

- 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
- 73 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
- Patented one piece expanding seal spacer stack assembly U.S. Patent 6,402,944
- Patented linearly reciprocating piston operation U.S. Patent 6,444,127
- Patented quiet drain line flow control assembly U.S. Patent 6,776,901
- Reliable and proven DC drive

Water Specialist 1" CS Control Specifications

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nlet/Outlet Fittings	
/cles	
alve Material	
egeneration	downflow/upflow
OW 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
PERATING PRESSURES	
Minimum/Maximum	20 psi – 125 psi
PERATING TEMPERATURES	
Minimum/Maximum	40° – 110° F
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ETER	. 50/
Accuracy	
Flow Rate Range	
Gallon Range	
Totalizer	1000 - 9,999,000 gallons
IMENSIONS & WEIGHT	
Distributor Pilot	1.050" OD Pipe (¾" NPS)
Drain Line	¾" or 1" NPT
Brine Line	
Mounting Base	
Height From Top Of Tank	
Weight	
LECTRICAL SPECIFICATIONS	AC Adapter
LEGITIONE OF EGIT IOATIONS	U.S. International
Supply Voltage	
Supply Frequency	
Output Voltage	
Output Current	
ANK APPLICATIONS	
ANK APPLICATIONS Water Softener	6" – 21" Diameter
Water Softener	
Water Softener Water Filter (2) YCLES OF OPERATION (Softener Downflow)	6" – 21" Diameter
Water Softener Water Filter (2) YCLES OF OPERATION (Softener Downflow) Cycle	6" – 21" Diameter Range of times minutes
Water Softener	6" – 21" Diameter Range of times minutes 6 - 16
Water Softener Water Filter (2) YCLES OF OPERATION (Softener Downflow) Cycle 1. Backwash 1st (upflow)	6" – 21" Diameter Range of times minutes 6 - 16 45 - 75
Water Softener	6" – 21" Diameter Range of times minutes 6 - 16 45 - 75 3 - 12
Water Softener Water Filter (2) CYCLES OF OPERATION (Softener Downflow) Cycle 1. Backwash 1st (upflow) 2. Regenerate Draw/Slow Rinse (downflow)	6" – 21" Diameter Range of times minutes 6 - 16 45 - 75 3 - 12 3 - 10

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