Residential Water Softeners
Feel Noticeably Cleaner

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Why Do I Need a Water Softener?

In addition to leaving ugly scaly residue on your plumbing fixtures and dishes, hard water presents a number of hidden problems and added costs to the affected homeowner.

- Calcium and magnesium deposits clog pipes, restricting water flow and reducing the efficiency of water heating systems.

- Lime scale deposits can significantly decrease the lifespan of household pipes and appliances by up to 30%*, leading to increased replacement costs of appliances and more frequent plumbing repairs.

- Dissolved minerals interfere with everyday cleaning tasks such as laundry, dishwashing, bathing and personal grooming; clothes may look dingy and feel rough, dishes may be spotted and hair may feel unmanageable and lack a shine.

- Since extra soap, shampoo and detergents are required in hard water, softening your water could significantly reduce the amount of phosphates leaving your home.

* Source: Water Quality Association (WQA) www.wqa.org

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From our home in northeastern US to your home and family, you can trust a water conditioning product assembled by Blake Water Solutions. Local, trusted and family owned for two generations, our products are built with pride in the USA.

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What Is Hard Water?

The term "hard water" refers to the fact that it is "hard" to form lather with soap. Water "hardness" represents the amount of scale forming minerals present in your water supply. The "hardness minerals" (calcium & magnesium) deposit and form scale buildup as you use water. Hardness is measured in grains per gallon (gpg). Hard water begins to present problems when levels exceed 3 gpg.

Blake Water Solutions' Authorized Dealer is **Your Local Water Quality Expert** — you can rely on them to help you determine the mineral levels in your specific water system and to guide you through the process of selecting the best system to deal with your specific water quality issues.

How Do Softeners Work?

As hard water passes through the resin beads in the taller tank, "hard" mineral ions are replaced by "soft" sodium ions.

When the resin beads become saturated with mineral ions, the system automatically "regenerates," replacing the hard mineral ions with sodium ions from the brine tank.

Salt is periodically added to the system, providing additional sodium ions. For customers concerned about sodium intake, non-sodium based softening agents are also available.

Your Local Water Quality Expert:

Questions to discuss with your Local Water Quality Experts?

How often does the system regenerate?
Units which regenerate on a timed schedule are available, but in most situations, a unit which regenerates based upon actual water usage will prove to be more cost effective over time.

What is the capacity rating of the unit?
Softener systems are designed to handle varying amounts of minerals between regenerations. Your Local Water Quality Expert can help you determine the grain rating required based upon your specific water usage needs. Blake Water Solutions systems cover a wide range of softening requirements, from 10,000 to 124,400 grains per service cycle.

What is the warranty on the softener unit and its components?
Blake Water Solutions' fully transferable 10-5-1 Warranty is one of the strongest guarantees in the industry! Our tanks are covered for 10 years, control valves are covered for 5 years and all other components are covered for 1 year.

Is the system certified by an independent testing organization?
Product performance and safety are not easily determined by the consumer — particularly prior to installation. NSF International certifies a wide variety of water treatment systems, including water softeners from Blake Water Solutions.

How often will I need to add salt to the unit?
While every household's water usage habits and specific mineral content may vary, the average family of four will typically require one or two bags of salt per month.

Hard water can clog pipes of any age or type. Here, we can see the dramatic impact calcium and magnesium deposits have in impeding water flow.

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