

High Iron Water Softeners



ADVANTAGES OF SOFT WATER

- ◆ Radiant spot-free dishes
- ◆ Easier cleanup
- ◆ Cleaner fresher laundry
- ◆ Softer skin & manageable hair
- ◆ Save up to 50% on soap and cleaning products
- ◆ Better looking faucets and fixtures with no scale buildup
- ◆ Extend the life of your appliances
- ◆ Improved energy efficiency



How it works

Aquatek water-softening systems remove calcium and magnesium ions from hard water by replacing them with sodium ions through a process called *Ion Exchange*. Calcium and magnesium, the two key culprits of hard water, are both positively charged molecules. As the hard water pumps through the softening system, it passes through a bed of negatively charged resin beads the opposites attract. The mineral deposits cling to the resin and the now-softened water exits the softener tank and flows throughout the house.

Aquatek ATWS-HI High Iron Softeners utilize specialty resin with Shallow Shell Technology that has been proven to significantly reduce iron fouling of softener resin. Heavy metal (iron) fouling of resin builds from the center out. Since chemical regenerate strength diminishes as it travels to the center of the bead and the effectiveness of the regenerate is reduced. The solid core provides superior performance by preventing iron fouling allowing a higher chemical conversion resulting in a more completely regenerated media bed. The higher regeneration efficiency provides quicker rinse time, salt usage and no opportunity to compound iron fouling.

Add Wireless
Low Salt Alerts!



R-2014
Wireless
Salt Sensor



FEATURES

- ◆ Full port metered electronic control valve saves up to 50% salt & water usage
- ◆ Protects plumbing fixtures & appliances from hard water damage
- ◆ Tracks daily usage and automatically adjusts to match demand
- ◆ Eliminates water spots and lime scale build up
- ◆ Leaves your skin and hair softer and more manageable

QUESTIONS
ABOUT SODIUM?



SYSTEM SPECIFICATIONS:

Operating Parameters

Water Pressure Range	40 - 100 psi
Maximum Hardness	50 Grains Per Gallon
Maximum Iron	10 ppm - Clear

Model Number	Grain Capacity	Flow Rate @ 15 psid	Pipe Size	Electrical	Salt Storage / Usage (lbs)	Brine Tank Size (in)	Mineral Tank Size (in)	Total System Size (in)
ATWS100-HI	30,000	12	1" NPT Elbow	120v. 60Hz	200 / 10	16 x 33	9 x 48	27 x 27 x 55
ATWS150-HI	45,000	15	1" NPT Elbow	120v. 60Hz	200 / 15	16 x 33	10 x 54	29 x 29 x 65
ATWS200-HI	60,000	17	1" NPT Elbow	120v. 60Hz	200 / 20	16 x 33	12 x 52	30 x 30 x 65
ATWS300-HI	90,000	21	1.25" NPT	120v. 60Hz	250 / 30	18 x 33	14 x 65	32 x 32 x 80
R-2014	Description:	Revere Wireless Low Salt Sensor. Add to any ATWS system and receive wireless updates when it is time to add salt.						