

# WATER SOFTENING SYSTEMS

## 2900 2" SERIES SINGLE UNIT



Model 1000 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
Rotational Molded	42" x 60"	3600 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 <sup>1</sup>
		15 lbs/cu. ft.	10 lbs/cu. ft.	5 lbs/cu. ft.					
300	3.0	90000	75000	60000	32 gpm	50 gpm	14" x 65"	4.0	18" x 40"
400	4.0	120000	100000	80000	42 gpm	55 gpm	16" x 65"	5.0	24" x 50"
500	5.0	150000	125000	100000	50 gpm	65 gpm	18" x 65"	7.0	24" x 50"
700	7.0	210000	175000	140000	60 gpm	85 gpm	21" x 62"	10.0	24" x 50"
1000	10.0	300000	250000	200000	72 gpm	95 gpm	24" x 72"	12.0	24" x 50"
1500	15.0	450000	375000	300000	80 gpm	110 gpm	30" x 72"	20.0	30" x 48"
2000*	20.0	600000	500000	400000	94 gpm	125 gpm	36" x 72"	25.0	39" x 48"

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  
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



Aqua Systems Commercial & Industrial • 114 Vista Parkway • Avon, Indiana 46123  
317-272-6715 • 800-997-5492 • Fax 317-272-6728

www.aquasystemsci.com • e-mail: commercialindustrial@aquasystems.com