



**Pentair  
Water**



## Shower your family with conditioned comfort

Choose a home water treatment system  
with quality controls by Pentair Water®

# Introducing a system to make your home's water clearly better.

## Unconditioned water makes home life hard to love

From soap scum and scaly skin to low water pressure and costly appliance breakdowns, a homeowner pays dearly for filling their plumbing system with untreated water from a well or a municipal water system. Fortunately, the solution is easy: add a home water treatment system equipped with a Pentair Water® valve and an intelligent Logix™ controller, installed by Pentair Water professionals.

## The solution: treated water for better living... plus cost savings

The moment your new system is turned on, you'll start enjoying all the benefits treated water can bring:

- **Suds galore** whenever you shower or do household cleaning chores
- **Beautiful hair** with more luxurious volume, softness and manageability
- **Softer skin** that feels noticeably smoother after bathing, showering or shaving
- **Sparkling dishes** and china with no filmy buildup, while using half the dish soap and no dishwasher rinse additives
- **No more scrubbing** to remove water scale deposits from sinks, tubs, toilets, cutting boards and counter tops.
- **Soap savings** of up to 50% on laundry detergent, dish soap, shampoo, fabric softener and more\*
- **Energy savings** by improving water heater efficiency nearly 30%\*
- **Fluffy towels and cleaner clothes** that look brighter, feel softer and last longer
- **Cooler ice cubes** that freeze clearer and harder for more attractive drinks
- **Appliance performance** improvements in dishwashers and washing machines... no more water scale buildup on internal parts
- **Cleaner, clearer plumbing** that works easily, clogs less readily and maintains full pressure longer

*\*Source: Water Quality Association*



# Behind the benefits: a system engineered for better water and longer life.

A knowledgeable Pentair Water® professional can create a customized water treatment system for your home, adjusted to your personal water usage and the chemistry of your local water. It's a complete system, with each component carefully chosen, assembled and installed to provide plenty of clear, convenient treated water.



## Why it works better

Your water professional has two good reasons to suggest a system centered on Pentair Water components:

- 1. Trustworthy flow control:** the Pentair Water valve is designed to deliver reliably high volumes of treated water over a lengthy working life, thanks to features that improve performance and durability
  - Frictionless seal valves keep untreated and treated water completely separate
  - High flow design means less pressure drop when demand surges suddenly
  - Tough reinforced thermoplastic construction won't corrode, and is certified for material safety\*
- 2. Intelligent cycle control:** the computerized Logix™ controller governs system cycling to provide many operating advantages:
  - Choose the time clock mode or the environmentally friendly on-demand mode that regenerates only when needed, saving water and regenerant
  - Automatic power backup means no resetting in a power failure
  - Smart 28-day Variable Reserve feature "remembers" your usage pattern and adjusts to demand variations
  - Control panel with a large LCD makes it easy to change settings

Treat yourself to superior water treatment. Choose a water treatment system built around industry-leading Pentair Water products, and enjoy a system that runs as smoothly and effortlessly as the water it treats.

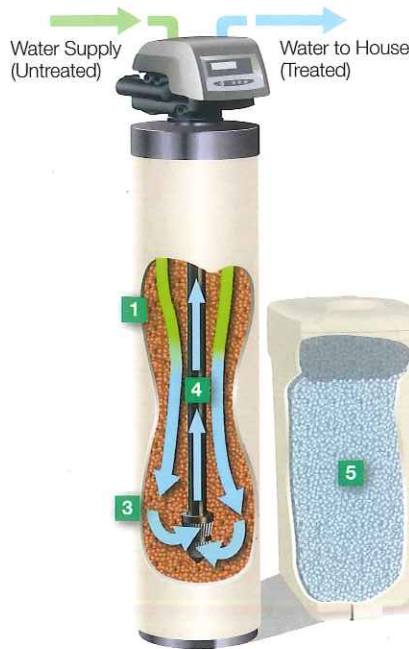
\*ANSI/NSF Standard 61 by the Water Quality Association

# How it works

The system centers around a pressurized tank filled with negatively-charged resin beads, which interact with untreated water to draw off undesirable minerals. A backwash cycle rinses away the captured minerals, followed by a regeneration cycle that recharges the beads with a brine solution.

The entire process is managed by a precisely engineered Pentair Water® valve, which works in tandem with a computerized Logix™ controller to treat your water with maximum affordability and eco-friendliness.

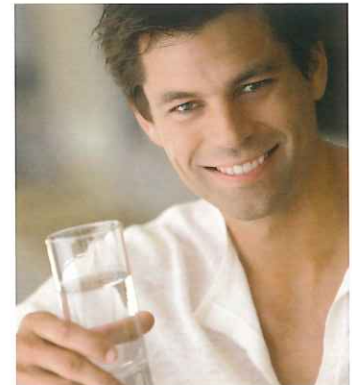
- 1 Untreated water containing impurities passes through a bed of extremely small resin beads.
- 2 Undesirable minerals are drawn to the resin beads and attach to the surface.
- 3 Virtually all unwanted minerals are removed when the water reaches the bottom of the tank.
- 4 The treated water passes up through the riser tube and is distributed throughout the house.
- 5 Regenerant from the brine tank is used to recharge the resin beads.



## Add even greater improvements to your water

Many homeowners choose to further enhance their home's water supply by adding a drinking water system or whole-home ultrafiltration. A Pentair Water system can greatly reduce the contaminants that make water taste and smell bad. Some systems also reduce waterborne chemicals that may be harmful to your family's health.

Your Pentair Water professional can install a drinking water solution to serve an entire home, or you may choose a point-of-use product that improves only water used for drinking and cooking. A new carbon filtration or reverse osmosis water system delivers safer, fresher, more flavorful water for pennies a day. You can say goodbye to costly bottled water, along with the waste from endless plastic bottles.



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