

# WATER SOFTENING SYSTEMS

## GEN II 2" SERIES SINGLE UNIT



Model 700 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
- Pre-Service Rinse
- Soft Water Refill
- Service Alarm

### 2" FPT Lead Free Brass Control Valve

- Single Drive Piston Operated
- Soft Water Brine Refill
- NSF / FDA Approved Black Coating
- 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 <sup>1</sup>
		15lb/ Cubic Feet	10lb/ Cubic Feet	5lb/ Cubic Feet					
300	3	90,000	75,000	60,000	39	50	14" X 65"	4.2	18" x 40"
400	4	120,000	100,000	80,000	47	60	16" X 65"	5.3	24" x 50"
500	5	150,000	125,000	100,000	53	69	18" X 65"	7.5	24" x 50"
700	7	210,000	175,000	140,000	66	85	21" x 62"	9	24" x 50"
1000	10	300,000	250,000	200,000	73	94	24" x 72"	13	24" x 50"
1500	15	450,000	375,000	300,000	84	109	30" x 72"	20	30" x 48"
2000	20	600,000	500,000	400,000	93	119	36" x 72"	25	39" x 48"
3000	30	900,000	750,000	600,000	96	125	42" x 72"	40	42" x 60"
4000	40	1,200,000	1,000,000	800,000	98	127	48" x 72"	50	50" x 60"

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.  
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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