



▲ FRONT WITHOUT COVER



▶ BACK WITHOUT COVER

## Product Benefits

- Up to 35 gpm flows for residential/commercial softening and filtration applications
- Reliable optical electronics eliminate microswitch positioning
- SE contols provide quick setup and programming
- Quick connect clips allow easy installation and maintenance
- Regenerates up to 10 cu. ft. softeners

## Features and Options

- High flow bypass valve
- High flow distribution system
- Plumbing connections in 1"-1.5" NPT, BSP and sweat
- Soft water brine refill
- Variable reserve
- Meter or time clock initiated regeneration
- Manual operation
- Variable brining
- Double backwash
- Environmental cover (NEMA-3R rated)
- Auxiliary switch



## Valve Specifications

Valve material	Fiber reinforced polymer
Inlet/Outlet	1" or 1.25" NPT or BSP; 1", 1.25", 1.5" sweat
Cycles	Up to 6 cycles

## Flow Rates (50 psi Inlet) – Valve Alone (High Flow Piston)

Continuous (15 psi drop)	35.8
Peak (25 psi drop)	46
CV (flow at 1 psi drop)	9.2
Max. backwash (25 psi drop)	31.3 (filter piston)

## Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	199 minutes per cycle

## Meter Information

Meter accuracy range	+ 5% / - 8% (2 - 40 gpm)
Meter capacity range (gal.)	1 - 74,750

## Dimensions

Distributor pilot	1.05" or 32 mm
Drain line	3/4" or 1" NPT Quick connect
Brine line	3/8" or 1/2" Quick connect
Mounting base	2.5" NPSM
Height from top of tank	7.9"

## Typical Applications

Water softener	8" - 24" diameter
Filter	8" - 24" diameter

## Additional Information

Injector brine system	1610
Electrical rating	24 VAC, 50/60 Hz
Max. VA	15
Estimated shipping weight	11 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F