



Car	oillary	<b>Microfiltration</b>	Module	HYDRAcap® MAX 60	)
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Performance <sup>†</sup>	Filtrate Flow:	11.7 – 37.9 gpm (2.7 – 8.6 m <sup>3</sup> /h)
	Entra Transfer	4 O 4 O NITU

Filtrate Turbidity: ≤ 0.10 NTU Bacteria removal: ≥ 4 log

Type Configuration: Capillary Microfiltration Module

> Membrane Polymer: **PVDF**

840 ft<sup>2</sup> (78 m<sup>2</sup>) Nominal Membrane Area:

ID 0.024" (0.6 mm), OD 0.047" (1.2 mm) Fiber Dimensions:

Pore size: 0.1 micron

Application Data<sup>‡</sup> Typical Filtrate Flux Range:  $20 - 65 \text{ gfd } (34 - 110 \text{ l/m}^2/\text{h})$ 

Maximum Applied Feed Pressure: 73 psig (5.0 bar) Maximum Transmembrane Pressure 30 psig (2.0 bar) Instantaneous Chlorine Tolerance: 5000 ppm 750,000 ppm-hrs Maximum Chlorine Exposure: Maximum Feed Turbidity: 300 NTU 104 = (40 = ) Maximum Operating Temperature:

pH Operating Range: 4.0 - 10.0Cleaning pH Range: 1.0 - 13.0

Operating Mode: Outside to Inside Filtration Dead End or Cross flow mode

## **Typical Process Conditions**

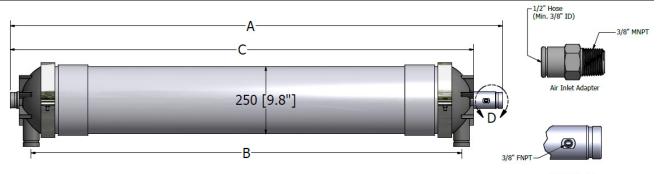
Air Scour Rate: 7.3 - 9.1 acfm  $(12.3 - 15.4 \text{ m}^3/\text{h})$ 

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: NaOCI, CIO2 or NH2CI

Cleaning Chemicals: NaOCI, HCI, H2SO4 or Citric Acid



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A, inches (mm)	B, inches (mm)	C, inches (mm)	Pipe connections	Dry Weight	Wet Weight
72.15 (1832.6)	63.11 (1602.9)	67.90 (1724.7)	2" Victaulic	115 lbs (52 kg)	220 lbs (100 kg)

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5/1/13



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

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

<sup>&</sup>lt;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