



▲ front without cover



▲ back without cover

## Product Benefits

- Easily adjustable 5-cycle downflow brining control
- Backwash capability handles up to 24" diameter tanks eliminating excessive, space wasting multiple tank installations
- Rugged long-life construction featuring lead-free brass valve body
- Total flexibility in meter and timer setting
- Satisfies operational needs from 310 to 53,125 gallons
- Uses conditioned water for regeneration

## Product Features

- Sediment, carbon or neutralizing filter
- Hot water (150° F)
- Electronic timer, ET

## Valve Specifications

Valve Material	Lead-free brass*
Inlet/Outlet	1-1/2" NPTF
Cycles	5

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

Continuous (15 psi drop)	43 GPM
Peak (25 psi drop)	55 GPM
Cv (flow at 1 psi drop)	11.1
Max. Backwash (25 psi drop)	16 GPM

## Regeneration

Downflow/Upflow	Downflow only
Adjustable Cycles	Yes
Time Available	Electromechanical: 82 or 164 minutes ET: 0 - 999.9 minutes

## Meter Information

Meter Accuracy Range - 1-1/2"	1.5 - 75 GPM
Meter Capacity Range - 1-1/2"	Standard: 625 - 10,625 (gal.) Extended: 3,125 - 53,125

## Dimensions

Distributor Pilot	1.9" O.D. (1.5" pipe)
Drain Line	1" NPTM
Brine Line	1/2" & 3/8"
Mounting Base	4" - 8 UN
Height from Top of Tank	7-1/4"

## Typical Applications

Water Softener	10"-24" diameter
Iron Filter	N/A
Sediment Filter	14" diameter
Carbon filter	14" diameter
Neutralizing Filter	14" diameter

## Additional Information

Injector Brine System	3/8" - 1600, 3/8" - 1700
Electrical Rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Max VA	8.9
Estimated Shipping Weight	Metered valve: 48 lbs.
Pressure	Hydrostatic: 300 psi Working: 25 - 125 psi
Temperature	34° - 110°F

\*As defined in the Federal Safe Drinking Water Act; product also meets California Proposition 65 Standards.

Distributed By:  
Roanoke Water Treatment, Inc.  
1948 Franklin Road SW  
Roanoke, VA 24014  
(540) 982-2324

