

Sentinel ScalePro®

Electrolytic Scale Inhibitor with performance indicator LEDs

Features and Benefits

- Non-polluting, environmentally friendly water conditioner
- Proven to provide superior performance
- Long term protection against lime scale encrustations
- Helps maintain heater efficiency and conserve energy
- New, unique design
- Integrated performance indicator LEDs
- Designed to be effective for at least 10 years
- No external power required

Problem

Municipal water supplied to approximately 65% of the UK population is hard water, containing natural calcium and magnesium mineral salts. When this water is heated, these dissolved salts can separate out, clinging to the nearby surfaces and forming a hard layer of scale. In pipes, this layer of lime scale slows down the flow of water and may eventually block the pipe completely.

In boilers, washing machines, kettles and other appliances, it builds up on the heating elements or heat exchangers, reducing efficiency, increasing energy usage and shortening the useful life of the equipment.

Also, lime scale from hard water may lead to unsightly white deposits around taps and showers which are usually difficult to remove.

Description and Use

Sentinel ScalePro® is ideal for use in homes or small commercial properties. The unit is a non-polluting, electrolytic physical water conditioning device that helps protect a pipe system or appliance from the formation of harmful lime scale encrustation.

ScalePro works by a natural electrolytic process using a zinc electrode, and begins working immediately after the unit has been installed. No external power source is required. Hardness salts are held in solution or suspension rather than adhering to pipe work, heating elements etc. ScalePro provides long-term protection from lime scale and can be used to protect water that is to be stored in a tank.



This unit incorporates specially developed circuitry which monitors the condition and performance of the scale controlling zinc electrode. An LED will flash GREEN every 32 seconds if the device is working correctly and RED if the electrode is fouled or exhausted.

The LED can also be activated manually using the 'check button'. The lifetime of the device varies depending upon water hardness and use but it will continue to be effective for at least 10 years, and typically much longer. The replaceable battery should last approximately 2 years under normal operation.

Location

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 ScalePro unit and the appliance.

Installation and activation guidance is provided with the unit. ScalePro must be installed in accordance with WRAS installation requirements.

ScalePro Scale Inhibitor

<i>Connection:</i>	15mm* compression
<i>Design flow:</i>	0-20l/min (1.2m ³ /hr)
<i>Length:</i>	195mm
<i>Width:</i>	42mm (max)
<i>Height:</i>	54.5mm
<i>Weight:</i>	419g
<i>Battery replacement:</i>	CR 2032
<i>WRAS Certification</i>	
<i>*Removal of compression fittings converts unit to ½" BSP</i>	