

# WaterMate-2

## WATER CONDITIONING SYSTEM

*Enjoy Softened Water Throughout Your Home*



*In the bathroom . . .*



*In the laundry . . .*



*In the kitchen . . .*

*Economical Water Conditioning System SAVES You Money!*

- *Eliminate Soap Scum*
- *Save on Cleaning Products*
- *Clothes Wash Up Cleaner*
- *Soft, Lustrous Hair*
- *Water Using Appliances Last Longer*
- *Increases Water Heater Efficiency*

- *Meter Demand*
- *Save up to 50% on Salt*
- *Easily Adjustable Regeneration Cycles*
- *Non-Corrosive Noryl™ Valve Body*

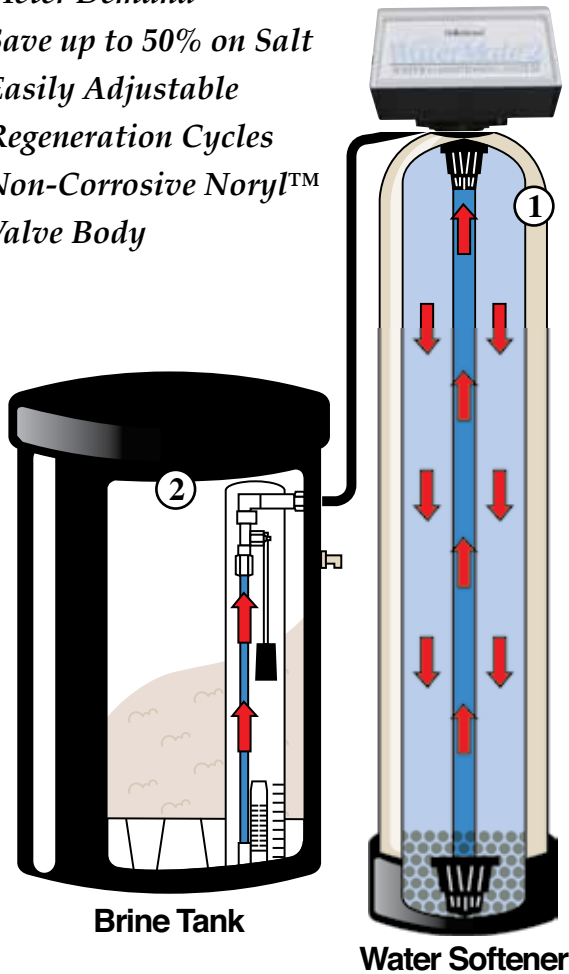


**Hellenbrand**®

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- *Meter Demand*
- *Save up to 50% on Salt*
- *Easily Adjustable Regeneration Cycles*
- *Non-Corrosive Noryl™ Valve Body*



- Non-corrosive Noryl valve body assures durability and long life.
- Stainless steel backplate prevents corrosion.
- The heart of this five-cycle control is a self-cleaning teflon coated piston. It is hydraulically balanced to equalize pressure on both sides of the piston, allowing it to move smoothly regardless of water pressure.
- The WaterMate-2 Demand Series mechanical meter accurately measures soft water outlet flow as low as .15 gpm and as high as 15.0 gpm and saves up to 50% in salt and regeneration water used. To program, simply set the hardness of water supply to the number of people in the household.
- Adjustable cycle programmer allows for efficient programming of all regeneration cycles including backwash, brine and rinse, rapid rinse and brine tank refill.
- Full flow bypass valve or in/out yoke available.
- Optional 90 degree adapter coupling simplifies installation and reduces floor space in certain applications.

### How Does A 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) water softener is now fully recharged and ready to provide you with soft water.

## Specifications

DEMAND MODEL NAME	MINERAL CU.FT.	CAPACITY			SERVICE FLOW RATING GPM/PSI	MINERAL TANK (INCHES)	BRINE TANK SIZE (INCHES)	SALT STORAGE (POUNDS)	FLOOR SPACE (WxHxD)	MODEL NAME
		LOW SALT GRAINS/LBS	MED. SALT GRAINS/LBS	HIGH SALT GRAINS/LBS						
WM2-16M	0.5	17,200/4.5	21,040/7.5	24,230/11.5	6.1/06.6	7 x 44	18 x 33	300	26x52x19	WM2-16
WM2-24M	0.75	22,930/6.0	28,060/10	32,310/15.0	8.4/09.2	8 x 44	18 x 33	300	27x52x19	WM2-24
WM2-32M	1	22,930/6.0	28,060/10	32,310/15.0	10.0/10.2	9 x 48	18 x 33	300	28x56x19	WM2-32
WM2-48M	1.5	34,400/9.0	42,090/15	48,460/22.5	9.7/09.7	10 x 54	18 x 40	375	29x62x19	WM2-48
WM2-64M	2	45,870/12.0	56,120/20	64,620/30	12.0/10.6	13 x 54	18 x 40	375	32x62x19	WM2-64
WM2-96M	3	68,810/18.0	84,180/30	96,930/45	12.0/09.7	14 x 65	18 x 40	575	33x73x19	WM2-96

As of 6/6/2011, factory setting is low salting; 6.0 lbs per cubic foot of resin for efficient salt use and reduced chloride discharge. Factory settings are programmed for clean, iron-free water such as city water supplies. On water supplies with turbidity and/or iron concentrations greater than 0.5 mg/L or high hardness levels, recommended higher salting levels and second backwash option.

1. These conditioners are designed for hardness removal and limited amounts of "ferrous bicarbonate" iron.
2. See owners manual for specific operating details.
3. These conditioners will not purify or make your water safe to drink.
4. Product improvements and design changes subject to change without notice.

**HELLENBRAND WARRANTY**  
Go to [www.hellenbrand.com](http://www.hellenbrand.com) for warranty details.

### Dealer Information:



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