

WATER SOFTENING SYSTEMS

2850 1.5" SERIES SINGLE UNIT



Model 500 Softener Shown

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

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.					
300	3.0	90000	75000	60000	30 gpm	41 gpm	14" x 65"	4.0	18" x 40"
400	4.0	120000	100000	80000	33 gpm	45 gpm	16" x 65"	5.0	24" x 50"
500	5.0	150000	125000	100000	36 gpm	49 gpm	18" x 65"	7.0	24" x 50"
700	7.0	210000	175000	140000	38 gpm	52 gpm	21" x 62"	10.0	24" x 50"
1000	10.0	300000	250000	200000	42 gpm	56 gpm	24" x 72"	12.0	24" x 50"

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.

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
Operating Ambient Temperature Range
Operating Pressure Range
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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