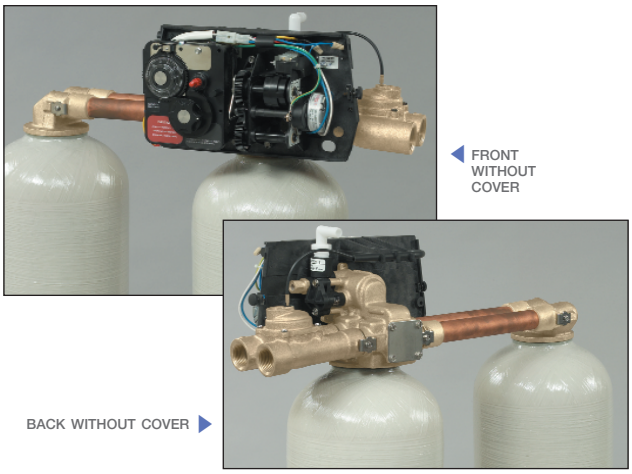
Model 9000

Residential Twin Tank Control Valve



FRONT WITHOUT COVER

BACK WITHOUT COVER

Product Features

- Fully adjustable 5-cycle control delivers controlled upflow backwash, downflow brining, slow rinse, rapid rinse, timed brine refill and downflow service
- Perfect for light commercial/heavy residential systems that require twin tank conditioning capabilities
- Continuous flow rate of 21 GPM
- All cycles easily adjustable; program just what's needed with "all cycle" variable time control
- Backwash capacity handles tanks up to 16″
- Choice of 3/4″ or 1″ meter satisfies wide range of operational needs

Options

- Bypass valve (Noryl®* or lead-free brass**)
- Hot water (150° F max., 1″ only)
- Electronic timer, SE or ET
- Window cover
- No hard water bypass
- Auxiliary switches

Valve Specifications

Valve material	Lead-free brass**
Inlet/Outlet	3/4″, 1″ or 1-1/4″
Cycles	5

Flow Rates (50 psi Inlet) - Valve Alone

Flow rate (50 psi inlet)	1″ meter	3/4″ meter
Continuous (15 psi drop)	21 GPM	18 GPM
Peak (25 psi drop)	28 GPM	24 GPM
CV (flow at 1 psi drop)	5.1	4.8
Max. backwash (25 psi drop)	8.5 GPM	8.5 GPM

Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	164 or 82 minutes

Meter Information

Meter accuracy range	
1″	0.7 - 40 GPM +/- 5%
3/4″	0.25 - 15 GPM +/- 5%
Meter capacity range (gal.)	
1″	Standard: 310 - 5,270 Extended: 1,550 - 26,350 SE: 1 - 9,999 ET: 1 - 9,999,999
3/4″	Standard: 125 - 2,125 Extended: 625 - 10,625 SE: 1 - 9,999 ET: 1 - 9,999,999

Dimensions

Distributor pilot	1.05″ O.D.
Drain line	1/2″ NPT
Brine line	1600 - 3/8″
Mounting base	2-1/2″ - 8 NPSM
Height from top of tank	6-1/2″

Typical Applications

Water softener	6″-16″ diameter

Additional Information

Injector brine system	1600
Electrical rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Max. VA	8.9
Estimated shipping weight	3/4″ Metered valve: 19 lbs. 1″ Metered valve: 23 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

Approvals

WQA Gold Seal system	1.0 - 6.0 cu. ft.

*Noryl is a registered trademark of General Electric Company.
**As defined in the Safe Drinking Water Act.