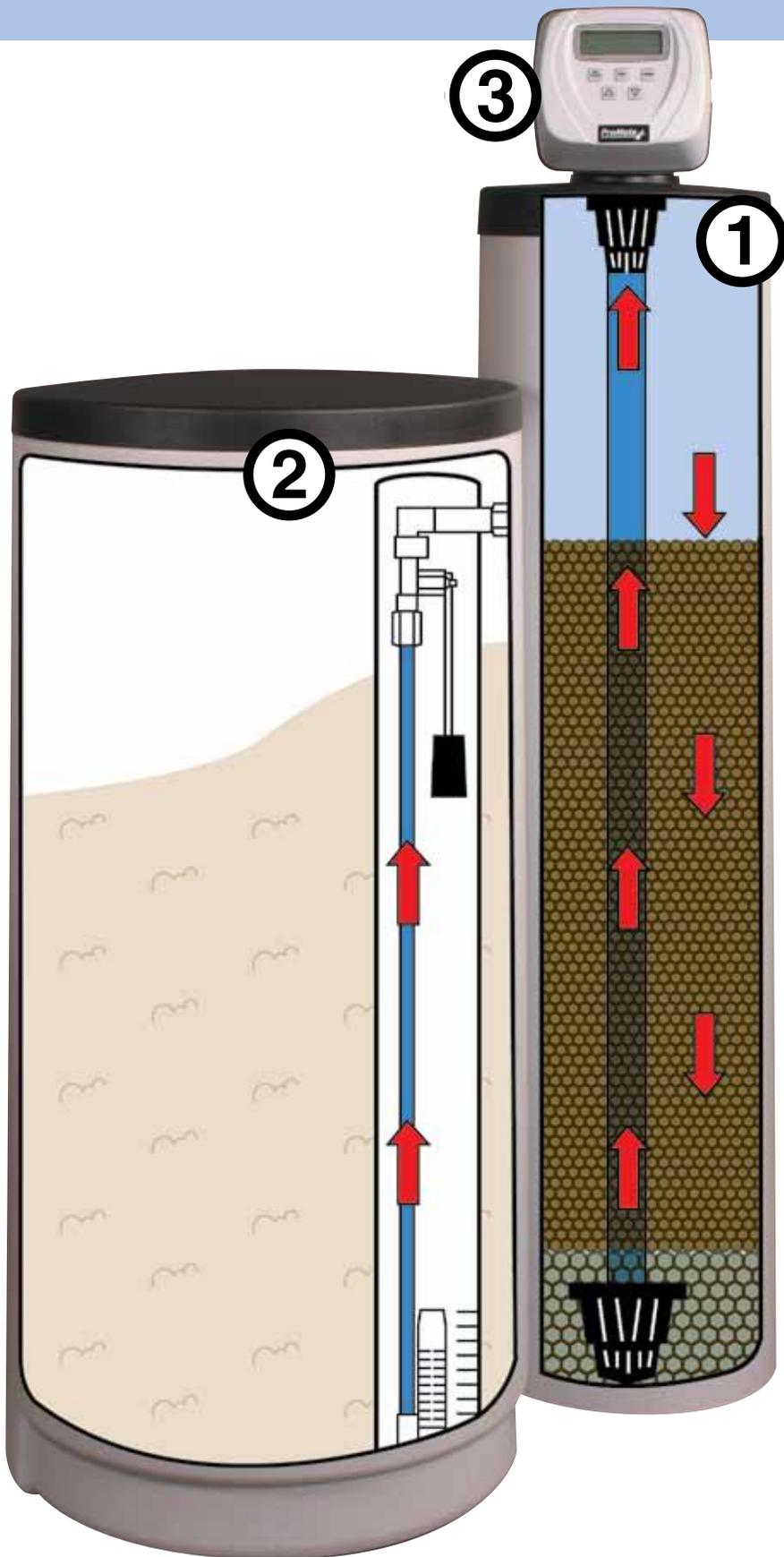


**ProMate<sup>®</sup> 1**  
WATER CONDITIONING SYSTEM



***Soft Water Savings***

# Eliminating Hard Water is Easy with a ProMate.



Life is hard – especially if you have hard water in your home. Hard water creates scale, which can shorten the life of your pipes, water heater, dishwasher, and washing machine. Hard water deposits stain sinks and bathtubs, spot glasses and dishes, and leave your laundry dull and dingy.

Put an end to hard water mineral deposits with a ProMate® water conditioner. The ProMate-1 removes calcium and magnesium, the hardness minerals, leaving your water softer, cleaner and user friendly. Soft water saves you money.

It pays to enjoy the benefits of a ProMate water softener. Why not make the switch today?

## How does a ProMate water softener work?

1. Hard water enters your water softener **1** and passes down through the ion exchange resin, 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** ProMate conditioner is now fully recharged and ready to provide you with soft water.
4. Your ProMate control valve **3** controls this entire process, including the frequency of regeneration.



Better in the bath.



Better in the laundry.



Better from the faucet.

**Take a look at the advantages of using a ProMate water softener:**

- Water heater efficiency is increased 21% to 29%.
- Save up to 70% on soap in the kitchen, laundry and bath.
- Save up to 25% on personal-care items such as hair conditioners and shaving cream.
- Appliances like dishwashers and laundry machines last up to one-third longer .
- Hot water heaters last up to twice as long.
- Clothing will be whiter, brighter and last longer.

**You'll notice a big difference in every part of your home with ProMate.**

**In the kitchen the ProMate will give you...**

- Shiny, spotless dishes and glasses.
- A sparkling-clean sink.
- Longer life for plumbing and appliances.

**In the bathroom...**

- Cleaner fixtures with less soap-scum buildup.
- Stain-free sinks, tubs, and showers.
- Softer skin and more manageable hair.
- Use less shampoo and conditioners.

**In the laundry...**

- Wash is fresher, cleaner, and brighter.
- Longer life for washing machine.
- Use less detergent.

**Fully Automatic, Dependable, and Efficient Water Conditioning System**

- Variable reserve automatically adjusts to your changing water-usage.
- 12-volt operation.
- Powerful, reliable, user-friendly, electronics automatically monitor water-treatment functions including:
  - Days since last regeneration
  - Gallons since last regeneration
  - Gallon reserve capacity
  - Maximum flow rate for the last seven days
  - Current flow rate
  - Total number of regenerations
- Display indicates time of day and gallons remaining.
- Several programmable options ensure conditioned water for your family's needs such as variable reserve, fixed reserve, calendar day override, delayed or immediate regeneration.
- Noryl™ Corrosion-resistant control valve body and corrosion-proof tanks for a longer life; all internal components are lead-free.
- Pre-fill the salt reserve with softened water reduces salt-bridging problems and cleaning of salt reserve.
- Double backwash for optimizing regeneration, cleaning ability, and improved efficiency.
- Permanent memory backup of all programmed settings during power outages with no need for battery backup.
- Insulated seamless tank jacket prevents condensation buildup, keeping your conditioner and floor dry year-round (not available on all sizes).
- Uses less than \$2 of electricity per year.
- Full-flow bypass valve.
- Optional twin alternating design available.



**The ProMate Control is User Friendly and Reliable.**

- Modular Design.
- Non-Corrosive Valve Body & Internals.
- One Piece Stack Assembly.
- No Nuts, Bolts or Screws.
- Disassemble and Reassemble in Minutes.

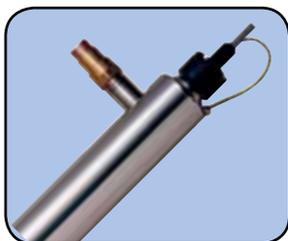


# Meet Our Family of Products.



## Millennium Drinking Water Systems

Millennium Drinking Water Systems use a technology called reverse osmosis to provide water the way it was meant to be – clear, pure, fresh, and safe - without many of the contaminants found in ordinary tap water. The Millennium Drinking Water System provides pristine, flavorful coffee, tea, juices, and better-tasting soups, sauces, and meals. Drinking quality water is an important part to maintaining a healthy lifestyle.



## Ultraviolet “UV” Disinfection Systems

All of us are exposed to ultraviolet (UV) rays from a variety of sources, including the sun. When used with water treatment in a high-powered form called “germicidal UV,” these rays are capable of disinfecting water by penetrating the cells of harmful bacteria and viruses. With proper pre-treatment for suspended solids (compounds such as iron and tannins) and softened water, these systems are effective in destroying up to 99.99% of harmful microorganisms.



## Chlorine Curtain

Hellenbrand Chlorine Curtain is used to remove unwanted chlorine, taste, and odors that may be present in your water supply. Chlorine is present in most city water supplies to prevent harmful bacteria growth as it travels from the source to your home.

While chlorine is effective in controlling many microorganisms, it can react with natural organic matter and form potentially harmful disinfection by-products (Trihalomethanes - THM's). Many of these by-products have been shown to cause cancer and have reproductive effects. Hellenbrand's Chlorine Curtain easily and effectively reduces chlorine and other unwanted tastes and odors in your drinking water.



## Iron Curtain™ Filter Systems

The patented non-chemical process used in the Iron Curtain™ Filtration system effectively removes iron and rotten egg odors that may be present in your water supply. As little as .3 ppm of iron can begin to show up in stains around your sinks, tubs, water closets, and showers, and make it difficult to get those whites “white” when doing laundry. The Iron Curtain™ System allows you to enjoy quality water, while saving you hundreds of dollars each year on the damage iron can cause in your home.

## Satisfaction Guaranteed

We back every product with a complete commitment to customer satisfaction and offer one of the most comprehensive product warranties in the water treatment industry. See product specification sheets for specific warranty details.

Your Hellenbrand Dealer:



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