

- Solid state microprocessor with easy access front panel settings
- Three modes of operation; meter immediate, meter delayed, or time clock delayed
- Double backwash feature offers optimum regeneration, cleaning ability, and efficiency
- 66 selectable pre-programmed regeneration cycles
- Days override feature; 1 28 days available
- Backwash and brining ability to 21" diameter tanks
- Downflow/upflow regeneration
- Stores system configuration and operation data in nonvolatile memory
- Coin Cell Lithium battery back-up with an 8 hour carry over
- 12-volt output AC Adapter provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Pre or Post treated water regenerant refill
- Reliable and proven DC drive

Water Specialist 1" CS Control Specifications

nlet/Outlet Fittings	
Cycles	
Valve Material	
Regeneration	downflow/upflow
FLOW RATES	
Service @15 psi drop (includes bypass and meter)	27 gpm
Backwash @ 25 psi drop (includes bypass)	27 gpm
Cv Service	7.0
Cv Backwash	5.4
OPERATING PRESSURES	
Minimum/Maximum	20 psi – 125 psi
OPERATING TEMPERATURES	
Minimum/Maximum	40° – 110° F
METER	
Accuracy	+ 5%
Flow Rate Range	
Gallon Range	
Totalizer	
ισταιίζει	1000 - 3,333,000 gailons
DIMENSIONS & WEIGHT	
Distributor Pilot	
Drain Line	
Brine Line	
Mounting Base	
Height From Top Of Tank	
Weight	4.5 lbs.
ELECTRICAL SPECIFICATIONS	AC Adapter
	U.S. International
Supply Voltage	120V AC 230V AC
Supply Frequency	
Output Voltage	
Output Current	
TANK APPLICATIONS	
Water Softener	6" – 21" Diameter
Water Filter (2)	
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CYCLES OF OPERATION (Softener Downflow)	Dange of times minutes
Cycle 1. Beeleveel 1st/unflow)	Range of times minutes
1. Backwash 1 st (upflow)	
2. Regenerate Draw/Slow Rinse (downflow)	
3. Backwash 2 nd (upflow)	
4. Fast Rinse (downflow)	3 - 10
5. Regenerant Refill (in service with treated water)6. Service (downflow)	As Programmed

Options: Backwash Filter, Bypass, Weather Cover

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

^{1.} Noryl is a trademark of Sabic Innovative Plastics IP B.V. Company

^{2.} Filter tank size calculated @ 10 gpm of backwash per square foot of bed area