Multibore Capillary UF Module

HYDRAcap®60-LD-A

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
- 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.

Notice:
- Weight stated is shipping weight including 1L of a 10% Glycerin/18% Polypropylene glycol/72% water preservative.
- The information and data contained herein are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. Hydranautics assumes no liability for results obtained or damages incurred through the application of the presented information and data. It is the user's responsibility to determine the appropriateness of Hydranautics' products for the user's specific end uses.

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