

AquaBubble™

AB Microprocessor Control Valve



- Backwash and brining ability to 22" diameter tanks
- Solid state microprocessor with easy access front panel settings
- Double backwash feature offers efficiency and optimum regeneration and cleaning ability
- Days between regeneration feature: 1 – 99 days standard; 7-day optional
- Downflow regeneration
- 10 selectable pre-programmed regeneration cycles
- Stores system configuration and operation data in nonvolatile memory
- 12-volt transformer provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Treated water regenerant refill



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Inlet/Outlet.....1"
Cycles..... 2 - 5
Valve MaterialNoryl (1)

FLOW RATES

Service @ 15 psi drop (includes bypass and meter)..... 27 gpm
Backwash @ 25 psi drop (includes bypass and meter)....., 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
Regeneration..... Downflow/upflow

DIMENSIONS

Distributor Pilot.....1" (1.050) OD Pipe
Drain Line..... ¾" or 1" NPT
Brine Line..... 3/8" or ½" OD Poly tube
Mounting Base..... 2 ½" – 8 NPSM
Height From Top Of Tank..... 7 3/8"
Weight..... 4.5 lbs.
Current Draw and Voltage..... 0.5A 110v

TANK APPLICATIONS

Water Softener..... 6" – 21" diameter
Water Filter (2).....6" – 21" diameter

CYCLES OF OPERATION

Cycle	Range of times min.
1. Backwash 1 st (upflow).....	3 – 12
2. Regenerate Draw (Downflow).....	50-70
3. Backwash 2 nd (upflow).....	3 – 12
4. Rinse (Downflow).....	3 – 8
5. Regenerant Refill (in service with treated water).....	As Programmed
6. Service	

Options: Backwash Filter, ¾" & 1" inlet/outlet, Bypass, Weather Cover

Compatible with the following regenerants or chemicals: Sodium Chloride, potassium chloride, potassium permanganate, sodium bisulfite, sodium hydroxide, hydrochloric acid, chlorine and chloramines.

1. Noryl is a trademark of General Electric
2. Filter tank sized calculated @ 10 gpm per square foot of bed area