steel of the water jacket which will in time then become damaged.

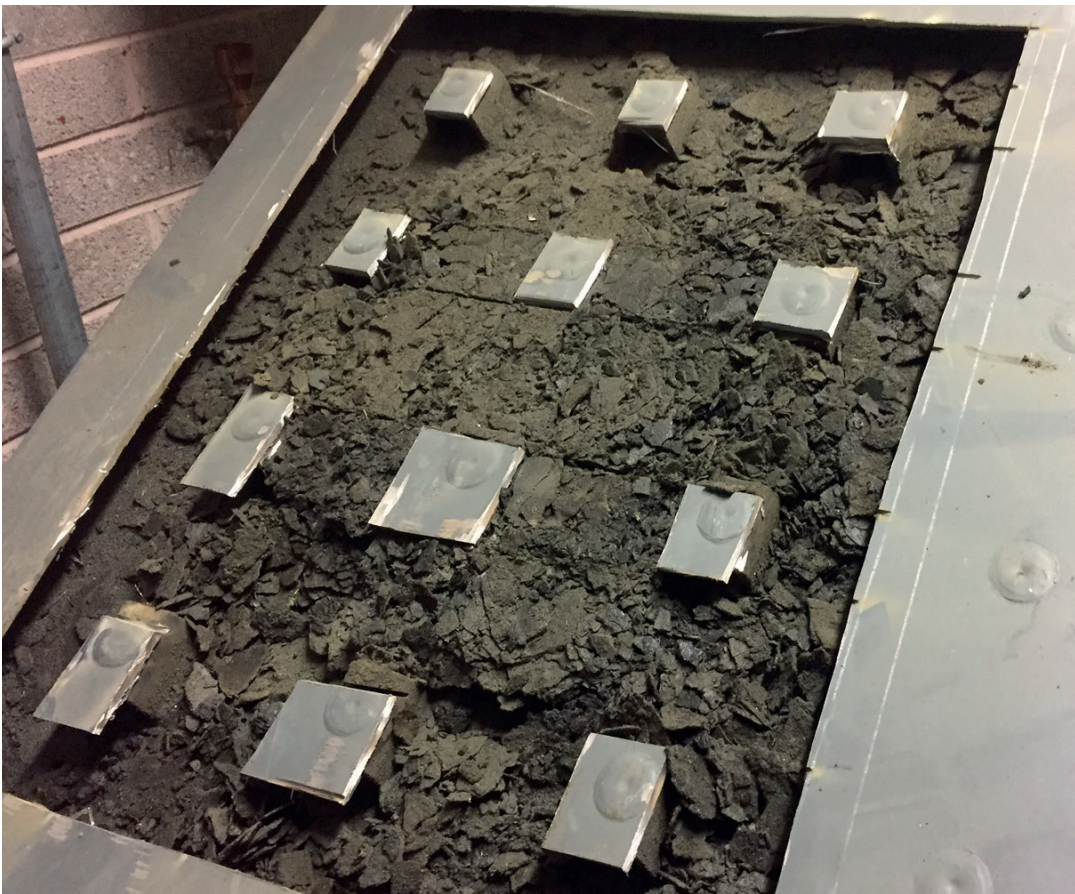
The choices for continued operation are two.

1. Use the boiler repair kit. This will require a coded welder to remove and then replace the inner and outer steel panel of this section of the boiler. This only replaces this particular area of the water jacket. The problem will also occur in other parts of the water jacket which cannot be replaced. A coating covers internal surfaces which will greatly reduce the boilers efficiency to transfer heat. This solution is described as a temporary fix not a permanent one.

2. New water jacket. HDG can supply a new water jacket to which all the current components can be fitted. IE panels, grates fire-bricks etc. This will return the boiler to its original efficiency and is described as a permanent fix.

Whatever remedial action is chosen the reason for the problem must be identified and find the reason for continuous top up of the water system.

Ensure water system is correctly protected with inhibitor and regularly checked.



# Replacement water jacket panel kit HDG30626

