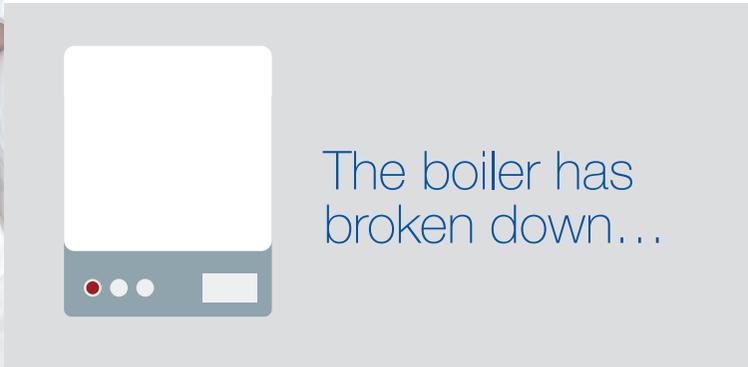
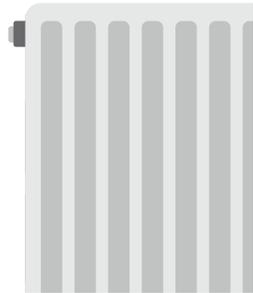


THE HOMEOWNER'S
GUIDE TO PREVENTING
BOILER BREAKDOWN

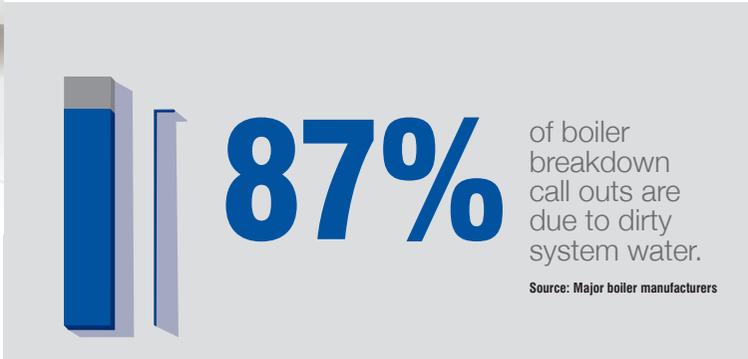


Icy cold shower...

Radiators aren't working...



The boiler has broken down...



87%

of boiler breakdown call outs are due to dirty system water.

Source: Major boiler manufacturers

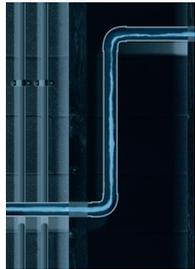
What has made your boiler breakdown?

Dirty water and sludge from scale and rust build-up in your heating system causes serious damage. It clogs the boiler's tiny waterways, damaging the pump and heat exchanger – resulting in boiler breakdown.

Sludge also collects in the pipework and at the bottom of radiators causing cold spots and clanging noises as the system fires up.

Overall a dirty, sluggish heating system eats up more gas and costs even more money to run.

The damaging effect dirty water & sludge has on your central heating system



Clogged pipework



Dirty radiator with cold spots



Scaled, clogged boiler and pump



Did you know...

Your boiler warranty can be invalidated if the system water is found to be dirty.



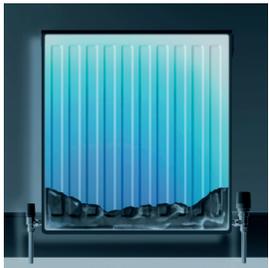
That installing an A-rated boiler on a dirty central heating system reduces its efficiency rating in **just 6 days!**

What's the answer?

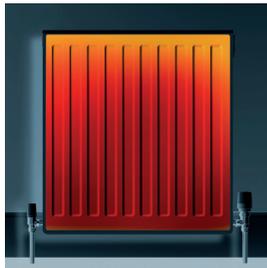
Cleaning your heating system! Depending on how dirty your central heating system is will dictate what treatment your installer recommends. A lightly sludged system may only require a chemical clean but a heavily sludged system will require a Powerflush.

Powerflushing tackles the whole system – flushing out the scale, sludge and rust that is lodged at the bottom of radiators and pipework – restoring the central heating system to tip top condition.

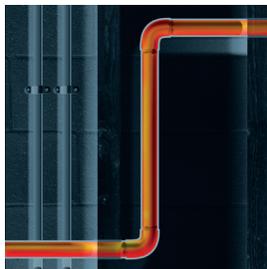
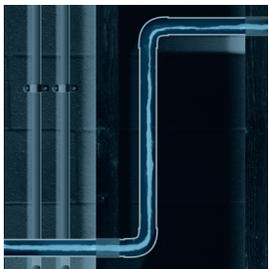
Before and after cleaning



BEFORE



AFTER



**DON'T SETTLE FOR LESS
MAKE SURE IT'S
POWERFLUSHING!**



Powerflushing is the most effective method of cleaning*

* Source: As detailed in the approved document; The Code of Practice BS 75 93: 2006 Part L Building Regulations (England & Wales)

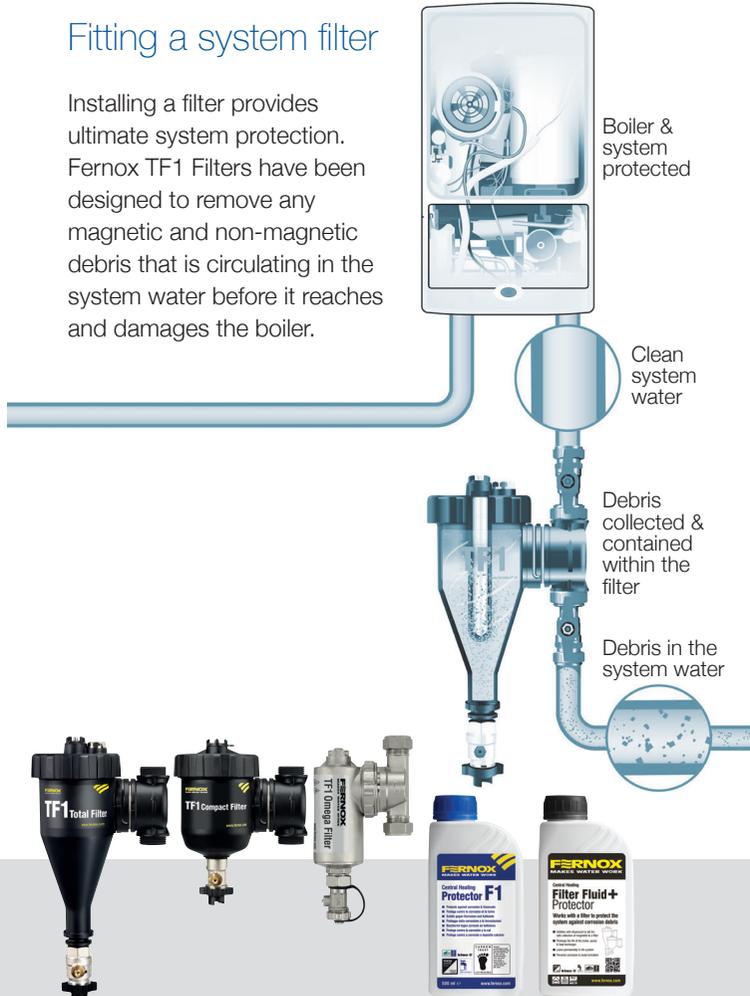
The next step...

Once your heating system has been cleaned and efficiency is restored, your installer will inhibit the system and fit a system filter. This is to prevent the system becoming dirty again.

Inhibiting the system prevents sludge and rust from reforming. Helping to keep the system clean and efficient – long term. It is important to remember that if the system is drained down the inhibitor needs to re-added to the system, for example if a radiator is removed when decorating.

Fitting a system filter

Installing a filter provides ultimate system protection. Fernox TF1 Filters have been designed to remove any magnetic and non-magnetic debris that is circulating in the system water before it reaches and damages the boiler.



Benefits of a clean system

Correct water treatment is the simplest and cheapest way to ensure your boiler and central heating system is protected from breakdown.

The boiler is one of the most expensive appliances in the UK home. Investing a little extra on your new boiler at installation or servicing will give you peace of mind and potentially save thousands of pounds on early, preventable boiler replacement or repair.

Lower gas bills



Boiler warranty compliance



Extend boiler lifespan



Optimise performance



Installer's details:

Visit the Fernox website to watch the Homeowner's video.

www.fernox.com