

# ScaleNet® Anti-Scale Water Treatment System

## The Alternative to Water Softening



This temperature and pressure relief valve is clogged with hard scale.



Large deposits of hard scale constrict water flow in this hotel plumbing system.



Hard scale build up on the exterior of copper pipe in a plumbing system.

### The Problem

Scale deposits pipes, plumbing fixtures, or heating elements can cause:

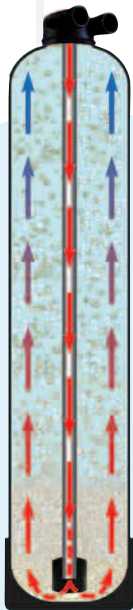
- Reduced system efficiency & higher energy costs
- Restricted flow rates & pressure loss
- Expensive repairs to appliances & heating devices
- Bacteria growth & potential health concerns for drinking water

### The Solution

#### The ScaleNet Anti-Scale Water Treatment System

ScaleNet is the first environmentally-friendly physical water treatment system to effectively control scale without salt, electricity, or backwash. ScaleNet is virtually maintenance free, retains beneficial drinking water minerals, and easy to install.

ScaleNet transforms dissolved hardness minerals into harmless, microscopic crystal particles using template assisted crystallization (**TAC**) technology. The crystals move through plumbing & heating systems without latching on to pipes, fixtures, valves, or other elements. Most importantly, crystals are washed away without the use of salt or caustic chemicals.



Water flows into the ScaleNet system (red) and through the media. Treated water (blue) flows back out.

### Benefits

- Environmentally-friendly alternative to salt-based softeners
- No salt, chemicals, or on-going consumables
- Operates without electricity for reduced energy consumption
- Retains beneficial drinking water minerals such as calcium & magnesium
- Reduces waste water discharge (no backwash)
- Decreases water consumption for water savings
- Helps remove existing scale
- Virtually maintenance free

### Features

- Scientifically tested and certified
- Long-lasting media with no regeneration needed
- Available in cartridge and tank-style housings
- Suited for commercial & residential applications
- Can be used on cold and hot water lines
- Variety of connection sizes to meet flow rates
- Compact design facilitates easy installation
- Replacement cartridges available



# E-Treat®

## Water Conditioning System with Scale Prevention



### Exclusive Tank-in-Tank Design

#### The Problem

Odorous, poor-tasting water and scale buildup. Unfiltered water often:

- Contains unpleasant odors
- Tastes unpleasant or like chemicals
- Transports chlorine or other organic substances

#### The Solution

##### The Watts E-Treat® Water Conditioning System

E-Treat combines the revolutionary scale prevention capabilities of ScaleNet with a coconut shell-activated carbon filter designed to improve water taste. The E-Treat system's filter reduces unpleasant odors, chlorine, and organic substances, resulting in better tasting water, easier rinsing, and reduced water usage.

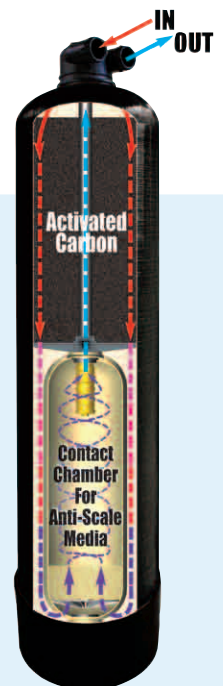
Here's how the E-Treat and ScaleNet systems work together: Water enters the system and flows through a two cubic ft. bed of coconut shell-activated carbon. This initial water treatment process improves water quality using absorption to reduce bad tastes, unpleasant odors, chlorine, and organic matter. At the same time, water flows upward through the inner tank and through the highly-effective ScaleNet anti-scale media to eliminate scale.

#### Benefits

- Combines water conditioning & scale reduction in one system
- Better tasting & smelling water
- Retains beneficial minerals such as calcium & magnesium
- Scale reduction reduces bacteria growth
- Reduces chlorine & organics
- Easier rinsing
- Water and energy savings
- No salt, chemicals, or on-going consumables

#### Features

- Exclusive ScaleNet TAC media (NSF-61 Certified)
- Coconut shell-activated carbon (NSF-61 Certified)
- Exclusive tank-in-tank design
- pH range 6 to 9
- Flow rates up to 12 gpm
- Temperatures up to 120°F (60°C)



A Watts Water Technologies Company

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