



Hellenbrand®

What's In Your Water?™

ProMate® 6.5

WATER CONDITIONING SYSTEM

High Performance System



Save On Energy With Soft Water

Hellenbrand Means Quality and Reliability

The only Waunakee in the world, a village of nearly 11,500 people in south central Wisconsin, is the home of Hellenbrand Water Conditioners. Waunakee, an Indian name that means “peaceful valley,” is the ideal setting for a company with neighborly, small town concern for its customers and dealers. Since it opened its doors in 1967 Hellenbrand has offered something you rarely find anywhere today — well designed, quality products backed up with fast, reliable service. Family owned, made in the USA.

The company leaders, with a total of more than 150 years experience in the water conditioning equipment business, are proud of their reputation so that you can be proud of your Hellenbrand Water Conditioner.

With our growing national network of dealers, Hellenbrand has earned a reputation from their peers within the water treatment industry as an organization that supports its dealer network with not only well designed quality products, but with leading edge technology, extensive dealer training and simply treating our customers with good old fashioned family service.



Life Is Better With Conditioned Water!



Better in the kitchen.



Better in the bathroom.



Better in the laundry.

Soft water saves money:

- 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.
- 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 a ProMate 6.5 Softener

In the kitchen...

- 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.

Throughout the home...

- Spend less time cleaning.
- Water heater is more efficient.
- Protect pipes and plumbing fixtures.
- Cleaning products work better.

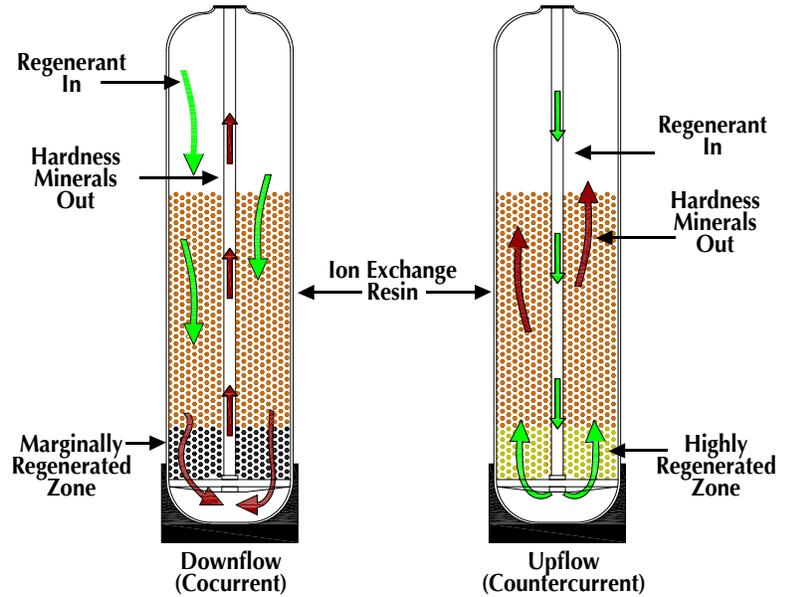
ProMate 6.5 Series - Simplicity with High Performance

The Hellenbrand ProMate 6.5 Electronic On Demand System incorporates all of the best engineering features of our ProMate 6.0 Series with additional "High Performance" designs, that provides higher capacities or more simply put "better gas mileage" and less salt used.

We have incorporated small but critical design features learned from months of testing to increase the operating efficiencies (grains of softening capacity per lb. of salt used) to nearly 5,000 grains per lb. of salt using counter-current or upflow regeneration.

- The PM6.5 uses upflow or counter-current regeneration, passing the regenerate through unused resin at the bottom of the tank, pushing the hardness minerals up through the exhausted portion of the resin bed for a more efficient regeneration.
- This allows the water leaving the tank during service to pass through the most efficient zone at the bottom of the tank.
- Variable reserve automatically adjusts to your changing water usage patterns for each day of the week, providing added savings.

- This provides better salt efficiencies, better water quality and less water used for regeneration.



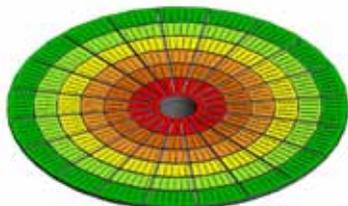
ProMate 6.5; Elegant Simplicity, Raw Power, Premium Resin

Superior Flow Technology

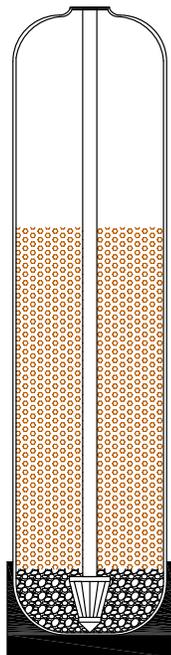
Hellenbrand's distribution plate has 56% more surface area on 10" diameter systems than standard systems with a cone type distributor, and runs the full width of the tank diameter for significantly improved performance.

- Improved bed expansion in backwash provides better cleaning of the bed.
- Less water is required to regenerate.

Array (starting at center)	% Increase of open area with respect to Array No. 1
Array No. 1	-
Array No. 2	100%
Array No. 3	200%
Array No. 4	300%
Array No. 5	400%
Array No. 6	500%



Vortech™ 10" Mid Plate



Standard Tank

Premium 10% Resin

- We use premium 10% crosslinked resin vs. most of our competitors that use 8% or less.

What does this mean?

- 10% resin is used for a lot of commercial applications, because it is stronger and lasts longer. It resists mushing and jelling from chemicals and physical breakdown.
- Damaged resin means you will use more salt and waste more water when recharging the resin for softening.
- You also have better pressure over the life of your softener.

Fewer Parts = Fewer Problems

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

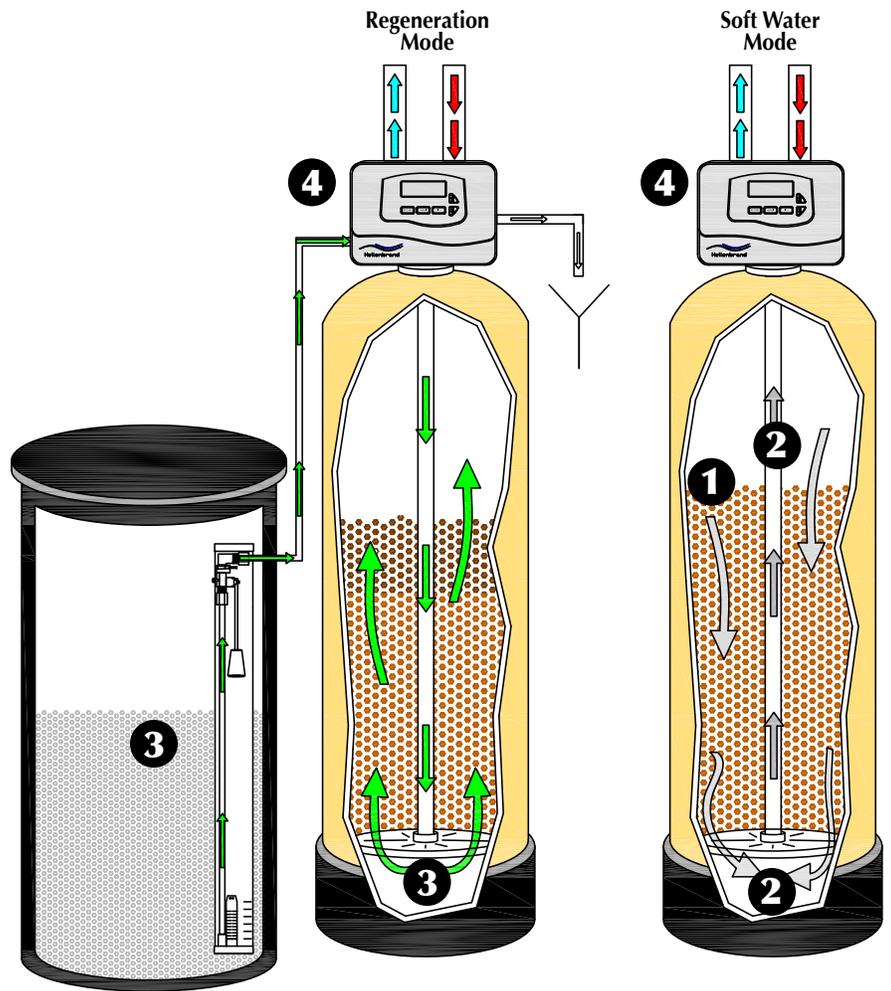


How Does a ProMate 6.5 Water Softener Work?

- 1** Hard water enters your water softener 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.
- 2** When the water reaches the bottom of the tank, it is softened and ready to be used in your home and business.
- 3** When softening resin is saturated with hard water minerals, it must be recharged. A strong salt solution enters the bottom of the tank and flushes the calcium and magnesium off the resin and the resin is recharged. The brine solution from your brine tank is the fuel to recharge the resin beads.
- 4** Your ProMate 6.5 control valve controls this entire process, including the frequency of regeneration.

The ProMate 6.5 is available in three different designs to meet your specific application:

- PM6.5 Standard Design - Softening Only
- PM6.5 DMT Design - Taste/Odor/Chlorine Removal and Softening.
- PM6.5 Twin Alternating Design 24/7 Conditioned Water Standard or DMT Design.



You'll notice a big difference in every part of your home!



Help Dry Skin and Hair

Use less shampoo and conditioner. Enjoy healthier and softer skin and hair with softened water.



Stop Discoloration and Staining

Softened water eliminates hard water stains and significantly reduces rust colored stains from iron.



Reduce Energy Costs

Softened water maintains the Energy Star ratings on your water heater by preventing rock like scale build-up, thus saving you significant dollars in energy costs and a much longer life for your water heater.



Protect Plumbing, Appliances & Fixtures

Softened water extends the life and significantly reduces the repair costs as a result of hard water. Your faucets and showerheads will last much longer and your dishes and clothes will be cleaner.

Hellenbrand

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Your Hellenbrand Dealer: