

FAQs

Does the ScaleBuster comply with water regulations?

The manufacturers have taken every step to ensure that ScaleBuster meets the most stringent codes of practice for materials and their use in potable water. The product is certified by WRAS in the UK, ACS in France, NSF in North America, and the TUV GS for Europe, and has been tested to a pressure of nearly 15,000 PSI.

Will the ScaleBuster affect water pressure and flow rates?

The internal configuration of ScaleBuster is designed to create turbulence. However, this causes minimum pressure drop and is unlikely to affect water flow

Is the ScaleBuster dependent on water flow rates?

Each ScaleBuster model is designed to operate across a broad range of flow conditions, unlike many other products based on different technologies.

Does turbulent flow affect the performance of the ScaleBuster?

No. The design of the ScaleBuster creates turbulence within its structure in order to improve the ISB® treatment effects. This means it can be installed in any convenient location.

Why do existing scale deposits clear?

By precipitating hardness, the treated water becomes less saturated and, therefore, is able to dissolve old deposits over a period of time.

Transition Energy Group LLC

A More Energy Efficient Tomorrow

Ideal Uses for the ScaleBuster®

- Hard water regions
- Hot water uses such as:
 - Water heaters — traditional and tankless
 - Dishwashers
 - Washing machines
 - Boilers
 - Industrial and processing
 - Car Washes
- Landscape irrigation
- Wherever water is chemically treated
- Wherever scale and corrosion occurs

Email

Dewayne@transitionenergygroup.com
to learn more or obtain a quote.



The patented **ScaleBuster®** is a proven water conditioning technology for general pipework, heating & plumbing equipment, appliances and processing equipment.



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The Problem

Scale and corrosion are found wherever there is heat, turbulence, or a change in pH in the water. These conditions cause scale and corrosion to form on equipment surfaces and restrict water flow, clog systems and reduce efficiency resulting in costly equipment down time and increased energy and maintenance costs.

Scale & fouling degrades performance, increasing energy & water usage.

Corrosion reduces equipment life span and increases capital spending.



The Solution

The **ScaleBuster** functions as a physical water conditioner to prevent scale and corrosion accumulation. The patented electrostatic conditioner operates without any electrical power and has no moving components. The device uses a combination of an electrostatic charge and turbulence to cause the tiny particles suspended in water to be "clustered" into larger particles which are then swept out of the pipes into the sewer instead of settling onto a surface. The particles that cause scale are no longer able to attach themselves to your pipes and equipment.



ScaleBuster is easily installed in the water system. It has no moving parts and requires no maintenance. It comes with a 10-year warranty but in most cases the device should last in excess of 20 years or longer.

In the past 20 years, over 300,000 units have been sold and installed in universities, governments, major corporations, industrial facilities, residences and water users of all types around the world.

Scalebuster vs. Alternatives

	Magnets	Electro-magnetic Coils	Salt Based Softeners	ScaleBuster
Uses No Electricity	✓	✗	✗	✓
Treats Water Directly	✗	✗	✓	✓
No Ongoing Costs	✓	✓	✗	✓
No Labor or Storage	✓	✓	✗	✓
Zero Water Waste	✓	✓	✗	✓
Maintenance Free	✓	✓	✗	✓
System Purchase Cost	Low	Low	High	Moderate
Effectiveness	Low	Low-to-medium	Excellent when well-managed	Excellent
10-Year Warranty	?	No	No	Yes

Proven 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 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

Visit scalebuster.com
for a wealth of information
about the operation and success
of the product, and to register
your Scalebuster warranty
after purchase.