

## ELECTROLYTIC SCALE REDUCER

- An in-line scale reducer to prevent the build-up of scale using electrolytic principles
- Whole house protection
- A brass, nickel plated unit
- No maintenance
- Lasts for up to 10 years\*
- WRAS approved product
- No need for an earth bond strap



### Product Uses

The Fernox Electrolytic Scale Reducer is not a water softener but it induces coagulation whilst the water hardness remains unchanged.

It works in the same way as a small battery where the brass body (cathode) and internal zinc (anode) are connected via mains water (electrolyte) to alter the structure of the hardness salts. The effect is to enable the hardness salts to cluster together rather than attach to the heat exchanger and pipe work in a central heating system. Limescale deposits are more common where heat is generated and can have lasting damaging effects on the efficiency and life of the boiler. The Fernox Electrolytic Scale Reducer also benefits a range of other domestic appliances including kettles, taps, showers and boilers. Any scale that does form will be less tenacious and easier to remove.

### Part L Building Regulations (England and Wales)

Part L of the Building Regulations (England and Wales) states that in hard water areas which exceed 200ppm, provision should be made to treat feed water to water heaters and hot water circuits of combination boilers to reduce the rate of limescale formation as well as limiting its harmful effects on energy efficiency. One way to comply with this legislation is to install a Fernox Electrolytic Scale Reducer. Best practice also encourages the use of Scale Reducers.

### Application

The Fernox Electrolytic Scale Reducer is connected directly into the pipe work using either compression or push fit fittings. In an average domestic usage household the Fernox Electrolytic Scale Reducer will provide whole house protection between two and ten years dependent on water usage levels. The unit is effective immediately and is guaranteed for 12 months against manufacturing defects. The unit is pressure-rated to 10 bar at 20°C with an operating temperature range of 2°C to 40°C (cold feed). *Install in compliance with WRAS installation requirements IRN R001, R120, R150, R170, R290 and/or local water regulations.*

Designed for 15 mm and 22 mm pipe work and is available with push fit or compression fittings.

	15 mm	22 mm
Push Fit	✓	
Compression	✓	✓

## Packaging, Handling and Storage

The Fernox Electrolytic Scale Reducer can be installed in horizontal or vertical pipework. The unit is classified as non-hazardous.

*\* Subject to local water conditions and usage.*

