

AquaBubble™

6AB Microprocessor Control Valve



- o Solid state microprocessor with easy access front panel settings
- o Three modes of operation – meter immediate, meter delayed or time clock delayed
- o Double backwash feature offers optimum regeneration, cleaning ability, and efficiency
- o 36 selectable pre-programmed regeneration cycles
- o Days override feature 1 – 28 day's available
- o Backwash and brining ability to 22" diameter tanks
- o Downflow/upflow regeneration
- o Stores system configuration and operation data in nonvolatile memory
- o Capacitor back-up with two hour power carry over
- o 12-volt transformer provides safe and easy installation
- o Control valve design provides optimum service and backwash rates
- o Treated water regenerant refill

Inlet/Outlet.....	1"
Cycles.....	3 – 6
Valve Material	Noryl (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
METER	
Accuracy.....	± 5%
Flow Rate Range.....	0.25 – 27 GPM
Gallon Range.....	20 – 50,000
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 (Softener Downflow)	
Cycle	Range of times min.
1. Backwash 1 st (upflow).....	6 – 12
2. Regenerate Draw (Downflow).....	45-75
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 size calculated @ 10 gpm per square foot of bed area