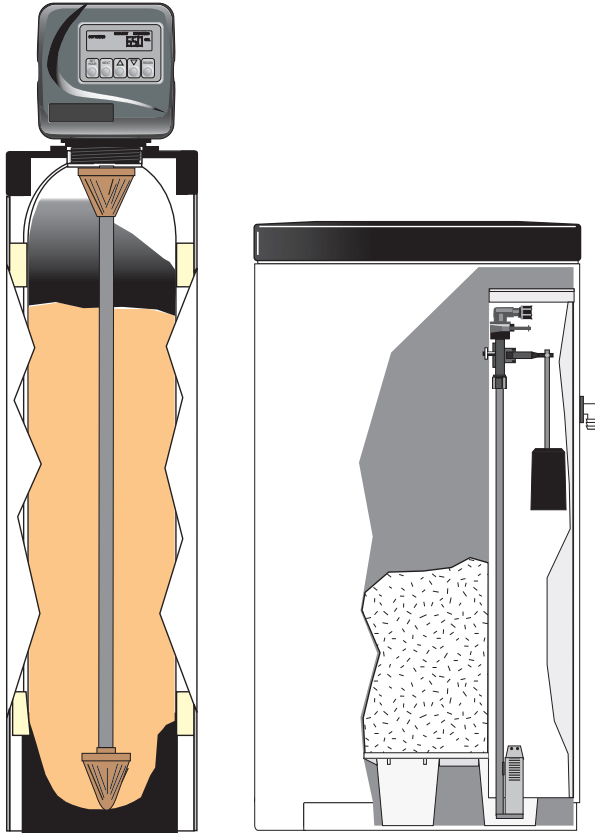


PRODUCT DATA SHEET

AUTOMATIC WATER CONDITIONING SYSTEMS

WS1 DEMAND STANDARD RISER MODELS



Shown With Optional Thermal Tank Shroud

Standard Features:

- Regenerates When Needed, Based On Water Usage
- 1" High Flow Design
- Single Point High Flow Distributor - For Maximum Flow Rates
- Double "Polishing" Backwash
- Corrosion Resistant Components
- No Fasteners, Screws, or Bolts
- Single Motor Driven Piston Operated
- Circuit Board is Enclosed and Separate From Salt Tank
- Premium Grade Ion Exchange Resin
- Lifetime Seamless Fiberglass Resin Tank (up mdl 250)
- Soft Water Brine Tank Refill
- Choice of Brine Systems
- Safety Shut-Off
- Dry Salt-Grid System

Options:

- Choice of Pipe Connections
- Tank Jacket - White w/ Black Trim - (100 - 150)
- Thermal Tank Shroud - White w/ Black Trim - (100 - 150)
- Rain Cover For Outdoor Installations

Type	Shape	Dimensions	Amt Salt	Models
Compact	Square	11" x 36"	150 Lb	100-150
Space Saver	Rectangle	15" x 17"	240 Lb	100-150
Short Standard	Round	18" x 33"	240 Lb	100-200
Standard	Round	18" x 40"	320 lb	100-250
Commercial	Round	24" x 50"	800 lb	300-700

See manufacturers warranty sheet for details on warranty

PRODUCT SPECIFICATIONS

Model No.	Media Cubic Ft.	Grains of Capacity			Cont FR 15 psi drop	Peak FR 25 psi drop	Media Tank Dia X Ht.	Iron Reduction**	Pipe Con. Size	Max Drain Flow gpm	Drain Size	Distributor Type	Brine Line Size
		15 lb / cu ft	8 lb / cu ft	6 lb / cu ft*									
WS1D100STD	1.0	32000	24000	22058	12 gpm	15 gpm	9 x 48	3 ppm	1" or 3/4"	2.2 gpm	3/4"	1" Basket	3/8"
WS1D150STD	1.5	48000	36000	33087	13 gpm	16 gpm	10 x 54	3 ppm	1" or 3/4"	2.2 gpm	3/4"	1" Basket	3/8"
WS1D200STD	2.0	64000	48000	44116	14 gpm	18 gpm	12 x 52	3 ppm	1" or 3/4"	2.7 gpm	3/4"	1" Basket	3/8"
WS1D250STD	2.5	80000	60000	55145	16 gpm	21 gpm	13 x 54	3 ppm	1" or 3/4"	3.2 gpm	3/4"	1" Basket	3/8"
WS1D300STD	3.0	96000	72000	66174	16 gpm	20 gpm	14 x 65	3 ppm	1" or 3/4"	5.3 gpm	3/4"	1" Basket	3/8"
WS1D400STD	4.0	128000	96000	88232	17 gpm	21 gpm	16 x 65	3 ppm	1" or 3/4"	7.5 gpm	3/4"	1" Basket	3/8"
WS1D500STD	5.0	160000	120000	110290	17 gpm	22 gpm	18 x 65	3 ppm	1" or 3/4"	11 gpm	1"	1" Basket	1/2"
WS1D700STD	7.0	224000	168000	154406	20 gpm	25 gpm	21 x 62	3 ppm	1" or 3/4"	11 gpm	1"	1" Basket	1/2"

*Efficiency setting - can be set in field. 100 model with this setting cannot use round salt tank without modification. Consult factory or dealer for procedure.

**Iron in solution, iron reduction can vary depending on exact iron chemistry, pH, and other water conditions

ADDITIONAL OPERATING INFORMATION

Not intended to be used to treat water that is Microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
Installation must comply with all state and local codes.
To sanitize system after installation or service add household bleach to brine tank (1cup/cu. ft.).
WARNING: Do not add chlorine bleach to brine tanks containing iron removing salt.
See manufacturer's warranty sheet for details on warranty

Operating Water Temperature Range
Operating Ambient Temperature Range
Operating Pressure Range
UL approved electrical components
Recommended Salt
Parts or Service

Max 100°
Max 120°
Max 125 psi
110v - 60 hz 0.5 Amperes
Cube, Pellet, or other Clean Grade of Salt
Contact Dealer
Minimum 40°
Minimum 40°
Minimum 20 psi

