

# INTRODUCING The Fernox Scale Reducer Range

A simple solution to reduce the damaging effects of limescale build-up. Giving you peace of mind and your household appliances a longer life.



## Reduce the damaging effects of limescale in your home

Most people in the UK live in a hard water area, and will notice the presence of limescale. The visible effects however are nothing compared to those which are hidden. Overtime, limescale naturally forms and coats the heating elements inside household appliances, making them less energy efficient and ultimately resulting in failure and breakdown.

Installing a Fernox Scale Reducer in your home will help to protect your household appliances by controlling limescale build-up, maintaining their appearance and prolonging their overall lifespan. You'll also save money on cleaning products, household energy bills, and you might even find that your cup of tea tastes a little better!

The Fernox Scale Reducer range offers a simple 'fit and forget' solution to help minimise the build-up of limescale, with zero maintenance. All Fernox Scale Reducers last for up to 10 years, depending on water quality and usage and include a 12 month Fernox warranty.



PROTECT  
YOUR  
BOILER

### Just installed a new boiler?

To validate your boiler warranty, most manufacturers now require that a scale reducer is installed for additional protection. Check with your installer for more information.

## Do you live in a hard water area?

The Fernox Scale Reducer range is ideal for areas where water hardness levels exceed 200 ppm.

Part L of the Building Regulations (England and Wales) and best practice guidelines encourage the installation of a scale reducer.

### How they work

**Fernox Magnetic Scale Reducers** have been designed to protect single household appliances such as shower heads and kettles. They prevent the build-up of limescale using magnetic principles, making it far easier to remove limescale should it re-form.

**Fernox Electrolytic Scale Reducers** provide whole house protection, benefiting a range of appliances, including the boiler. They work to reduce the build-up of limescale, by altering the structure of the salt particles, preventing them from attaching to the pipework and key components inside the boiler.

**All Fernox Magnetic and Electrolytic Scale Reducers are simple to fit, offer immediate effectiveness and require zero maintenance.**

### Water hardness map



- Soft Water – 0-100ppm
- Medium to Hard Water – Very changeable 150-200ppm
- Medium Water – 150-200ppm
- Hard Water – Over 200ppm

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MAKES WATER WORK

## Installer's guide

There are many similarities between the Fernox Electrolytic and Magnetic Scale Reducers, but there are also some key differences. This guide is designed to support the installation of both products.

	ELECTROLYTIC SCALE REDUCER	MAGNETIC SCALE REDUCER
Single appliance protection	✓	✓
Whole house protection	✓	
Forged and injection moulded precision parts	✓	✓
Forged brass construction with injection moulded cast zinc anode that creates a closed circuit	✓	
Maximum working pressure 10 bar at 20°C	✓	✓
Maximum operating temperature 2°C – 40°C (cold mains water feed)	✓	✓
Easy to fit, without the need for an earth strap, additional tools, or a non-return valve	✓	✓
12 month warranty against manufacturing defects	✓	✓
Lasts up to 10 years depending on water quality and usage	✓	✓
Available with 15mm push fit and compression fittings	✓	✓
Available with 22mm compression fittings	✓	✓
Can be installed onto horizontal and vertical pipework	✓	✓
Can be installed onto plastic, copper and brass pipework	✓	✓



**Please note:** The effect of the Fernox Magnetic Scale Reducer is not permanent – the further the water travels, the effect is dissipated. Therefore, it should be fitted on pipework within one metre of the appliance that needs protecting. It is important that any Scale Reducer device is installed on the incoming mains.

## FAQs

### What can I use to protect my whole house from limescale?

For a hot water system and whole house protection, the Fernox Electrolytic Scale Reducers will prevent limescale build-up. The unit should be installed onto the mains water supply into the property.

### What is the difference between Fernox Magnetic and Electrolytic Scale Reducers?

The Fernox Magnetic Scale Reducers use a magnetic field to reduce limescale formation and are suitable for protecting single appliances within the home. The Fernox Electrolytic Scale Reducers work like a battery, with a small charge in the unit promoting Aragonite to form instead of Calcite. Electrolytic Scale Reducers are designed to protect whole properties rather than single household appliances.

### Do I need to buy refill sachets for the Fernox Scale Reducers?

No, they are 'fit and forget' devices.

### Do Fernox Scale Reducers need to be installed vertically or horizontally?

Fernox Scale Reducers can be installed either vertically or horizontally.

### Do Fernox Scale Reducers need to be fitted in a particular location for it to work correctly?

Yes, it is important that any Scale Reducer device is installed on the incoming mains. Fernox Magnetic Scale Reducers also need to be positioned within one meter of the household appliance it protects.

### Are Fernox Scale Reducers safe to use with drinking water?

Yes, all Fernox Scale Reducers are WRAS approved and suitable for use with drinking/potable water.

### How long will the effects of Fernox Electrolytic or Magnetic Scale Reducers last?

All Fernox Scale Reducers are designed to last up to 10 years and are 'fit and forget' devices. However, timeframes can vary depending on the hardness of the water and water usage levels.



Quality and simplicity are at the heart of the Fernox philosophy. Uncompromising commitment to technical innovation and design excellence is reflected in the Fernox Scale Reducer product range. This range minimises limescale build-up and extends the lifespan of domestic appliances.

*With over 50 years of experience and millions of satisfied customers, history speaks for itself...*

### Fernox

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## Product range

The Fernox Scale Reducer range has been extended, offering a full suite of scale reducing product solutions.

Product	Product code
Electrolytic Scale Reducer 15mm Compression	58263
Magnetic Scale Reducer 15mm Compression	58264
<b>NEW</b> Magnetic Scale Reducer 15mm Push Fit	62301
<b>NEW</b> Magnetic Scale Reducer 22mm Compression	62302
<b>NEW</b> Electrolytic Scale Reducer 15mm Push Fit	62303
<b>NEW</b> Electrolytic Scale Reducer 22mm Compression	62304

## Installer's details

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