

WATER SOFTENING SYSTEMS

GEN II 1.25" SERIES SINGLE UNIT



Model 300 Softener Shown

Single Tank Standard Features

- Advanced Electronics
- Colored User Alert & Information Screens
- Fiberglass Tanks
- Premium Ion Exchange Resin
- Pre-programmed & prepared for on site assembly
- Seamless Blow Molded or Rotational Molded Brine Tanks
- Pressure Gauge / Sample Valve Ports
- Soft Water Refill
- Service Alarm

1.25" Noryl Body Control Valve

- Single Drive Piston Operated
- Soft Water Brine Refill
- Pipe Connection Kits for 3/4" thru 1.5"
- Pipe Connections for Copper, PVC, CPVC & Pex
- Auxiliary Operation Options
 - Alarm Relay Output
 - Control up to two separate relay operations
 - Control Two Separate Auxiliary Valves

Optional Features

- Flow Meter
- Salt Monitor with Alarms
 - Low Salt Level
 - Brine Unused No Draw
- Steel and ASME Tanks
- Choice of Brine Tank Size
- Pumped Brine
- Skid Mounting Pre-Piping
- Custom Tailoring
- Brine Reclaim
- No Hard Water By-Pass Piston

Custom Configurations Built to User Requirements

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
		15lb/ Cubic Feet	10lb/ Cubic Feet	5lb/ Cubic Feet					
200	2.0	60,000	50,000	40,000	25	34	12" x 54"	2.7	18" x 40"
300	3.0	90,000	75,000	60,000	24	33	14" X 65"	4.2	18" x 40"
400	4.0	120,000	100,000	80,000	25	34	16" X 65"	5.3	24" x 50"
500	5.0	150,000	125,000	100,000	27	35	18" X 65"	7.5	24" x 50"
700	7.0	210,000	175,000	140,000	27	35	21" x 62"	9	24" x 50"

1) Size based up to 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.
 Pressure drops are based on clean media bed.
 Specifications subject to change without notice.

Operating Water Temperature Range
 Operating Ambient Temperature Range
 Operating Pressure Range
 Electrical Requirements
 Feed Water Turbidity
 Chlorine
 Iron

Max 100°
 Max 110°
 Max 125 psi
 110V-60Hz primary

Minimum 35°
 Minimum 35°
 Minimum 20 psi
 12V-60Hz operating
 5.0 NTU 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