



## FEATURES

- Eliminates hardness (Calcium & Magnesium)
- Eliminates Iron/Manganese stains and taste
- *Signature Series*™ timeclock or meter initiated controls
- Advanced Electronic Technology & Simple programming
- Adjustable cycle times
- Calendar Day Override (metered versions only)
- Battery Back-Up
- Independently operated inlet/outlet bypass valve
- 3/4" FNPT stainless steel yoke connection
- 1" FNPT stainless steel yoke connection (optional)
- Features Enpress® Vortech™ distributor plate
- High capacity fine mesh cation exchange resin
- Garnet sand underbed to minimize pressure loss
- High Flow brine safety float assembly, overflow fitting, gridplate and brine well
- Includes Res-up Resin Cleaner Dispenser
- Other valve options available at an additional cost

## It's An Affordable Necessity!

Water hardness is actually dissolved rock! Calcium and Magnesium can cause scale build-up in pipes and hot water tanks, and cause laundry to come out stiff and gray. When iron is present, sinks, fixtures and clothes can be stained or ruined. It takes more energy and cost to heat hard water, plus you can use twice the amount of soaps, detergents, shampoos and related products compared to soft water.

Soft water can prevent soap build up and can give skin and hair a silky look and feel. Clothes are brighter and last longer without deposits trapped in their fabric. Water pipes and appliances run more efficiently without scaling.

Soften Water the Natural Way		Save Soap, Appliances, Clothing and Energy
<b>CONDITIONED WATER SAVES MONEY</b>		
Add up what you now spend and see what you can save		
Cost	Soap / Chemical Savings 70% Laundry Detergents, Fabric Softeners, Pre-Soaks, Bleach, Plus More Efficient Cleaning Saves Time	Save
Cost	Clothing Savings 33% Clothing Budget	Save
Cost	Appliance Savings 25% Maintenance, Depreciation and Replacement	Save
Cost	Water Heater Fuel Savings (22% Gas / 17% Electric) Gas Heater Fuel Electric Heater	Save
Cost	Personal Care Items 25% Bar Soap, Shampoos and Rinses, Razor Blades, Softener Chemicals (Save 100%) Bath Oils, Skin Creams	Save
	<b>TOTALS</b>	

General Specifications	Two Tank			
	TSI32 MSI32	TSI48 MSI48	TSI64 MSI64	TSI96 MSI96
Grains Capacity / Regeneration	35,000	52,500	70,000	105,000
	32,000	48,000	64,000	96,000
	26,500	39,750	53,000	85,000
Salt Used / Regeneration (pounds)	15.0	22.5	30.0	45.0
	10.0	15.0	20.0	25.0
	6.0	9.0	12.0	18.0
Maximum Raw Water Hardness (grains)	75	100	100	100
Maximum Clear Iron / Manganese (ppm)	15	20	20	20
Exchange Resin (cu. ft.) Garnet Sand Underbed	1.0	1.5	2.0	3.0
	15 lbs.	15 lbs.	35 lbs.	35 lbs.
Mineral Tank (polyglass)	9x48	10x54	13x48	14x65
Brine Tank (polyethylene with grid & safety)	18x33	18x33	18x33	18x40
Service Flow Rate (gpm)*	10.0	11.0	12.0	14.0
Backwash Flow Rate (gpm)	1.2	1.5	2.4	3.0
Gallons Used / Regeneration	59	68	102	135
Space Required (DxWxH inches)	18x27x56	18x28x62	18x31x56	18x32x74
Approximate Shipping Weight (pounds)	115	148	169	320

\* The pressure drop does not exceed 15.0 psi at the service flow rate.

