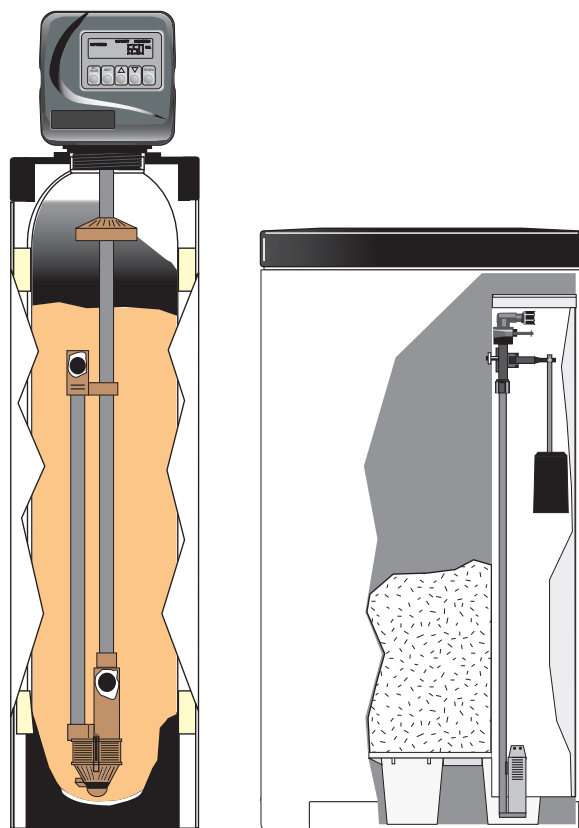


# PRODUCT DATA SHEET

## AUTOMATIC WATER CONDITIONING SYSTEMS

### WS1 DEMAND TURBO MODELS



Shown with Optional Heavy Shroud

Turbulator Distributor - Rotates Bed During Backwash  
Allows The Full Bed To Achieve Peak Cleaning and  
Peak Performance with Minimal Hardness Leakage

#### Standard Features:

- Regenerates When Needed, Based On Water Usage
- 1" High Flow Design
- Turbo Resin Scrubber - For Premium Performance
- 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 Wrapped Resin Tank
- 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
- Thermal Tank Shroud - White w/ Black Trim
- Rain Cover For Outdoor Installations

Type	Shape	Demimensions	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	100-200

See manufacturers warranty sheet for details on warranty

## PRODUCT SPECIFICATIONS

Model No.	Media Cubic Ft.	Grains of Capacity			Cont FR 15 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*								
WS1D100TB	1.0	32000	24000	22,058	8 gpm	8 x 44	3 ppm	1" or 3/4"	2.7	3/4"	Turbo	3/8"
WS1D150TB	1.5	48000	36000	33,087	10 gpm	10 x 47	3 ppm	1" or 3/4"	3.2	3/4"	Turbo	3/8"
WS1D200TB	2.0	64000	48000	44,116	10 gpm	10 x 54	3 ppm	1" or 3/4"	3.2	3/4"	Turbo	3/8"

\*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

