

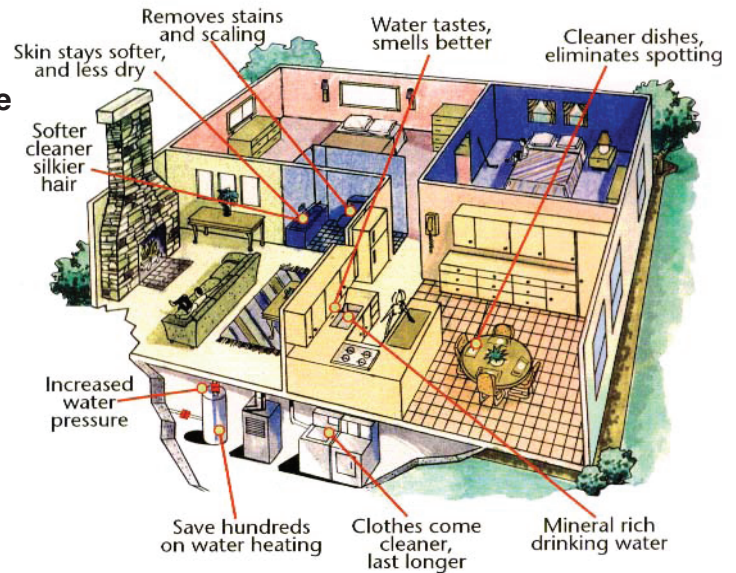
# Residential Water Treatment Systems

Data Sheet

- Reduce scale and corrosion in all types of household water pipes, furnaces, boilers, radiators
- Remove existing scale and corrosion from the inside of pipes, improves water pressure
- No external power source required
- Improve household equipment lifespan
- Affordable, cost effective

Hard water scale and corrosion in homes cause countless difficulties within a plumbing system.

Scale and corrosion narrow water supply pipes, coats the insides of water heaters and boilers, and causes visible scaling and discoloring in sinks, toilets and bathtubs.



Magnetizer systems are installed easily by the homeowner or with 30 minutes of your professional plumber's time.

Installation on the outside of pipes eliminates concern for water contamination.

## Benefits

- **Prevention of scale and corrosion**
- **Elimination of pre-existing scale and corrosion**
- **No power source required**
- **Non-invasive installation**
- **Environmentally safe and user friendly**
- **Can be used with existing water conditioning systems**

## Applications

- Water based heating systems of all types
- Hot water heaters-both gas and electric
- All water supply pipes
- Home irrigation systems
- Misting systems

## Technical Principles

The effect of a magnetic field upon water results in the disruption of the intramolecular water bonds and accordingly reduces the surface tension of the water.

It is this reduced surface tension that permits the scale to reach a higher degree of hydration. The increased hydration of the scale causes it to be weakened which allows the simple mechanical agitation of the water's movement to physically remove the scale from pipe, boiler, or whatever device the water is used in or flowing through.

In respect to the effects of the systems upon acid or alkaline water, the following is proven to be true. Non-neutral water passing through a controlled magnetic field has the net effect of combining hydronium ions or hydroxyl ions. This has a buffering effect on the water. PH of less than 7.0 will see the PH rise towards neutral and PH of greater than 7.0 lower towards neutral.

The Magnetic buffering of water tends to reduce the corrosiveness of water. Additionally, red iron rust which is water-soluble is converted to passive black iron rust.

