

# PRODUCT DATA SHEET

## AUTOMATIC WATER SOFTENER SYSTEMS

### HIGH FLOW COMMERCIAL 2900 SERIES



Model Shown: 2900-1000

#### Multi (from 2 to 4) Units Standard Features:

- Electronic Controls
- 2" Female Inlet/Outlet Connections
- Fleck 2900 Lead-Free Brass Valves
- Motor-Driven Piston-Operated
- Premium Grade Softening Media
- No Hard Water By-Pass
- Fiberglass Resin Tanks
- Seamless Brine Tank(s)
- Safety Overflow System
- Dry Salt-Grid System (thru 30" Brine Systems)
- Ports for Pressure Gauge & Sample Valve Installations

#### Optional Features:

- Mechanical Controls
- Electronic or Mechanical Flow Meter(s)
- Steel & Customized Resin Tanks
- ASME Tanks
- Pressure Gauges
- Sample Valves

#### Choice of Brine Tanks (Shown Below)

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

## PRODUCT SPECIFICATIONS (per unit)

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	Distributor Type
		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	Std
400	4.0	120000	100000	80000	42 gpm	55 gpm	16" x 65"	5.0	Std
500	5.0	150000	125000	100000	50 gpm	65 gpm	18" x 65"	7.0	Std
700	7.0	210000	175000	140000	60 gpm	85 gpm	21" x 62"	10.0	Hub & Lat
1000	10.0	300000	250000	200000	72 gpm	95 gpm	24" x 72"	12.0	Hub & Lat
1500	15.0	450000	375000	300000	80 gpm	110 gpm	30" x 72"	20.0	Hub & Lat
2000*	20.0	600000	500000	400000	94 gpm	125 gpm	36" x 72"	25.0	Hub & Lat

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.

### 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.

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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