

WATER SOFTENING SYSTEMS

3900 3" SERIES SINGLE UNIT

Single Tank Standard Features:

- Electronic Controls
- Colored User Alert
- Female Inlet/Outlet Connections
- Lead-Free Brass Control Valves
- No Hard Water By-Pass
- Fiberglass Tanks
- Premium Grade ion Exchange Resin
- Pressure Gauge / Sample Valve Ports

Optional Features:

- Flow Meter
- Steel & ASME Tanks
- Pumped Brine
- Skid Mounting With Pre-Piping
- Custom Tailoring
- Brine Reclaim
- Auxilliary Outputs

Custom Configurations Built to User Requirements

Systems can be built to fit a wide range of user applications

Choice of Brine Tanks (Shown Below)

Type	Dimensions	Salt Cap.	Salt Grid
Blow Molded	24" x 50"	800 lbs	Optional
Rotational Molded	30" x 48"	1200 lbs	Optional
Rotational Molded	39" x 48"	2500 lbs	No
Rotational Molded	42" x 60"	3600 lbs	No
Rotational Molded	50" x 60"	5000 lbs	No



Model 2000 Softener Shown

PRODUCT SPECIFICATIONS

Model No.	Media Qty Cubic Feet	Grains of Capacity			Flow @ 15 psi drop	Flow @ 25 psi drop	Media Tank Dia. X H	Max Drain Flow gpm	Brine Tank Dia x H ¹
		15 lbs/cu. ft.	10 lbs/cu. ft.	5 lbs/cu. ft.					
1000	10.0	300000	250000	200000	120 gpm	170 gpm	24" x 72"	12.0	24" x 50"
1500	15.0	450000	375000	300000	160 gpm	215gpm	30" x 72"	20.0	30" x 48"
2000*	20.0	600000	500000	400000	175 gpm	250 gpm	36" x 72"	30.0	39" x 48"
3000*	30.0	900000	750000	600000	195 gpm	260 gpm	42" x 72"	40.0	42" x 60"
4000*	40.0	1,200,000	1,000,000	800000	210 gpm	280 gpm	48" x 72"	50.0	50" x 60"

Exchange capacity based on treating water with 10 grains per gallon total hardness @ 10 gpm per cu. ft. and free of color, odor and turbidity.

*Minimum salt dosage is 6 lbs. per cu. ft.

1) Size based on 10 lbs. per cu ft. salt dose.

ADDITIONAL OPERATING INFORMATION

For use on potable water only.
Not intended to be used to treat water that is micro biologically unsafe or of unknown quality.
Installation must comply with all state and local codes.
Tank dimensions are based on fiberglass only. Steel tanks dimensions will vary.
Specifications subject to change without notice.

Operating Water Temperature Range
Max 120°
Operating Ambient Temperature Range
Max 120°
Operating Pressure Range
Max 125 psi
Electrical Requirements
Feedwater Turbidity
Chlorine
Iron

Max 100°
Max 120°
Max 125 psi

Minimum 35°
Minimum 35°
Minimum 20 psi
24v-60hz
5.0 N.T.U. Max
1.0 mg/l Max
>5 mg/l Consult Aqua Systems



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