

# PRODUCT DATA SHEET

## PROGRAMMABLE SOFTENING SYSTEMS

### 1.5" SmartChoice™ GEN II SYSTEMS



Model Shown: 300 Single Tank Softener

#### Standard Features:

##### Advanced Electronics

- Water Management & Conservation Tools
- User Alert & Information Screens
- All Single Systems Expandable to Multi-Tank Systems
- Multi-Tank Options of Alternating or Series Cycling
- Refer to GEN II Summary for additional details

##### 1.5" FPT Lead Free Brass Control Valve

- Single Drive Piston Operated
- Soft Water Brine Refill
- NSF / FDA Approved Black Coating
- Auxiliary Operation Options
  - Control up to two separate relay operations
  - Optional No Hard Water Bypass
  - Control Two Separate Auxiliary Valves

##### Optional Meter For Volume Based Regeneration

- 1.5" Meter - .5 - 60 gpm Range
- 2.0" Meter - 1.5 - 150 gpm Range - (for multi-tank systems)

##### Base Systems Provide Wide Range of Softening Requirements

- Fiberglass Media Tanks
- Premium Ion Exchange Media
- Pre-programmed & prepared for on site assembly
- Seamless Blow Molded & Rotational Molded Brine Tanks

##### 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	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



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