



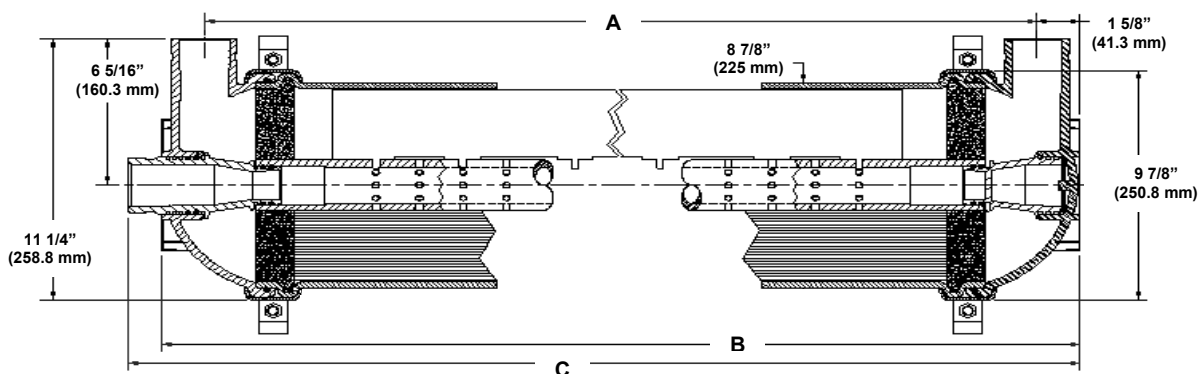
## Capillary Ultrafiltration Module

## HYDRAcap60+

<b>Performance</b> <sup>†</sup>	Filtrate Flow: Filtrate Turbidity: Virus removal Bacteria removal	14.7 – 35.7 gpm (3.3 – 8.1 m <sup>3</sup> /h) ≤ 0.07 NTU ≥ 4 log ≥ 4 log
<b>Type</b>	Configuration: Membrane Polymer: MWCO, nominal Nominal Membrane Area: Fiber Dimensions:	Capillary Ultrafiltration Module Hydrophilic Polyethersulfone 150,000 Daltons 605 ft <sup>2</sup> (56 m <sup>2</sup> ) ID 0.031" (0.8 mm), OD 0.055" (1.4 mm)
<b>Application Data</b> <sup>‡</sup>	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 Direct flow or Crossflow

### 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:	HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH or Citric Acid



A, inches (mm)	B, inches (mm)	C, inches (mm)	Pipe connections	Weight, lbs. (kg) ave.
63 (1600)	66 1/8 (1680)	67 1/4 (1708)	2" Victaulic	97 (44)

### Certifications: NSF61, CA-DHS Verification

\*\* For 15 minutes or less.

† 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.

**Notice:** Weight stated is shipping weight including 1L of a 0.95% solution of sodium bisulfite preservative.

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