Multibore Capillary UF Module

**Performance**
- Filtrate Flow: 7.8 – 19 gpm (1.8 – 4.3 m³/h)
- Filtrate Turbidity: ≤ 0.07 NTU
- Virus removal: ≥ 4 log
- Bacteria removal: ≥ 4 log

**Type**
- Configuration: Capillary Ultrafiltration Module
- Membrane Polymer: Hydrophilic Polyethersulfone
- Nominal Membrane Area: 323 ft² (30 m²)
- Fiber Dimensions:
  - Bore Diameter: 0.055” (1.4 mm)
  - Outer Diameter: 0.232” (5.9 mm)
- Pore size: 0.02 micron

**Application Data**
- Typical Filtrate Flux Range: 35 – 85 gfd (59 – 145 l/m²/h)
- Maximum Applied Feed Pressure: 73 psig (5 bar)²
- Maximum Transmembrane Pressure: 20 psig (1.4 bar)
- Maximum Backwash Transmembrane Pressure: 20 psig (1.4 bar)
- Instantaneous Chlorine Tolerance: 100 ppm³
- Instantaneous Hydrogen Peroxide Tolerance: 200 ppm³
- Maximum Chlorine Exposure: 200,000 ppm-hrs
- Maximum Instantaneous Feed Turbidity: 200 NTU
- Maximum Operating Temperature: 104 °F (40 °C)
- pH Operating Range: 4.0 – 10.0
- Operating Mode: Inside to Outside Filtration
- Dead End or Crossflow

**Typical Process Conditions**
- Backwash Flux: 100 – 150 gfd (170 – 255 l/m²/h)
- Backwash Duration: 30 – 60 seconds
- Backwash Frequency: 20 – 60 minutes
- Chemical Enhanced Backwash Frequency: 0 – 4 times per day
- Chemical Enhanced Backwash Duration: 1 – 30 minutes
- Disinfection Chemicals: NaOCl, H₂O₂, ClO₂ or NH₂Cl
- Cleaning Chemicals: NaOH, HCl, H₂SO₄ or Citric Acid

<table>
<thead>
<tr>
<th>A. inches (mm)</th>
<th>B. inches (mm)</th>
<th>C. inches (mm)</th>
<th>Pipe connections</th>
<th>Weight, lbs. (kg) ave.</th>
</tr>
</thead>
<tbody>
<tr>
<td>63 (1600)</td>
<td>66 1/8 (1680)</td>
<td>67 1/4 (1708)</td>
<td>2” Victaulic</td>
<td>97 (44)</td>
</tr>
</tbody>
</table>

**Certifications:**
- NSF61. Acceptable for drinking water use under LT2ESWTR.
- *Typical module performance for most feedwaters.
- † The limitations shown here are for general use. The values may be more conservative for specific projects to ensure the best performance and longest life of the membrane.
- ‡ At 68°F (20°C).
- § For 15 minutes or less.

Notice: Weight stated is shipping weight including 1L of a 10% Glycerin/18% Polypropylene glycol/72% water preservative.

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