

PROGRAMMABLE GEN II SOFTENING SYSTEMS

SINGLE UNIT 1.5" SERIES



Model 500 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
- Premium Grade Softening Media
- Pressure Gauge / Sample Valve Ports

1.5" 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
 - Optional No Hard Water Bypass
 - Control Two Separate Auxiliary Valves

Optional Features

- No Hard Water By-Pass
- Electronic Flow Meters
- Salt Monitor & Alarm
- Steel and ASME Tanks
- Choice of Brine Tank Size
- Pumped Brine
- Skid Mounting Pre-Piping
- Custom Tailoring

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 (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
		15lb/ Cubic Feet	10lb/ Cubic Feet	5lb/ Cubic Feet					
300	3.0	90,000	75,000	60,000	33	44	14 X 65	4.2	STD
400	4.0	120,000	100,000	80,000	36	50	16 X 65	5.3	STD
500	5.0	150,000	125,000	100,000	40	54	18 X 65	7.5	STD
700	7.0	210,000	150,000	140,000	43	58	21 x 62	9	H&L
1000	10.0	300,000	250,000	200,000	45	60	24 x 72	13	H&L

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.

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