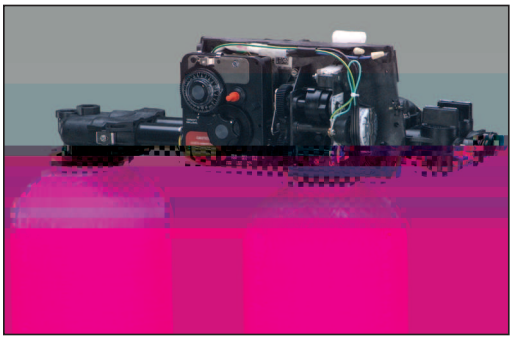
Model 9100

Light Commercial/Residential Twin Tank Valve



Front (without cover)

Features

- Salt and water savings by using 100% capacity of the tank in service before switching to the second tank
- Regenerates immediately when needed for continuous soft water
- Regenerates with soft water and keeps system clean for optimum operating efficiency and minimum maintenance
- Proven technology and performance
- Corrosion-free fiber-reinforced polymer valve body
- Innovative second tank quick connection
- Perfect for light commercial/heavy residential systems that require twin tank conditioning capabilities

Options

- Fiber-reinforced polymer or lead-free brass meter
- Bypass valve (fiber-reinforced polymer or lead-free brass)
- Auxillary switches
- 3200 mechanical timer, SXT, or XT electronic timers
- 32 mm high flow distribution system

Valve Specifications

Valve material	Fiber-reinforced polymer
Inlet/Outlet	3/4", 1" or 1-1/4"
Cycles	6

Flow Rates (50 psi Inlet) - Valve with Meter

	3/4" meter	3/4" turbine	1" meter
Continuous (15 psi drop)	18 GPM	19 GPM	21 GPM
Peak (25 psi drop)	24 GPM	25 GPM	28 GPM
Cv (flow at 1 psi drop)	4.8	5	5.1
Max. backwash (25 psi drop)	8.5 GPM	8.5 GPM	8.5 GPM

Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	3200: 82 or 164 minutes total SXT: 199 minutes per cycle XT: Up to 240 minutes per cycle

Meter Information

Meter accuracy range	3/4": .25 - 15 GPM +/- 5% 1": .7 - 40 GPM +/- 5%
Meter capacity range (gal.) 3/4"	Standard: 125 - 2,125 Extended: 625 - 10,625 SXT: 1 - 999,900 XT: 1,000 - 9,900,000
1"	Standard: 310(1,000)-0.442493( )0.167847(- Exte6,35: 1,-0.152588( )0.167847(-)-0.3204