A62-7647.5HB
Industrial UF Membrane for Anodic Paint Applications

**SPECIFICATIONS**
- **Size:** 8" Nominal
- **Outerwrap:** FG Hard Wrap with Dual End Seals
- **Element Design:** Spiral
- **Membrane:** PVDF 500kDa
- **Membrane Area:** 306 ft² (28.4 m²)
- **Diameter:** 7.45" (189.2mm)
- **Overall Length:** 47.38" (1203.3mm)
- **Body Length:** 40.00" (1016.0mm)
- **Weight:** 40 ± 1.0 lb (18.1 ± 0.5 kg)
- **Housing Model:** IH80S / IH80SB

**PERMEATE CAPACITIES**
- Permeate Output Steady State with Anionic Paint GPM (LPM)
  - 3.99 ± 10% (15.1 ± 10%)

**OPTIMAL DESIGN PARAMETERS**
- **Feed Rate:** 70 GPM (265 LPM)
- **Element Inlet PSI:** 50 PSIG (345 KPA)
- **Pressure Drop:** 30 PSIG (207 KPA)

**ELEMENT LIMITS**
- **pH Range:** 1-11
- **Feed Rate:** 60 / 80 GPM (227 / 303 LPM)
- **Inlet Pressure:** 45 / 75 PSIG (310 / 517 KPA)
- **Pressure Drop:** 25 / 35 PSIG (172 / 241 KPA)
- **Operation Temp:** 120°F (48°C)

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**NOTE:** Element performance may be affected by variances in operating parameters and feed chemistry.

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Permeate Tube</td>
</tr>
<tr>
<td>2</td>
<td>O-Rings</td>
</tr>
<tr>
<td>3</td>
<td>ATD with Seals</td>
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<tr>
<td>4</td>
<td>Membrane Body with Hard Shell</td>
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<tr>
<td>5</td>
<td>ATD</td>
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<tr>
<td>6</td>
<td>Plugged End</td>
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<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>A</td>
<td>40.00&quot; (1016.0mm)</td>
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<tr>
<td>B</td>
<td>7.45&quot; (189.2mm)</td>
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<tr>
<td>C</td>
<td>3.00&quot; (76.2mm)</td>
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<tr>
<td>D</td>
<td>4.375&quot; (111.1mm)</td>
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<tr>
<td>OD</td>
<td>1.66&quot; (42.2mm)</td>
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**NOTE:** (2) Seals for Systems w/ reverse flow-cleaning capabilities
INSTALLATION PROCEDURES

1. Remove the flow meter/assembly from the housing top cap. Store in a safe place to prevent damage.
2. Remove the Victaulic coupling from the top cap.
3. Lift the top cap off the housing. In most cases the element will lift up with the top cap. If it does not, pull the spent element out by the permeate tube extension, ATD, or by removing the housing and bottom cap to push the element out.
4. Carefully remove the element from its storage bag. For elements with rubber seals, ensure they are properly installed by lubricating with glycerine.
5. Replace the O-ring on your top cap with the new O-ring supplied with your element and lubricate them with glycerine. A vial of glycerine is included with each shipment.
6. Eliminate the residual paint from the housing. Fill the housing approximately 1/3 full with DI/RO water.
7. Insert the bottom plug into the end of the element without the rubber seal(s). For elements with no rubber seal, insert bottom plug into any end...