

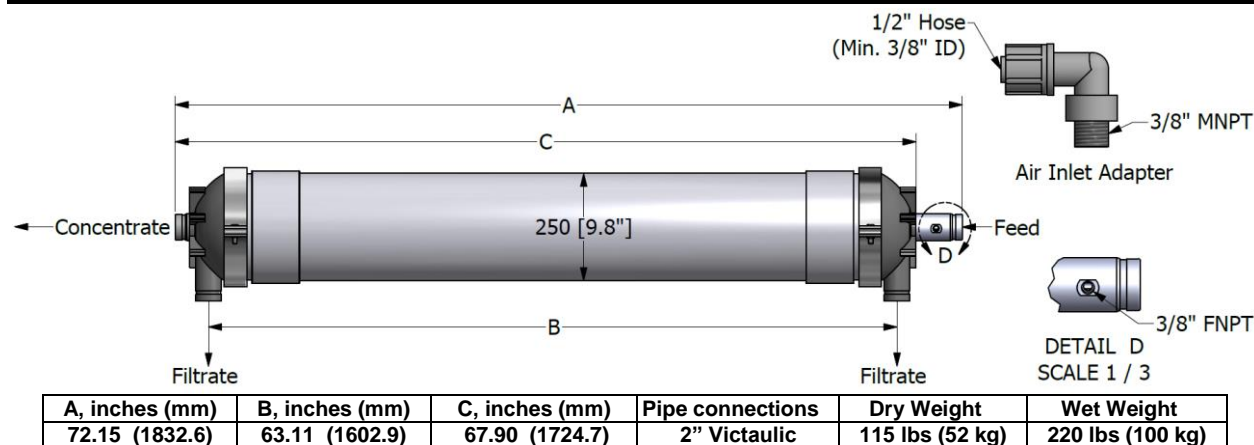
## Capillary Ultrafiltration Module

## HYDRAcap<sup>®</sup> MAX 60

<b>Performance<sup>†</sup></b>	Filtrate Flow: Filtrate Turbidity: Bacteria removal:	11.7 – 37.9 gpm (2.7 – 8.6 m <sup>3</sup> /h) ≤ 0.10 NTU ≥ 4 log
<b>Type</b>	Configuration: Membrane Polymer: Nominal Membrane Area: Fiber Dimensions: Pore size:	Capillary Ultrafiltration Module PVDF 840 ft <sup>2</sup> (78 m <sup>2</sup> ) ID 0.024" (0.6 mm), OD 0.047" (1.2 mm) 0.08 micron
<b>Application Data<sup>‡</sup></b>	Typical Filtrate Flux Range: Maximum Applied Feed Pressure: Maximum Transmembrane Pressure: Instantaneous Chlorine Tolerance: Maximum Chlorine Exposure: Maximum Feed Turbidity: Maximum Operating Temperature: pH Operating Range: Cleaning pH Range: Operating Mode:	20 – 65 gfd (34 – 110 l/m <sup>2</sup> /h) 73 psig (5.0 bar) 30 psig (2.0 bar) 5000 ppm 750,000 ppm-hrs 300 NTU 104 °F (40 °C) 4.0 – 10.0 1.0 – 13.0 Outside to Inside Filtration Dead End or Cross flow mode

### Typical Process Conditions

Air Scour Rate:	7.3 – 9.1 acfm (12.3 – 15.4 m <sup>3</sup> /h)
Air Scour Duration:	120 – 240 seconds
Air Scour Frequency:	Once every 20 – 60 minutes
Maintenance Clean Frequency:	1 – 3 times per day
Maintenance Clean Duration:	20 – 30 minutes
Disinfection Chemicals:	NaOCl, 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



**Certifications:** NSF61, NSF419 (US LT2ESWTR – Public Drinking Water Compliance)

<sup>†</sup> At 68°F (20°C).

<sup>\*\*</sup> For 60 minutes or less.

<sup>\*\*\*</sup> Higher values can be treated. Consult Hydranautics' technical staff.

<sup>††</sup> Typical module performance for most feedwaters.

<sup>‡</sup> 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:** Hydranautics also offers HYDRAcap<sup>®</sup> MAX 60-NON, which is a dummy module with no potting or fiber.

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