FEATURES/BENEFITS

- Time-tested Duraflow flapper provides frictionless sealing for longer service life
- Fiber-reinforced polymer valve body for superior strength and durability, non-corrosive, and UV-resistant
- Optical sensor for precision cycle positioning
- Fully adjustable 3 or 5 cycle control for efficient and reliable water treatment system
- Continuous service flow rate of 76 GPM with a backwash of 89 GPM
- Backwash capability accommodates softener tanks up to 36” and filter up to 36” in diameter
- Designed for single or multiple tank systems
- Super capacitor for keeping time of day during power outage
- Programming stored in memory and will not be lost due to power outages
- History data for valve performance

OPTIONS

- Filter or softener control valves
- Internal Autotrol® turbine
- Variable reserve for increased efficiency
- Auxiliary switch kits
- Versatile top or side mount

764- Professional level metered control with fully programmable cycle times and salt amount for multiple tank applications.

742- Professional level time clock control with fully programmable cycle times and salt amount.
### FLOW RATES (VALVE ONLY)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Flow Rate (gpm)</th>
<th>Volume (m³/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service @ 15 psi</td>
<td>76</td>
<td>17.3</td>
</tr>
<tr>
<td>Backwash @ 25 psi</td>
<td>89</td>
<td>20.2</td>
</tr>
<tr>
<td>Service</td>
<td>CV = 19.5 (Kv = 17)</td>
<td></td>
</tr>
<tr>
<td>Backwash</td>
<td>CV = 17.8 (Kv = 19.9)</td>
<td></td>
</tr>
</tbody>
</table>

### VALVE CONNECTIONS

- **Tank Thread**: 4” 8 UN
- **Inlet/Outlet Threads**: 2”: connections NPT or BSPT, female, CPVC
- **Brine Line**: 3/4” NPT
- **Drain Line**: 1-1/2”: connections for NPT or BSPT, female, CPVC
- **Riser Tube Dia.**: 1-1/2”
- **Riser Installation**: Above top of tank 5/8” ± 1/8”
- **Pilot Drain & Auxiliary**: 1/4” tube fitting

*Valve installed drain flow controls available (5-40 gpm). If higher backwash flow is needed, an external flow control will be required.

### SPECIFICATIONS/RATINGS

- **Valve Body**: Thermoplastic
- **O-rings**: EPDM
- **Injector**: 7 sizes available: 14, 16, 18, 21
- **Working Pressure**: 25 psi - 100 psi (1.72 bar - 6.9 bar)
- **Water Temperature**: 35-100°F (2-38°C), 120°F (49°C) Ambient