

## Sentinel SESI

### Electrolytic scale inhibitor for protecting hot water systems

To protect hot water components against the damaging effects of limescale formulation such as loss of heat transfer and premature breakdowns. Compliance Guide to Part L1 of the Building Regulations recommendations include the use of an electrolytic scale inhibitor in properties in hard water areas\*.

\*200ppm or above

- **Installed onto rising main using compression fittings and easy-grip design**  
Enables quick, durable fit for immediate protection of boiler and water-heating appliances.
- **Unit life expectancy of 10 years**  
Does not require maintenance, reducing lifetime costs.
- **Best in class**  
More effective than similar products on the market. Gives superior protection against lime scale build up.
- **WRAS approved**



15mm and 22mm  
compression  
connectors

Length  
15 mm = 195 mm  
22 mm = 190 mm

Design flow  
0 to 20 litres  
per minute

WRAS  
approved  
product

### The Sentinel System

Lifetime protection for heating, cooling and hot water systems using the best practice process of...



CLEAN



PROTECT



MAINTAIN

## Description

In boilers, washing machines, kettles and other appliances, scale build up on the heating elements or heat exchangers, reducing efficiency and shortening the useful life of the equipment. Also, limescale settling out from the hard water will often lead to unsightly deposits around taps and showers which can be difficult to remove.

SESI is ideal for use in homes or small commercial properties. SESI is a non-polluting electrolytic physical water conditioning process that protects a pipe system from the formation of limescale encrustation with a “fit and forget” solution that does not need an electrical power supply.

## Operation

SESI works by a natural electrolytic process using a zinc electrode, and begins working immediately after the unit has been installed. Hardness salts are held in solution or suspension rather than adhering to pipe work, heating elements etc. The process is not sensitive to low water flow. SESI provides long-term protection from limescale and can be used to protect water that is to be stored in a tank.

The unit should be installed in the rising main of the municipal water supply, but after the water meter and primary filter units (if fitted), so that the whole property is protected. If the device is fitted to protect only a single appliance, there should be at least three metres of water pipe between the SESI unit and the appliance. The unit must be installed in accordance with WRAS installation requirements.

## Additional features

- Non-polluting, environmentally friendly water conditioner
- No electricity needed
- Pressure and flow tested
- Ideal for commercial, industrial and domestic applications

## Technical specifications

<b>Connection</b>	15 mm compression / 22 mm compression
<b>Design Flow</b>	0-20 l/min (1.2m <sup>3</sup> /hr)
<b>Length</b>	195 mm / 190 mm
<b>Diameter</b>	35 mm / 35 mm
<b>Weight</b>	0.35 kg / 0.40 kg
<b>Test regulations</b>	(UK) WRAS Certification

\*Removal of compression fittings converts unit to ½" BSP

The use of Sentinel water treatment is endorsed by the industry's major international manufacturing companies\*



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