



MADE IN USA

## “HIGH IRON” Water Softeners

### Features

- *Salt & Water Saving Technology Softening Resin – Saves up to 50%*
- *Shallow Shell Technology\*\**
- *The full 1” ported control valve design allows for the highest flow rates from a 1” water softener*
- *The electronic microprocessor keeps track of water used each day and adjusts itself to match your needs*



2 Tank Models

NEW Shallow  
Shell  
Technology for  
Iron Reduction



# Softener Specifications

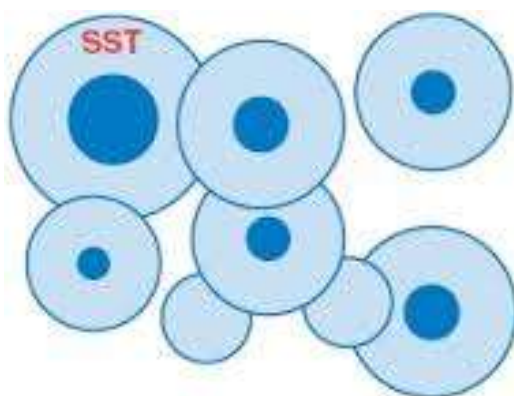


## Two Tank "HIGH IRON" Water Softeners - Residential

Model Number	ATWS100-HI	ATWS150-HI	ATWS200-HI	ATWS300-HI
Grains Capacity	30,000	45,000	60,000	90,000
Max. Hardness (gpg)	50	50	50	50
Max. Iron (clear - ppm)*	15*	15*	15*	15*
Flow Rate @ 15 psid	12	15	17	21
Pipe Size	1" NPT Elbow	1" NPT Elbow	1" NPT Elbow	1.25" NPT
Water Pressure Limits	40 - 100 psi	40 - 100 psi	40 - 100 psi	40 - 100 psi
Electrical	120 V. 60 Hz	120 V. 60 Hz	120 V. 60 Hz	120 V. 60 Hz
Salt Used Per Regeneration	6 lbs.	9 lbs	12 lbs.	18 lbs.
Salt Storage	250 lbs.	250 lbs.	250 lbs.	300 lbs
Brine Tank Diameter	18	18	18	18
Brine Tank Height	33	33	33	40
Mineral Tank Diameter	9	10	12	14
Mineral Tank Height	44	52	52	65
Overall Space Requirements	27" x 27" x 55"	29" x 29" x 65"	30" x 30" x 65"	32" x 32" x 80"
Approx. Shipping Weight	90 lbs.	125 lbs	150 lbs	170 lbs.



**Note\*:** Mineral cleaner and 5 micron sediment filter recommended



**\*\*Shallow Shell Technology** 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.

**Contact our technical sales department for more information**

