



# SCALEBUSTER®

## OVERVIEW

This proprietary patented **ScaleBuster®** technology has been utilized for environmentally friendly, water conditioning by the residential, commercial and industrial markets for more than 15 years. The technology has been used by some of the world's largest commercial and industrial companies to treat scaling, corrosion, and other water challenges. Over 300,000 units have been sold and installed worldwide.

## THE PROBLEM

Scale and general corrosion form on equipment surfaces and restrict water flow, clog systems and reduce system efficiency resulting in costly equipment down time and increased maintenance costs. In residential systems, this means increased gas usage to heat water from scaled heater elements, mineral deposits throughout the plumbing, fixtures and appliances. It also creates dis-colored water, rust spots, scale deposits and excessive soap usage. Using water softeners or chemicals to treat these conditions results in water waste, high salt or chemical pollution to the environment, equipment maintenance costs, health and safety issues.

### Scale & Fouling

Degrades performance thus increasing energy and water usage

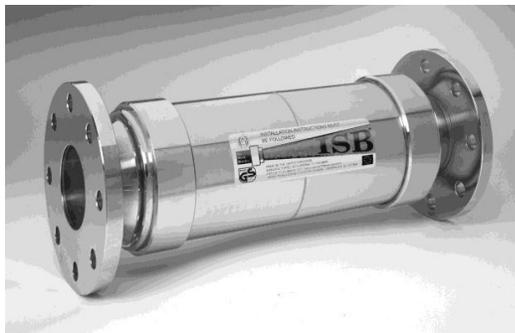


### Corrosion

Reduces equipment life span and increases capital spending

## THE SOLUTION

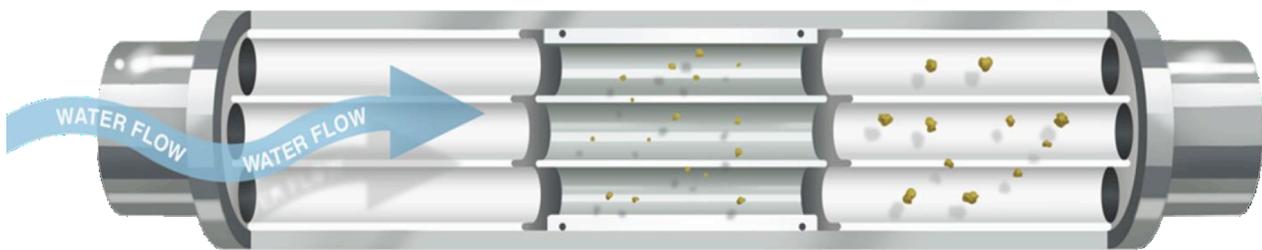
The basic and primary function of the **ScaleBuster®** as a physical water conditioner is to inhibit and prevent scale and corrosion in general pipe-work, heating and plumbing equipment, appliances and processing equipment. The patented electrostatic conditioner operates without any electrical power and has no moving components. The electrostatic device uses the dielectric characteristics of the metallic materials of its construction combined with the hydraulic conditions present during operation to force the precipitation of solid crystals in the water. This prevents scale and corrosion from forming and conditions the water to absorb scale already attached to internal equipment surfaces.





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The range of applications to which **ScaleBuster®** can be used is extensive. Experience over 20 years with this **ScaleBuster®** technology shows that the fundamental requirements vary depending on water systems, system layout and equipment to be protected. The requirements will also vary depending on whether the product is for new construction or refurbishment of an existing system. **We** have established a family of products to cover the range of installations from individual appliance protection and building usage through to large heavy industrial process applications.



## CUSTOMER BENEFITS

- Scale and corrosion control
- Reduced water & sewer costs
- Reduction in maintenance costs
- Reduction in energy use
- Improvement of water quality
- Reduction in water spots
- Reduction in soap usage
- Benefits of soft water without needing softeners or salt
- Increased equipment and appliance lifespan
- Reduction in downtime
- Elimination of chemical and salt handling and storage
- Removal of existing hard water scale deposits
- Protects entire plumbing system
- Keep irrigation nozzles clean
- Increases irrigation water efficiency