

WATER SOFTENING SYSTEMS

GEN II 1.5" SERIES SINGLE UNIT

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 Molding or Rotational Molding Brine Tanks
 Pressure Gauge / Sample Valve Ports
 Soft Water Refill
 Service Alarm

1 1/2" 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



Model 500 Softener Shown

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					
300	3.0	90,000	75,000	60,000	33	44	14" x 65"	4.2	18" x 40"
400	4.0	120,000	100,000	80,000	36	50	16" x 65"	5.3	24" x 50"
500	5.0	150,000	125,000	100,000	44	57	18" x 65"	7.5	24" x 50"
700	7.0	210,000	150,000	140,000	50	64	21" x 62"	9	24" x 50"
1000	10.0	300,000	250,000	200,000	53	68	24" x 72"	13	24" x 50"
1500	15.0	450,000	375,000	300,000	58	75	30" x 72"	13	30" x 48"

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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