Multibore Capillary UF Module

**Performance**
- Filtrate Flow: 5 – 12.3 gpm (1.1 – 2.8 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: 208 ft² (19.3 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)
- Maximum Transmembrane Pressure: 20 psig (1.4 bar)
- Instantaneous Chlorine Tolerance: 100 ppm
- Instantaneous Hydrogen Peroxide Tolerance: 200 ppm
- 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
- Cleaning pH Range: 1.5 – 13.0
- 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

**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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