

# 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<br>SXT: 199 minutes per cycle<br>XT: Up to 240 minutes per cycle |

### Meter Information

|                                     |                                                                                              |
|-------------------------------------|----------------------------------------------------------------------------------------------|
| Meter accuracy range                | 3/4": .25 - 15 GPM +/- 5%<br>1": .7 - 40 GPM +/- 5%                                          |
| Meter capacity range (gal.)<br>3/4" | Standard: 125 - 2,125<br>Extended: 625 - 10,625<br>SXT: 1 - 999,900<br>XT: 1,000 - 9,900,000 |
| 1"                                  |                                                                                              |

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