


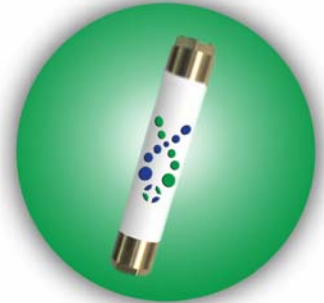
HOW IT WORKS

Physical Treatment of Hard Water

Using the Enviro-Pure™ Water Conditioner

101 
Co
CONDITIONING
TO PROTECT PIPES, PLUMBING & HOME

Conditioning - Protects your Home.
The Enviro-Pure™ Water Conditioner using a multi-stage magnetic process which causes the minerals in the water to stay suspended so they cannot form hard brittle scale.



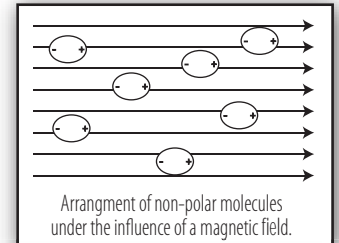
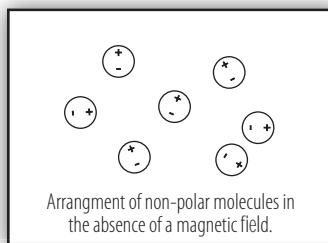
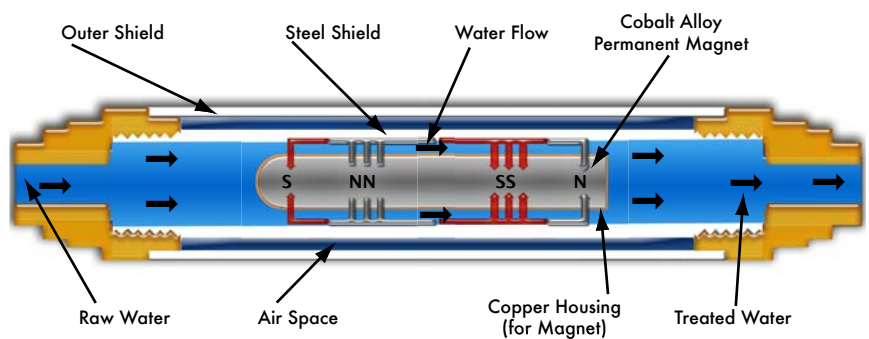
When water is subjected to temperature change (ΔT), pressure change (ΔP), friction and turbulence, dissolved minerals, primarily calcium carbonate (CaCO_3) and magnesium carbonate (MgCO_3), will precipitate out of solution and deposit on heat transfer surfaces of plumbing systems and equipment in the form of a rock-like buildup, commonly called lime/scale. At the molecular level, the negatively and positively charged ions of these minerals are attracted to and bond tightly together with one another, thus forming the lime/scale deposit known as calcite. These mineral deposits act as a great insulator and require more energy to heat or cool water in many different types of residential, commercial, institutional, and industrial applications.

As water passes through the Enviro-Pure Water Conditioner's treatment chamber, it is subjected to a series of reversing-polarity, permanent magnetic fields, which interrupts the natural scale forming characteristics of CaCO_3 and MgCO_3 by temporarily altering their ionic charge identity. Instead of being attracted to one another, the molecules are caused to act like ions of similar charges and repel one another as they precipitate out of solution. This leaves the molecules in a physical state of suspension known as aragonite (an amorphous mud-like or powdery form), which will flow through a plumbing system or drop to a low area within equipment so that it can easily be blown down or bled off. Aragonite can also be removed by other physical means such as centrifugal separation and filtration equipment.

Since chemicals are unnecessary in this type of treatment, the purity of the water is not affected in any way, and it can be safely and legally discharged to a sanitary sewer or even to the environment, where allowed. The presence of aragonite in the water provides an additional benefit in terms of corrosion protection. A thin film of the soft aragonite will adhere to all wetted surfaces of the plumbing system and equipment, keeping free oxygen and other corrosive properties in the water from reaching and attacking the metallic components, thus preventing corrosion.



For more information call 760.208.1012, fax 760.923.3233 or visit www.enviro-pure.com



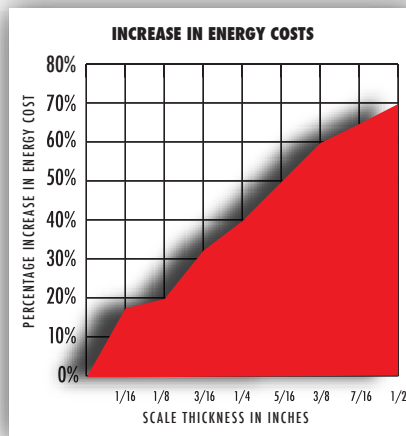
What Conditioning means for water heaters

Before Treatment



1 Yr. After Treatment



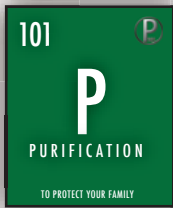


CONTROLS LIME SCALE WITHOUT CHEMICALS



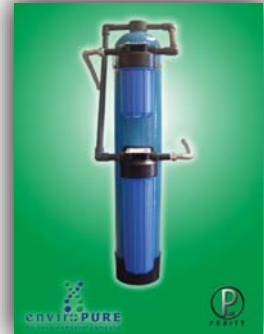
COST EFFECTIVE TREATMENT FOR HARD WATER

- ENERGY SAVINGS
- WATER CONSERVATION
- POLLUTION PREVENTION



Purification - Protects your Family.

The Enviro-Pure™ Purity 101 Series uses four stages of filtration media to deliver safe, clean, great tasting crystal clear water throughout your home.



1 Sediment Pre-Filter

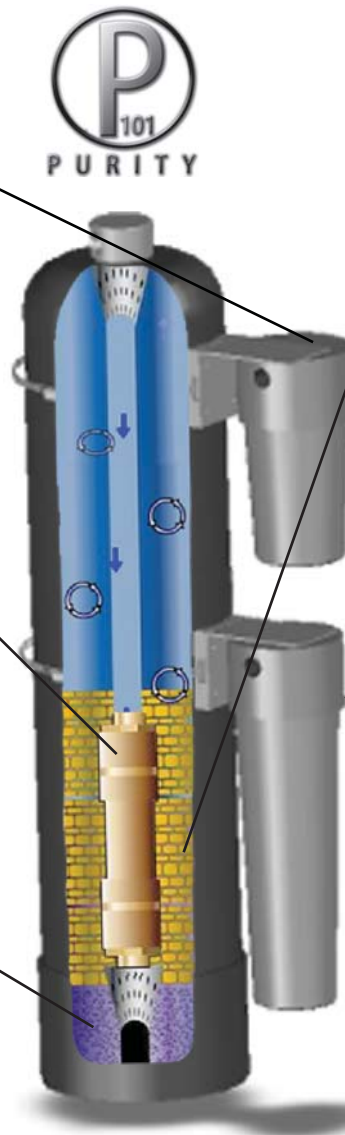
A 5 micron Sediment Pre-Filter will capture materials suspended in the water that are above the 5 micron level in size. This increases the efficiency of the rest of the stages downline in the treatment process.

2 Water Conditioner

Patented technology prevents hard water (scale) build-up. It magnetically conditions and de-scales the water while preserving beneficial minerals. This stage completely replaces a traditional chemical softener using no chemicals, moving parts or electricity.

3 Garnet Filtration

Stage 3 is an internal bed of Garnet filtration media. This provides sediment filtration (down to about 20 microns) and serves as a support bed for the media in Stage 4.



4 KDF55 Process Media

Utilizing the advanced, patented and NSF Certified KDF55 Process Media, Stage 4 of the **Purity 101 Series** is focused on the removal of Chlorine, soluble heavy metals and microorganisms. KDF55 Process Media has been shown to effectively remove chlorine, heavy metals and microorganisms.

This is what a Sediment Pre-Filter does:



5 Carbon Block Post-Filter

A 10 micron Carbon Block Post-filter is the final stage of purification before the water leaves our system. The Carbon block post-filter will further reduce chlorine, chlorination byproducts, other organic contaminants, bad tastes and odors.

Drinking Water



Bathing Water



Household Water

