

- Service flow 28 gpm, backwash flow 15 gpm with meter and bypass installed
- Solid state microprocessor with easy access front panel settings
- Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer), and Tank in Service Indication
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining/slow rinse, second backwash, fast rinse, refill and downflow service
- Coin Cell Lithium battery back-up with a 8 hour carry over of time of day
- Backwash and brining ability to 21" diameter tanks
- Downflow regeneration/Upflow regeneration
- Post treated water regenerant refill
- Reliable and proven DC drives
- One piece expanding seal spacer stack assembly
- Linearly reciprocating piston operation

WS1SD and WS1SP Twin Alternating Specifications

Inlet/Outlet Fittings	3/" to 1.5" NPS
Cycles	
Valve Material	
Regeneration	
Regeneration	Downllow
FLOW RATES	
Service @15 psi drop (includes bypass and meter)	28 gpm
Backwash @ 25 psi drop (includes bypass)	15 gpm
Cv Service	
Cv Backwash	
ODEDATING DDECCUDES	
OPERATING PRESSURES	00 : 405 :
Minimum/Maximum	20 psi – 125 psi
OPERATING TEMPERATURES	
Minimum/Maximum	40° – 110° F
METER	
Accuracy	± 5%
Flow Rate Range	
Gallon Range	<u>.</u>
Totalizer	
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DIMENSIONS & WEIGHT	
Distributor Pilot	1 050" OD Pine (3/4" NPS)
Drain Line	,
Brine Line	
Mounting Base	•
Height From Top Of Tank	
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Weight	16 IDS.
BATTERY SPECIFICATIONS - 2 OPTIONS FOR OPERATION	
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6 AA nickel metal hydride batteries rechargeable for SP mo	
6 "D" cell alkaline batteries (disposable when discharged) for SD model - "D" batteries not included	
CHARGING SPECIFICATIONS FOR SP MODEL- 2 OPTIONS FO	R OPERATION
Amorphous silicon solar panels capable of three tilt angles	
DC power supply with 15VDC output 500mA	
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TANK APPLICATIONS	
Water Softener	6" – 21" diameter
Water Filter (1)	
Water 1 liter (1)	
CYCLES OF OPERATION (Softener / Filter Downflow)	
(Softener Filter
Cycle	Range of time in minutes
1. Backwash 1 st	
Regenerate Draw/Slow Rinse (downflow or upflow)	
3. Backwash 2 nd	
4. Fast Rinse	
5. Regenerant Refill (in service with treated water)	บ. 1-99.บ อก อก
6. Service (downflow)	

When replacing batteries follow state or local regulations for recycling and disposal.

Options: Backwash Filter, Bypass, Weather Cover

Compatible with the following typical concentration of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines

1. Filter tank size calculated @ 10 gpm of backwash per square foot of bed area