

City Softener

Remove Chlorine and Hardness

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I Have City Water.

Why Do I Need a BWS City Softener?

City and municipal water companies add chlorine to your water to purify it and kill off microorganisms and other waterborne pathogens. It is an effective and economical way to disinfect water. However, the smell and health concerns about chlorine prompt many families to find the means to remove it from their water.

City and municipal water companies are not required to remove hardness from water as it poses no public health risks. However, hard water presents a number of hidden problems and added costs to the affected homeowner. In addition to leaving ugly scaly residue on your plumbing fixtures, dishes and laundry, hard water deposits can decrease the lifespan of pipes and appliances and decrease the efficiency of water heating systems.

The BWS City Softener is the simplest solution to remove both chlorine and hardness from the water you use throughout your home with one system.



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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.

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.



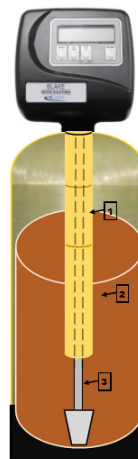
How Does the City Softener Work?

The City Softener combines a chlorine removing filter and softener in one unit. The replaceable MediaGuard™ insert(1) is filled with KDF55 which reduces the chlorine levels in the feed water before it contacts the softening resin which removes the minerals which make water hard.(2, 3) It’s important to remove chlorine in the first step because chlorine will oxidize the resin beads affecting the softening process and cut the life of your resin in half.

Removal of the minerals contributing to hardness is accomplished by softening the water through an ion exchange process. As water flows through the mineral tank, the dissolved minerals become attached to the resin. Over a period of time the resin will become exhausted, and the softener will regenerate using a brine solution.

When the softener backwashes, the MediaGuard™ also backwashes to extend the media life and minimize packing and added pressure drop.

Both the MediaGuard insert and softening resin can be replaced independently.



Questions to discuss with your Local Water Quality Experts

How often does the system regenerate?

A unit which regenerates based upon actual water usage will prove to be more cost effective over time. Units which regenerate on a timed schedule are also available.

What is the capacity rating of the unit?

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?

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.

Your Local Water Quality Expert:



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