• Solid state microprocessor with easy access front panel settings
• Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer)
• Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
• Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency
• Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining/slow rinse, second backwash, fast rinse, refill and downflow service
• Coin Cell Lithium battery back-up with an 8 hour carry over
• Backwash and brining ability to 21” diameter tanks
• Downflow or upflow brining regeneration
• Level VI 15-volt output DC power supply provides safe and easy installation
• Control valve design provides optimum service and backwash rates
• Post treated water regenerant refill
• Patented one piece expanding seal spacer stack assembly U.S. Patent 6,402,944
• Patented linearly reciprocating piston operation U.S. Patent 6,444,127
• Reliable and proven DC drive
Inlet/Outlet Fittings ......................................................... ¾" to 1.5" NPS
Cycles ................................................................................. up to 6
Valve Material ................................................................. Noryl (1) or equivalent
Regeneration ................................................................. downflow

FLOW RATES
Service @15 psi/1 bar drop (includes bypass and meter)........ 102 lpm (6.12 m³/h) (27 gpm)
Backwash @ 25 psi/1.7 bar drop (includes bypass).................. 102 lpm (6.12 m³/h) (27 gpm)

OPERATING PRESSURES
Minimum/Maximum ......................................................... 20 - 125 psi (1.4 - 8.6 bar)

OPERATING TEMPERATURES
Minimum/Maximum ......................................................... 40º - 110º F (4º - 43ºC)

METER
Accuracy ............................................................................. ± 5%
Flow Rate Range .............................................................. 0.95 - 102 lpm
Volume Range ................................................................. 0.02 - 5,700 m³
Totalizer ........................................................................... 0.001 - 9,999,000 m³

DIMENSIONS & WEIGHT
Distributor Pilot .......................................................... 1.050" OD Pipe (¾" NPS)
Drain Line ........................................................................... ¾” or 1” NPT
Brine Line ........................................................................... 3/8” or ½” OD Poly Tube
Mounting Base ........................................................... 2 ½” - 8 NPSM
Height From Top Of Tank ............................................. 7 ¾" (187 mm)
Weight ............................................................................ 4.5 lbs. (2 kg)

ELECTRICAL SPECIFICATIONS
Power Supply

U.S. International
Supply Voltage ......................................................... 100VAC to 120VAC 200VAC to 240VAC
Supply Frequency .......................................................... 50/60 Hz 50/60 Hz
Output Voltage ............................................................. 15VDC 15VDC
Output Current ............................................................. 500 mA 500 mA

TANK APPLICATIONS
Water Softener .......................................................... 6” - 21” Diameter
Water Filter (2) .......................................................... 6” - 21” Diameter

CYCLES OF OPERATION

<table>
<thead>
<tr>
<th>Cycle</th>
<th>Softener</th>
<th>Filter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Backwash 1st (upflow)</td>
<td>1-95</td>
<td>Backwash 1-95</td>
</tr>
<tr>
<td>2. Regenerate Draw/Slow Rinse (downflow)</td>
<td>1-180</td>
<td></td>
</tr>
<tr>
<td>3. Backwash 2nd (upflow)</td>
<td>1-95</td>
<td>Rinse 1-95</td>
</tr>
<tr>
<td>4. Fast Rinse (downflow)</td>
<td>1-95</td>
<td></td>
</tr>
<tr>
<td>5. Regenerant Refill (in service with treated water)</td>
<td>0.1-99.0</td>
<td></td>
</tr>
<tr>
<td>6. Service (downflow)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Options: Backwash Filter, Weather Cover
Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines

1. Noryl is a trademark of Sabic Innovative Plastics IP B.V. Company
2. Filter tank size calculated @ 10 gpm of backwash per square foot of bed area/407 lpm per m² of bed area

U.S. Patents: 6,402,944 • 6,444,127  Form No. 2663 • 4/6/2018