



## PRODUCT DATA SHEET

### INLINE ELECTROLYTIC SCALE INHIBITOR

CODE: ILS2



### WHY FIT AN ELECTROLYTIC SCALE INHIBITOR?

- One year replacement guarantee
- WRAS approved product
- Maximum working pressure:  
10 bar at 20°C
- Service life - up to 10 years
- Saves energy costs
- No chemicals or power needed
- Easily installed
- No moving parts
- No maintenance required
- 15mm compression fittings
- Dimensions: 166mm x 26mm diameter
- Max Flow Rates:

|      |         |
|------|---------|
| 1bar | 16.6L/m |
| 2bar | 23.6L/m |
| 3bar | 27.5L/m |
| 4bar | 31.7L/m |
| 5bar | 34.9L/m |

Part L of the Building Regulations (conservation of fuel and energy for dwellings) states that where the mains total water hardness exceeds 200ppm, provision should be made to treat feed water to water heaters and hot water circuits of combination boilers to reduce the rate of accumulation of timescale and to limit its harmful effect on energy efficiency.

Electrolytic scale inhibitors are listed in the Domestic Building Services Compliance Guide as a suitable control. As water flows through the unit it emits charged zinc ions which induce hardness salts to cluster together and pass through heating appliances rather than forming limescale deposits on the heat exchanger or water heating element. Service life is dependent upon local water conditions and water usage.

When the beneficial effect subsides its time to replace the unit.

#### POSITIONING

For whole house protection. Ensure the unit is installed so as to be readily accessible for examination, test, maintenance or replacement. The unit may be fitted horizontally or vertically. It is not directional. Choose a pipe run long enough to accommodate the unit. An approved single check valve or other no less effective back-flow prevention device shall be fitted at the point of connection between the supply and the unit.

#### CONNECTION

To ensure a leak proof installation, make sure the pipe is cut square with a pipe-cutter even if the pipe run is initially broken into using a hacksaw. Tighten fittings with a 24mm spanner.

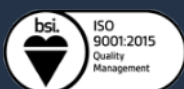
#### ADDITIONAL INFORMATION

This product does not require Earth bonding continuity.

Note: Water utilities cannot be held responsible for the quality of water passed from this unit.

TFC GROUP

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Cert No: RS 30178

QR057

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Issue 1: July 2024

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