

BROADHEAD



H₂O



THE FINAL SOLUTION FOR HARD WATER

Substantially reduces hard water build up in your plumbing system while providing conditioned water for your home, irrigation system, swimming pool and more.

PRECISION. QUALITY. RESULTS

BROADHEAD WATER CONDITIONER SCIENCE

When water passes through the BroadHead water conditioner treatment chamber, it is subjected to a series of alternating-reversing polarity permanent magnetic fields. These magnetic fields interrupt the natural scale forming characteristics of hard water minerals, temporarily altering their ionic charge identity. Rather than being attracted, they repel one another as they precipitate out of solution. Instead of forming scale, this precipitant called aragonite, forms a microscopic layer that protects plumbing and equipment against corrosion.

Additionally, the BroadHead Water Conditioner will reduce the water's surface tension causing it to become wetter and more soluble. This reverses the detrimental effects of existing scale build-up in retrofit applications, all without the use of chemicals and with no negative environmental impact.

MAGNETIC TECHNOLOGY IN ACTION

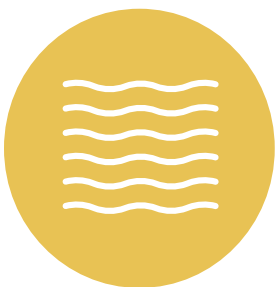
The earth itself is a giant magnet—with an iron core that generates a magnetic field that continuously protects us from deadly solar radiation—the Van Allen Belts. And although the extended science of magnetism is still not fully understood, it hasn't stopped innovators from harnessing magnetic forces and using them to change our world. Simply put, the value of magnetic technologies cannot be overstated.

- MRI or Magnetic Resonance Imaging—lifesaving diagnostic technology for healthcare
- Wind Turbines—use magnets to convert wind energy into electric current to power our homes
- Mag-lev bullet trains—levitate and propel the world's fastest rail transports

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A SUPERIOR FORMULA

More than simply applying a magnetic field to a water source like some competitors, BroadHead follows a precise formula based on water flow rate and pipe diameter.



FLOW RATE



PIPE DIAMETER



BROADHEAD'S FORMULA



SUPERIOR PERFORMANCE

By maintaining a stringent, optimized formula based on flow rate and pipe diameter, BroadHead Water Conditioners can be correctly sized and integrated precisely into any water system.

Adhering to this formula ensures that the exact amount of water flows through the magnetic fields, producing the desired effect—a proven formula of system integration — the BroadHead way.

BROADHEAD WATER CONDITIONER BENEFITS

Because Every water system is subject to the reduced performance and accumulative damage that scale and corrosion causes, every system can benefit from installing a BroadHead Water Conditioner. Our products range from the smallest residential home application to the largest industrial systems—everyone needs water that works.

BROADHEAD FOR RESIDENTIAL APPLICATIONS

BroadHead Water Conditioners help the homeowner protect their plumbing system and related appliances from scale build-up and corrosion. Energy efficiency and life expectancy of equipment are also increased, saving both time and money while reducing maintenance costs.

Water treated with BroadHead Water Conditioners will dissolve existing scale and help protect your plumbing system from future scale build-up, resulting in optimum water pressure throughout your home and increased life expectancy for your appliances and plumbing system.



DID YOU KNOW?

BroadHead water conditioners have been used in hundreds of thousands of homes, businesses and factories worldwide.



BROADHEAD FOR POOL & SPA APPLICATIONS

BroadHead Water Conditioners protect the homeowner during initial pool and spa installation by preventing the unsightly build up of hard water minerals on waterline tile, spa spillways, natural stone water features, and raised veneer walls. Preventing the need for future bead blasting and acid treatments, BroadHead Water Conditioners save the homeowner future costs associated with this very common problem.

In retrofitting any existing pool or spa with a BroadHead Water Conditioner, the homeowner will see a decrease in existing hard water/scale build up and over time hard water build up can be eliminated in it's entirety.



Eliminates the build up of hard mineral deposits on tile and natural stone

BROADHEAD FOR LANDSCAPING & IRRIGATION APPLICATIONS



Uses approximately 30% to 40% less water and promotes a healthier lawn and landscape

BroadHead Water Conditioners reduce the surface tension of water molecules. This provides an advantage for landscape and irrigation systems. Reduction in surface tension allows the ground to absorb the treated water molecules in a more efficient and timely manner. Treated water molecules also become more soluble. This increased solubility allows the treated water to mix more effectively with fertilizer and natural minerals in the soil. BroadHead Water Conditioners can be custom ordered to fit farm and ranch irrigation applications

Increased solubility and decreased surface tension allows the treated water to penetrate faster and deeper to the roots systems of grass, plants, and vegetation. Water treated with BroadHead Water Conditioners produce higher yields, healthier root systems, and a substantial reduction in water usage.

BROADHEAD FOR BOAT & RV APPLICATIONS

BroadHead Water Conditioners are ideal for boats and recreational vehicles. Apply directly to your boat and/or recreational vehicle's water source to help protect your plumbing system from scale build-up and corrosion.

Furthermore, BroadHead Water Conditioners make cleaning the exterior of boats and recreational vehicles quicker and easier by reducing water spotting and hard water stains.



Improves water pressure and protects your RV/Boat's plumbing system from corrosion

BROADHEAD FOR HOME MAIN LINE APPLICATIONS



Provides better water quality for you and your family

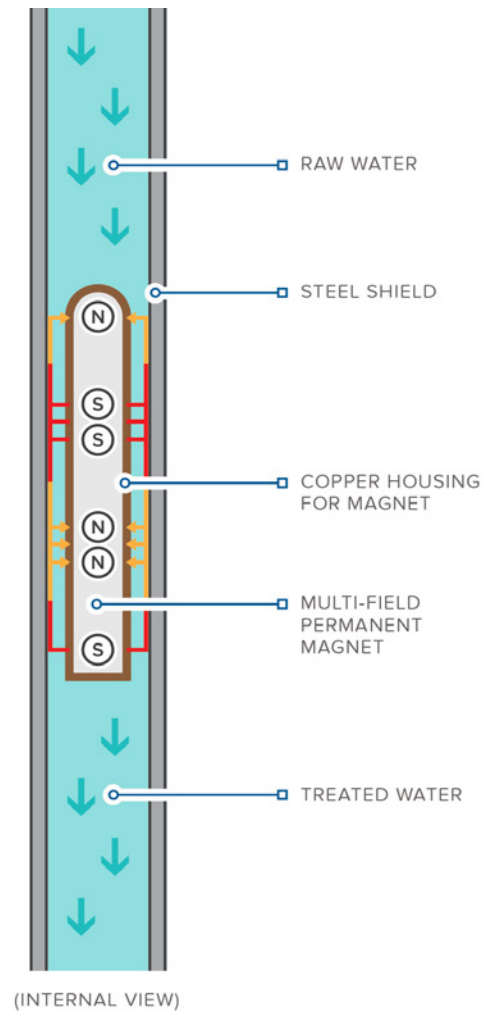
BroadHead Water Conditioners for your home's main water line work to dissolve existing harmful scale build-up, and protect the plumbing system from future build-up, thereby significantly improving the overall performance and longevity of household appliances. Washing machines and automatic dishwashers will perform better with reduced amounts of detergent and harsh additives. The operating environment for ice makers is also improved, boosting performance and extending the life expectancy of the appliance.

In addition, by eliminating scale build-up, BroadHead Water Conditioners also prevent the build-up of hard water stains on shower surfaces, including shower doors, shower heads and faucets.

BROADHEAD WATER CONDITIONER

A closer look at the internals of a BroadHead Water Conditioner reveals why ours outperforms all other types of systems:

- Design—high-grade, precision-manufactured and with an exceptionally high-quality finish
- Application Sized—to an exact formula for flow rate and pipe size to match each application, up to and including the largest industrial applications in the world
- Inlet/Outlet Connections—facilitate integration into any water system, open- or closed-loop
- Copper Magnet Housing—protects magnet without interfering with magnetic field
- Steel Shield—Focuses the magnetic field within the treatment chamber to concentrate its effect on the minerals in the water for maximum performance
- Multi-field Permanent Magnet—Exclusive, proprietary technology and the heart of superior performance—a magnet like no other on earth—prevents minerals in water from forming scale and corrosion



BROADHEAD WATER CONDITIONER IS SUPERIOR TO ALL OTHER WATER CONDITIONING SYSTEMS, CHEMICAL OR OTHERWISE

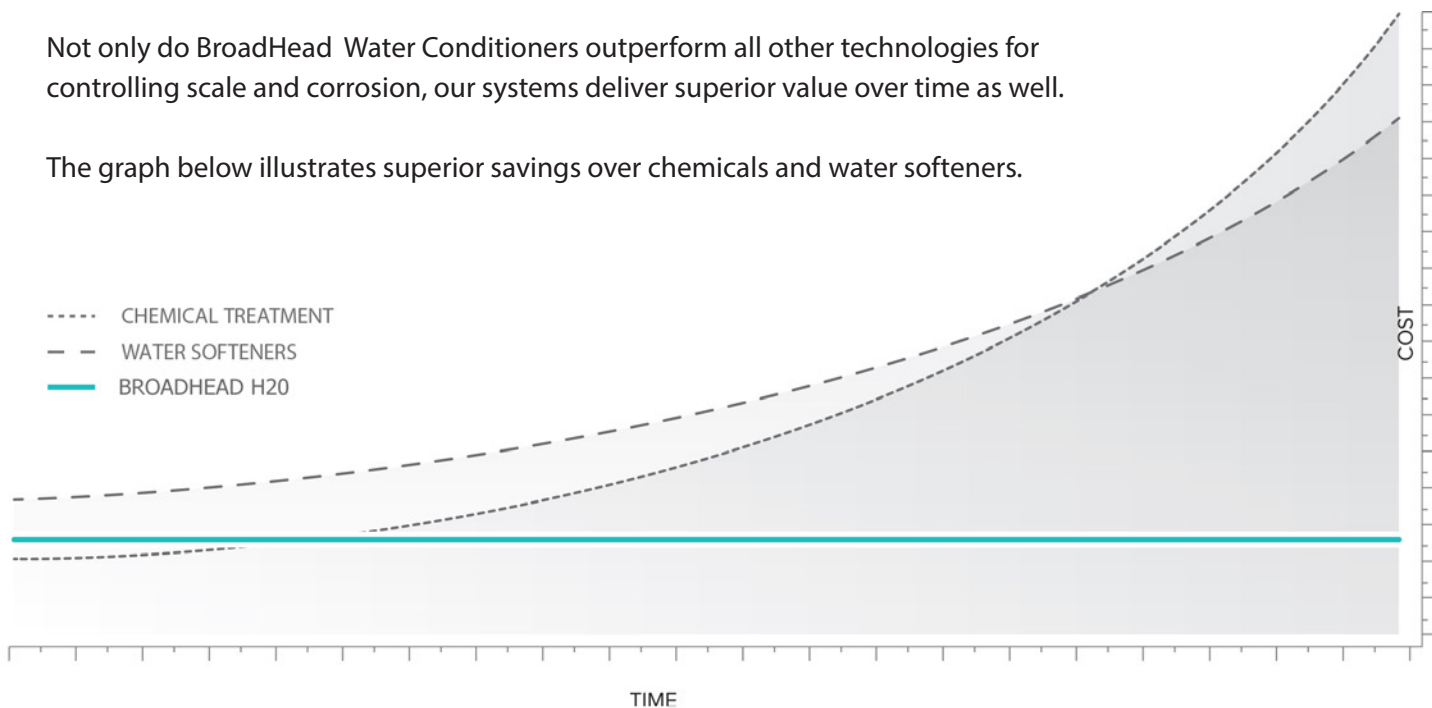
Unlike chemical water treatment and conventional water softeners, BroadHead Water Conditioners do not add harmful contaminants to water supplies, or discharge hazardous chemicals into our ecosystem, a growing environmental concern. And, unlike all other magnetic water treatment systems, only BroadHead offers its proprietary multi-field magnetic technology and 50-plus years of proven results to back it up.

	BroadHead Water Conditioners	Other permanent magnetic devices	Electro-magnetic devices	Chemical water treatment	Conventional water softeners
Softens water	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Requires no energy	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Requires no chemicals	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Produces no chemical discharge/non-polluting	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Multi-field magnetic technology	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most effective scale and corrosion control	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

BROADHEAD WATER CONDITIONER SAVINGS

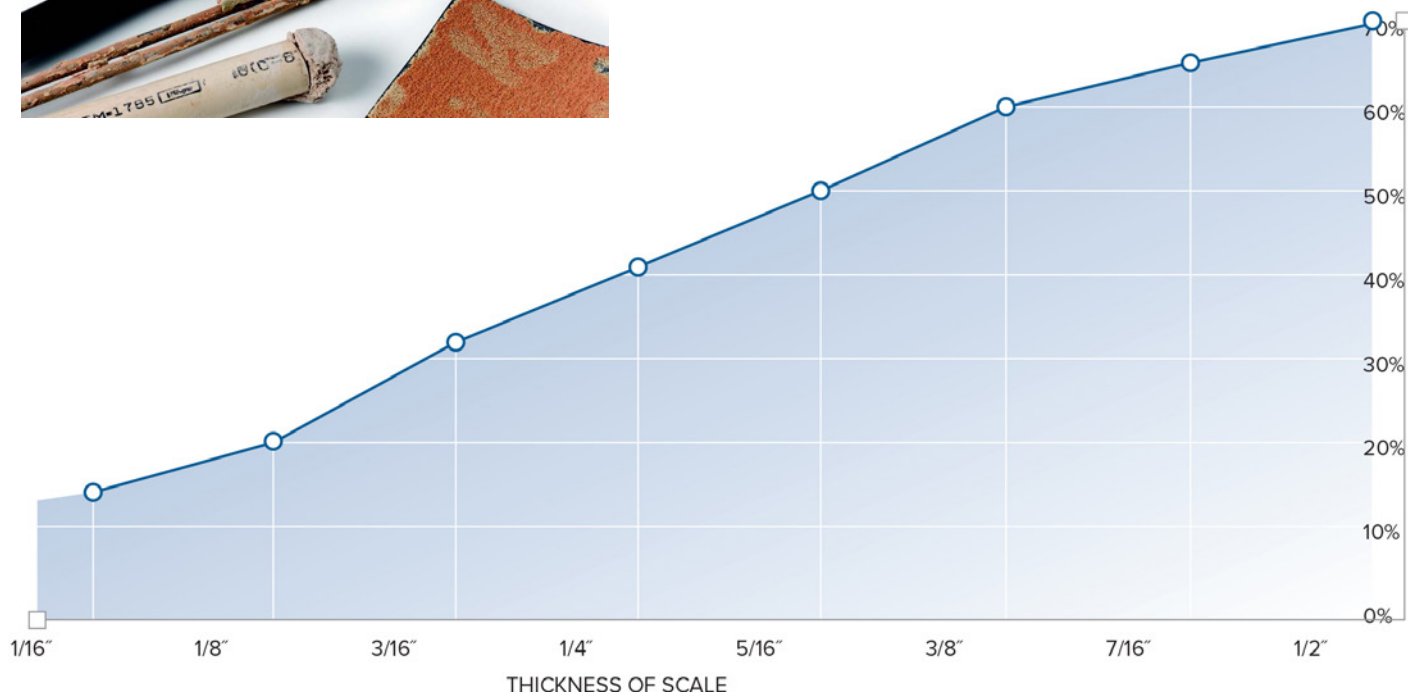
Not only do BroadHead Water Conditioners outperform all other technologies for controlling scale and corrosion, our systems deliver superior value over time as well.

The graph below illustrates superior savings over chemicals and water softeners.



BroadHead Water Conditioners effectively control scale, ensuring the long-term efficiency of heating and cooling equipment. This graph shows the increase in power costs due to scale build-up.

Source: University of Illinois and the National Institute of Standards and Technology (NIST).





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FOR MORE INFORMATION, CALL (830) 570-6764, EMAIL: MATT@BROADHEADH2O.COM
OR VISIT US @ WWW.BROADHEADH2O.COM