

About ScaleBlaster

- ◆ Prevents Scale Accumulation - Scale particles in the water receive an enhanced surface charge causing them to repel from each other and from pipe walls & equipment like tubes, jets and heat transfer surfaces
- ◆ Removes Existing Scale - Any existing scale within the system is removed within weeks and never returns
- ◆ Eliminates Toxic Chemicals - Chemical scale inhibitors can be reduced or totally eliminated. No handling and storage of hazardous chemicals on site.
- ◆ Environmentally Friendly - Discharge water regulations have made the disposal of chemically treated water a regulatory concern. ScaleBlaster™ is non-invasive and adds nothing to the water, simplifying your compliance measures.
- ◆ Reduces Corrosion - Reduces bio-corrosion by preventing the formation of bio-growth on surfaces where bacteria can attack the metal. Increases the cycles of concentration in cooling systems resulting in significant water savings.
- ◆ Controls Algae & Bacteria - Algae and bacteria need to attach to something before they can feed and reproduce. ScaleBlaster™ keeps algae, bacteria and their food dispersed in the water, away from their biofilm breeding ground. The biofilm will die, too.
- ◆ Huge Energy Savings - The primary energy savings are a result in a decrease in energy consumption in heating or cooling applications. These savings are associated with the removal of scale formation. Just a 1/4" of scale buildup can increase energy consumption 40%

Chemical Free Descaling



Extends Life of Capital Equipment - ScaleBlaster™ will extend equipment life dramatically, maximizing the return on capital investment. Reduces Maintenance & Downtime - The constant necessity of monitoring equipment, adding chemicals, balancing water chemistry and cleaning shutdowns will be greatly reduced. ScaleBlaster™ itself requires no maintenance

US HydroTech Environmental Solutions

1007 W. College Ave. #461

Santa Rosa, CA 95401

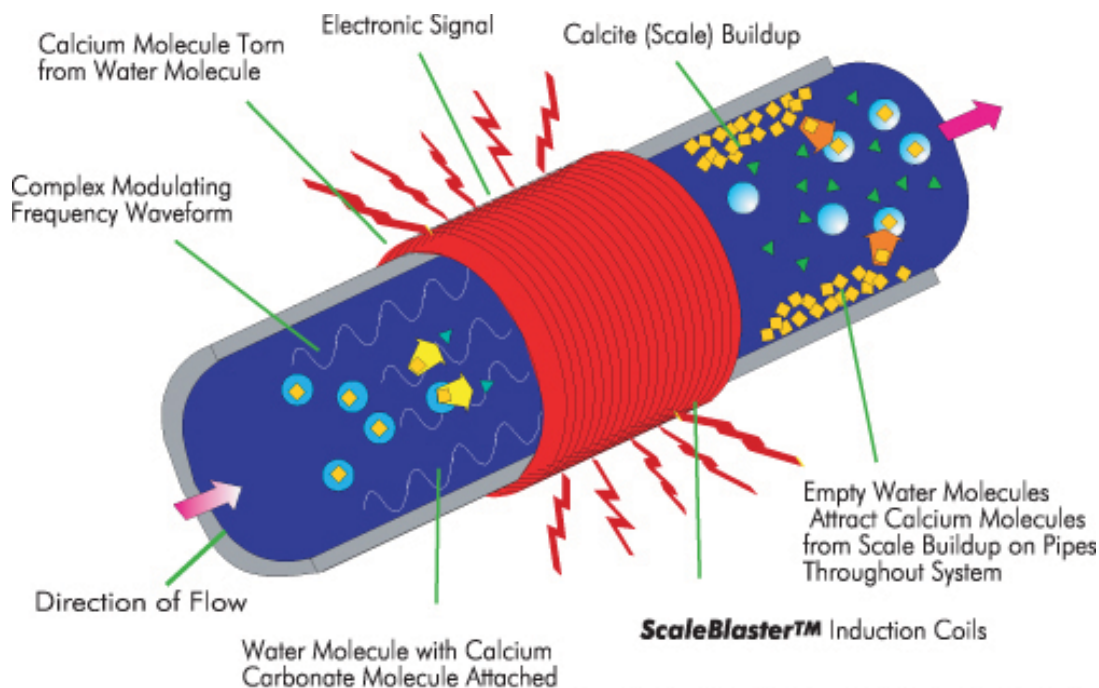
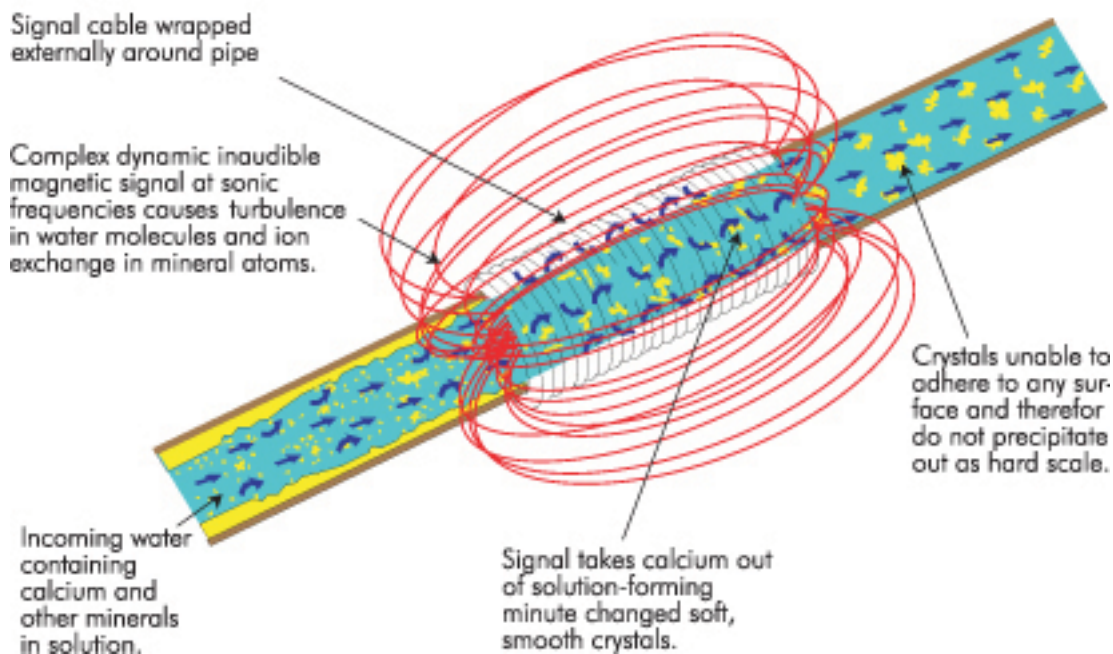
Phone 707-793-4800, Fax 888-473-3650

www.ushydrotech.com, Info@Ushydrotech.com

The ScaleBlaster Technology

ScaleBlaster's™ compact, integrated circuitry system sends a scientifically developed signal charge to an induction coil that is simply wrapped around the pipe entering your home. These inaudible sonic pulses change the electrical and physical properties of the limescale forming calcium molecules causing them to repel, rather than adhere to water pipes and fixtures. The calcium deposits are dissolved in the water and never return again

ScaleBlaster™ Signal Theory



ScaleBlaster™ Molecular Theory

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