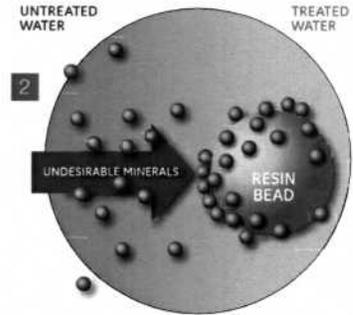


How it works

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.

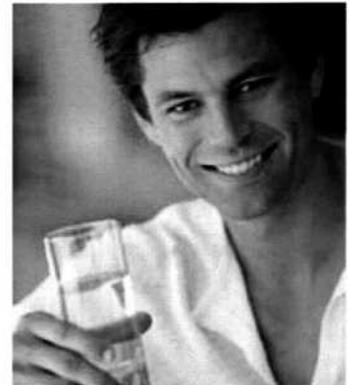
- 1 Untreated water containing impurities passes through a bed of extremely small resin beads.
- 2 Undesirable minerals are drawn to the resin beads and attach to the surface.
- 3 Virtually all unwanted minerals are removed when the water reaches the bottom of the tank.
- 4 The treated water passes up 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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