

## Multibore Capillary UF Module

## HYDRAcap®60-A

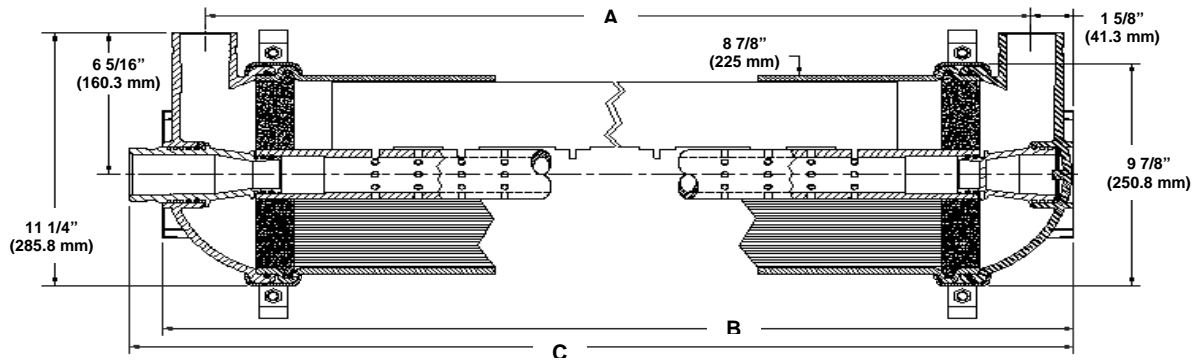
<b>Performance*</b>	Filtrate Flow: Filtrate Turbidity: Virus removal Bacteria removal	12.1 – 29.5 gpm (2.7 – 6.7 m <sup>3</sup> /h) ≤ 0.07 NTU ≥ 4 log ≥ 4 log
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<b>Type</b>	Configuration: Membrane Polymer: Nominal Membrane Area: Fiber Dimensions:  Pore size:	Capillary Ultrafiltration Module Hydrophilic Polyethersulfone 500 ft <sup>2</sup> (46 m <sup>2</sup> ) Bore Diameter 0.035" (0.9 mm) Outer Diameter 0.149" (3.8 mm)  0.02 micron
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<b>Application Data†</b>	Typical Filtrate Flux Range: Maximum Applied Feed Pressure: Maximum Transmembrane Pressure Maximum Backwash Transmembrane Pressure: Instantaneous Chlorine Tolerance: Instantaneous Hydrogen Peroxide Tolerance: Maximum Chlorine Exposure: Maximum Instantaneous Feed Turbidity: Maximum Operating Temperature: pH Operating Range: Cleaning pH Range: Operating Mode:	35 – 85 gfd (59 – 145 l/m <sup>2</sup> /h) 73 psig (5 bar)‡ 20 psig (1.4 bar) 20 psig (1.4 bar) 100 ppm§ 200 ppm§ 200,000 ppm-hrs 100 NTU 104 °F (40 °C) 4.0 - 10.0 1.5 – 13.0 Inside to Outside Filtration Dead End or Crossflow
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### Typical Process Conditions

Backwash Flux:	100 – 150 gfd (170 – 255 l/m <sup>2</sup> /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, H <sub>2</sub> O <sub>2</sub> , ClO <sub>2</sub> or NH <sub>2</sub> Cl
Cleaning Chemicals:	NaOH, HCl, H <sub>2</sub> SO <sub>4</sub> , or Citric Acid



A, inches (mm)	B, inches (mm)	C, inches (mm)	Pipe connections	Weight, lbs (kg)
63 (1600)	66 1/8 (1680)	67 1/4 (1708)	2" Victaulic	80 (36.3)

**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. Hydranautics also offers HYDRAcap®60-NON, which is a dummy module with no potting or fiber.

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