

# WATER SOFTENING SYSTEMS

## GEN II 1" SERIES SINGLE UNIT



Model 200 Softener Shown

### Single Tank Standard Features

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

### 1" 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 & 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

Systems can be built to fit a wide range of user applications  
ASME tanks available on request

## 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>
		15lb/ Cubic Feet	10lb/ Cubic Feet	5lb/ Cubic Feet					
100	1.0	30,000	25,000	20,000	12	15	9" x 48"	2.2	18" x 40"
200	2.0	60,000	50,000	40,000	14	18	12" x 54"	2.7	18" x 40"
300	3.0	90,000	75,000	60,000	16	20	14" X 65"	4.2	18" x 40"
400	4.0	120,000	100,000	80,000	17	21	16" X 65"	5.3	24" x 50"
500	5.0	150,000	125,000	100,000	17	22	18" X 65"	7.5	24" x 50"
700	7.0	210,000	175,000	140,000	20	25	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



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