

HydroFLOW™



Hydroflow electric water conditioners use proven technology to solve your lime scale problems. The **S38** is designed for a multitude of light commercial, residential, and heavy use applications and appliances, where lime scale might otherwise build up quickly, reducing efficiency and causing equipment breakdown.

Some of the benefits are:

- Prevent the build-up of lime scale
- Remove existing lime scale
- Kills biologicals
- Increase the life of your equipment (restaurant, medical, residential & more)
- Prevent and remove bio-fueling
- Increase filtration
- Improves existing water filtration
- Lower chemical usage
- Saves energy



Before lime scale



After lime scale

Some of the recommended applications are:

- High-use boilers
- Low-pressure steam boilers
- Steam ovens
- Steam rooms
- Steam showers
- Humidifiers
- Evaporators
- Dishwashers
- Ice making machines
- Beverage storage
- Food production
- Aquariums tanks
- Terrapin tanks

Features and Specifications

Technical Specification for water conditioning and the management of hard water scale

- Electronic ferrite water conditioner capable of scale management for whole house or for point of application.
- Fits by being clamped over the pipe; no cutting of the pipework is required.
- Suitable for fitting to up to 44mm OD copper, steel, stainless steel or plastic pipe.
- Induces randomly variable electrical fields into the water.
- Correctly installed, these fields will propagate through the water in the entire plumbing system and protecting taps, sinks, washbasins etc.
- The induced fields conditions the water both up and down stream. Wherever the fields are measurable, conditioning is maintained.
- The conditioned water will be capable of gradually removing existing scale in the system.
- The conditioning of the water is independent of water flow or temperature.
- Manufactured to ISO9001:2008 quality management standard and conforms to EU EMC regulations.
- Three year manufacturer's warranty and a calculated MTBF (mean time before failure) of 36 years.

Fitting the unit

- The optimum location to fit the unit is on the cold feed to wherever the water is being heated.
- The unit should be fitted after any pumps and cold water tanks.
- Water stored in cold tanks can lose its conditioning over time
- Pumps can damage the conditioning effect.

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Installation

The unit should always be fitted in accordance with the following information



Attach the fixing plate to the underside of the top section



Pass the wrap through the slots in the fixing plate



Attach the top section of the unit to the pipe by attaching the tie wrap



Clip on the lower section and remove the split pin.
Plug the cable into the unit and connect the transformer to the mains supply.
The red light should glow brightly.

To remove the unit from the pipe, replace the split pin. Firmly grip the upper section just above the join of the lower section, and slide the lower section off.

Installation requires a surge protector

Location

The general rule of thumb is to install the unit on the cold feed pipe to where the water is heated. However, due to the diverse range of possible applications, please contact your Hydropath representative for more information.

Specifications

Reliable solid state circuitry

Weight: 0.2Kg approx.

Dimensions: H 112 x W 70 x D 28 mm

The in-line power supply should only be fitted by a qualified person. As per all electrical equipment please ensure that the equipment is connected in accordance with current electrical regulations in your area. S38 Unit should be fitted on the cold feed to where the water is heated, after any pumps or tanks