



▲ front without cover



back without cover ▶

### Product Benefits

- Up to 35 gpm flows for residential/commercial softening and filtration applications
- Reliable optical electronics eliminate microswitch positioning
- SE controls provide quick setup and programming
- Quick connect clips allow easy installation and maintenance
- Regenerates up to 10 cu. ft. softeners

### Product Features

- High flow bypass valve
- High flow distribution system
- Plumbing connections in 1"-1.5" NPT, BSP and Sweat
- Soft water brine refill
- Variable reserve
- Meter or time clock initiated regeneration
- Manual operation
- Variable brining
- Double backwash
- Environmental cover (NEMA-3R rated)
- Auxiliary switch



### Valve Specifications

|                |  |
|----------------|--|
| Valve Material | Fiber Reinforced Polymer                         |
| Inlet/Outlet   | 1" or 1.25" NPT or BSP,<br>1", 1.25", 1.5" Sweat |
| Cycles         | Up to 6 cycles                                   |

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

| Piston                      | Standard | High Flow | Filter |
|-----------------------------|----------|-----------|--------|
| Continuous                  | 28       | 36        | 37     |
| Peak (25 psi drop)          | 36       | 46        | 47     |
| Cv (flow at 1 psi drop)     | 7.1      | 9.2       | 9.5    |
| Max. Backwash (25 psi drop) | 7        | 16        | 31     |

### Regeneration

|                   |                       |
|-------------------|-----------------------|
| Downflow/Upflow   | Downflow only         |
| Adjustable Cycles | Yes                   |
| Time Available    | 199 Minutes per Cycle |

### Meter Information

|                             |                         |
|-----------------------------|-------------------------|
| Meter Accuracy Range        | + 5 / - 8% (2 - 40 gpm) |
| Meter Capacity Range (gal.) | 1 - 74,750              |

### Dimensions

|                         |                              |
|-------------------------|------------------------------|
| Distributor Pilot       | 1.05" O.D. or 32 mm O.D.     |
| Drain Line              | 3/4" or 1" NPT Quick Connect |
| Brine Line              | 3/8" or 1/2" Quick Connect   |
| Mounting Base           | 2.5" NPSM                    |
| Height from Top of Tank | 8"                           |

### Typical Applications

|                |                   |
|----------------|-------------------|
| Water Softener | 8" - 24" Diameter |
| Filter         | 8" - 24" Diameter |

### Additional Information

|                           |   |
|---------------------------|---|
| Injector Brine System     | 1610  |
| Electrical Rating         | 24 VAC, 50/60 Hz                                  |
| Max. VA                   | 15  |
| Estimated Shipping Weight | 11 lbs.   |
| Pressure                  | Hydrostatic: 300 psi and<br>Working: 20 - 125 psi |
| Temperature               | 34° - 110° F                                      |