

InLine Water Softener System Benefits

Hard water is defined by the amount of dissolved mineral content in your water. The average hardness of the water in your area is frequently reported in your local annual water quality report. If you do not know the hardness in your area, your service provider will be happy to conduct a simple test for you.

If you determine you have hard water you should consider a water softener or descaler. Spots on your dishes and limescale build up on fixtures is more than an annoyance. Scale can cause water using appliances to work harder which requires more energy and shortens the life expectancy of those appliances. You may have also noticed that it takes more soap to lather up and more detergent to get your laundry clean.

A properly selected and sized system, can ultimately save you money through reduced soap and detergent usage, energy efficiency, longer life for clothing and linens and long productive life for your water using appliances.

You should expect a minimum of three years and likely longer, before the resin media needs to be replaced. Salt or potassium will need to be added periodically as prescribed by your service professional. The variance in longevity is based on water consumption levels and the levels of impurities in your water supply.

We recommend having your service provided check your system annually to ensure it is working properly.



Benefits of the InLine Water Softener:

- Reduction in soaps and detergents needed for equal results.
- Reduction in the cost of maintenance and replacement of pipes, water heater, and other appliances.
- Reduction in water bills because less water will be used for laundering and dish washing.
- Dishes will look less spotty from the mineral deposits from hard water.
- Less minerals helps clothes come cleaner and stains come out easier so they last longer.
- No spots reduces the need for harsh chemical cleaners.
- Softer water keeps skin and hair look healthy.
- Quick lathering means good water conservation due to reduction in the amount of water being used.
- Increasing the useful life of appliances means less metals being dumped in landfills.

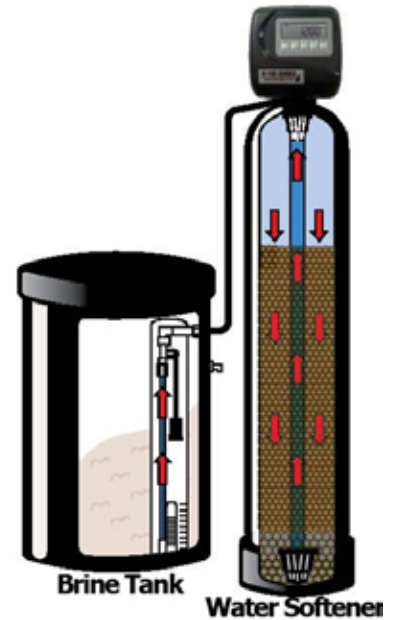
Reductions in detergents used in homes mean reductions in phosphates being sent to the sewer and eventually to wastewater treatment plants. This eventually leads to less phosphates discharge to surface water which can cause eutrophication or algae bloom which can interfere with the ecosystem.



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InLine Water Softener System Features

- Variable reserve automatically adjusts to your family's changing water-usage patterns.
- Powerful, user-friendly, reliable electronics that automatically monitor many water treatment functions including: Days since last regeneration, gallons since last regeneration, gallon reserve capacity and maximum flow rate for the last seven days, current flow rate, and total number of regenerations.
- 45 Selectable programming options ensure conditioned water for your family's needs
- Noryl™ corrosion-resistant control valve body is durable for long life; all internal components are lead-free.
- Pre-fill brine tank with softened water reduces salt-bridging problems and cleaning of brine tank.
- No need for battery backup
- Permanent memory backup of all programmed settings during power outages.



Operating parameters: Pressure range 40–100 psi; Temperature range 40°–110° F.

How it Works

1. Hard water enters your water softener and passes down through the ion exchange resin beads which are charged with sodium ions. The hard water ions (calcium and magnesium) are attracted to the ion exchange resin and an equal amount of sodium ions are bumped off into the water supply. When the water reaches the bottom of the tank, it is softened and ready to be used in your home and business.
2. When the ion exchange resin is saturated with calcium and magnesium (hard water ions) it must be recharged. (2) A strong brine solution enters the tank and flushes the calcium and magnesium ions off the ion exchange resin and attaches itself.
3. A final rinse process ensures that any unused brine is rinsed from the system and your (1) water softener is now fully recharged and ready to provide you with soft water.

