



Front (without cover)



Back (without cover)

## Features

- Fully adjustable, 5-cycle control delivers upflow backwash, downflow brining, slow rinse, rapid rinse, brine refill, and downflow service
- Time-tested, hydraulically-balanced piston, seal and spacer, controls service flow and regeneration
- Non-corrosive, fiber-reinforced polymer construction
- Excellent flow rates (19 GPM continuous, 24 GPM peak)
- Backwash capacity handles tanks up to 16" diameter for softener, and filter applications

## Options

- Corrosion-free bypass valve
- Mechanical or electronic timers
- Choice of 7 or 12 day clock timers
- Manual operation
- No hard water bypass
- Environmental cover
- Auxiliary switches
- Meter delayed or immediate initiated regeneration
- Filter or softener control valves



## 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)	19 GPM
Peak (25 psi drop)	24 GPM
Cv (flow at 1 psi drop)	4.8
Max. backwash (25 psi drop)	17 GPM

## Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	Electromechanical: 164 minutes SXT: 0-199 minutes per cycle XT: Up to 240 minutes per cycle

## Meter Information

Meter accuracy	.25 - 15 GPM +/- 5%
Meter capacity range (gal.)	Standard: 125 - 2,125 Extended: 625 - 10,625 SXT: 1 - 999,900 XT: 1,000 - 9,900,000

## Dimensions

Distributor pilot	1-1/20" O.D.
Drain line	1/2" O.D.
Injector brine system	1600
Brine line	3/8"
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	7-1/2"

## Typical Applications

Water softener	6" - 16" diameter (limited by maximum injector size)
Filter	8" - 16" diameter (based on 10 GPM per sq. ft.)

## Electrical Rating

24 VAC Pentair® transformers:  
115 VAC +/- 20% input, 24 VAC output  
230 VAC +/- 20% input, 24 VAC output

## Additional Information

Electrical rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Estimated shipping weight	Time clock: 7 lbs. Metered valve: 10 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F