

The Superior Water Softener Alternative

Introduction:

For years, water softeners have been virtually the only means of treating hard water. Other alternatives including magnets, electromagnets, RF devices and catalysts have been available but haven't proved to be effective.

Technology Breakthrough:

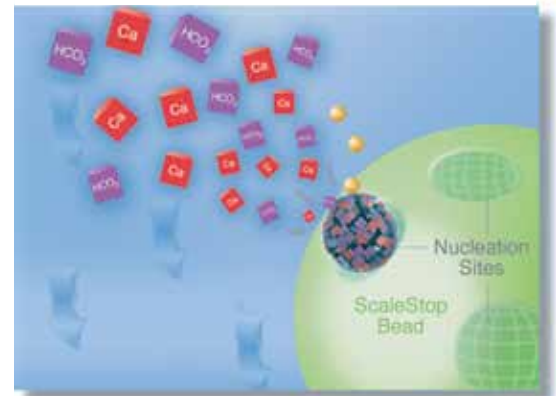
A recent development, Template Assisted Crystallization (TAC) has produced the first effective chemical-free scale prevention method. Based on TAC technology, The ScaleStop Media used in our EcoMax Whole House Water Conditioning System converts hardness minerals into harmless, inactive microscopic crystals.

Tested and Proven:

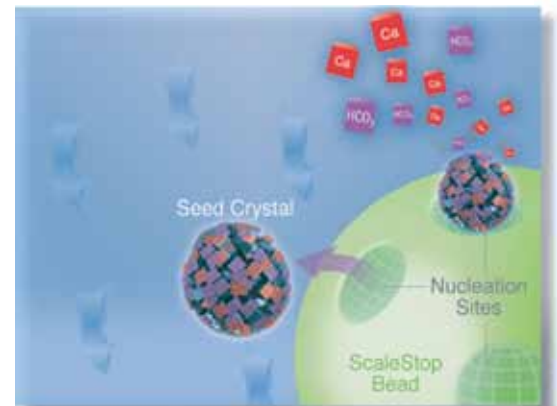
Tested by an independent laboratory against the international protocol for scale prevention, ScaleStop achieved a 99.6% effectiveness rating – the only technology to do so and far more effective than any other water softener alternative. Proven in over 10 years of successful use in homes and businesses throughout Europe and the US.

In addition to scale prevention, our EcoMax Whole House Filtration Systems effectively reduce Chlorine and other related chemicals from your water to provide clean, fresh, showers and baths. Recent studies have shown that showering and bathing in chlorinated water puts our bodies at a significantly greater risk of developing cancer. The Granular Activated Catalytic Carbon used in our systems is recommended by the Water Quality Association of America as being the most efficient method of filtering out these contaminants.

- Patented ScaleStop Provides Complete Protection From Hard Water Scale.
- European Technology Tested to 99.6% Efficiency Rating for Scale Prevention
- Clean, Filtered Water From Every Faucet in Your Home
- No Salt or Chemicals - Environmentally Friendly
- Removes Existing Scale from Pipes and Hot Water Heaters
- Catalytic Carbon Reduces Chlorine and Related Chemicals



Atomic sized nucleation sites on the surface of small ceramic-polymer beads convert dissolved hardness into microscopic crystals.



Once the crystals grow to a certain size, they are released from the bead. The crystals in solution keep the hardness out of the water so that it can't form scale or interfere with soap.



Crystal photo taken with a Scanning Electron Microscope.

EcoMax Systems

System	Service Flow	Peak Flow
10x47	13 gpm	16 gpm
10x54	16 gpm	20 gpm
12x52	20 gpm	25 gpm

Installation Parameters:

- Designed for 3/4" to 1 1/2" Plumbing
- No Salt Tank Required
- Environmental Rated Control Cover
- 24 Volt Control
- System Bypass Included

Water Chemistry & Limitations:

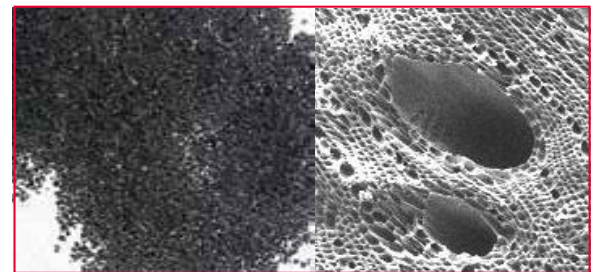
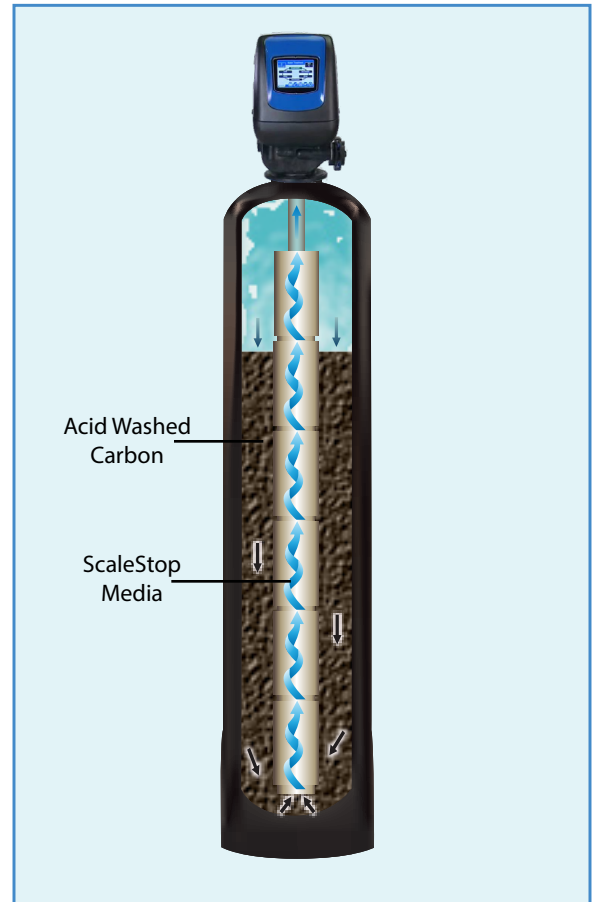
- pH 6.5 to 8.5
- Hardness, max. 75 grains (1300 ppm CaCO₃)
- Temperature 41 to 140° F (5-60° C)
- Oil & Polyphosphates Remove prior to next-ScaleStop
- Iron, Mn, H₂S Must be removed prior to next- ScaleStop.

Regulatory Approvals:

The constituent ingredients of next-ScaleStop are listed in CFR21 as approved food ingredients. Listing of the ScaleStop media under NSF Standard 61 and 42.



ScaleStop conforms to the requirements of NSF/ANSI 42, for material safety only, when used at use levels up to 0.17 Liters of media per Liter of water with a 5 minute flushing and conditioning procedure.



Acid Washed
Carbon Granules

Microscopic
Pores

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