



back of valve without cover

## Product Features

- Fully adjustable downflow or upflow regeneration cycles. Time of day, remaining capacity, instantaneous flow rate, regeneration cycle in process
- Solid state microprocessor with LCD display
- Diagnostics display
- Non-corrosive, UV-resistant fiber-reinforced polymer valve body
- Alkaline battery backup
- Continuous flow rate of 20 GPM
- Backwash capacity handles tanks up to 12" diameter for softener applications, 10" for filter applications
- Choose from 3 modes of operation: immediate meter regeneration, delayed meter regeneration, or delayed time clock regeneration
- Upflow or downflow regeneration

## Options

- Bypass valve
- Backwash filter
- Upflow regeneration
- Meter initiated regeneration
- Variable brining
- Double backwash
- Auxiliary switches



## Valve Specifications

Valve material	Fiber-reinforced polymer
Inlet/Outlet	3/4", 1" or 1-1/4"
Cycles	5

## Flow Rates (50 psi Inlet) - Valve Alone

Continuous (15 psi drop)	20 GPM
Peak (25 psi drop)	26 GPM
CV (flow at 1 psi drop)	5.2
Max. backwash (25 psi drop)	7 GPM

## Regeneration

Downflow/Upflow	Both
Adjustable cycles	Yes
Time available	Up to 999 minutes per cycle

## Meter Information

Meter accuracy range	.25 - 15 GPM +/- 5%
Meter capacity range (gal.)	1 - 9,999,999

## Dimensions

Distributor pilot	0.8125" or 1.05" pipe O.D.
Drain line	1/2" NPTF
Brine line	1600 - 3/8"
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	7-1/2"

## Typical Applications

Water softener	6"-12" diameter
Iron filter	6"-10" diameter
Sediment filter	6"-10" diameter
Carbon filter	6"-10" diameter
Neutralizing filter	6"-10" diameter

## Additional Information

Injector brine system	1600
Electrical rating	24 v - 60 Hz, 50 Hz
Max. VA	6.1
Estimated shipping weight	Time clock: 5 lbs. Metered valve: 6 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F