

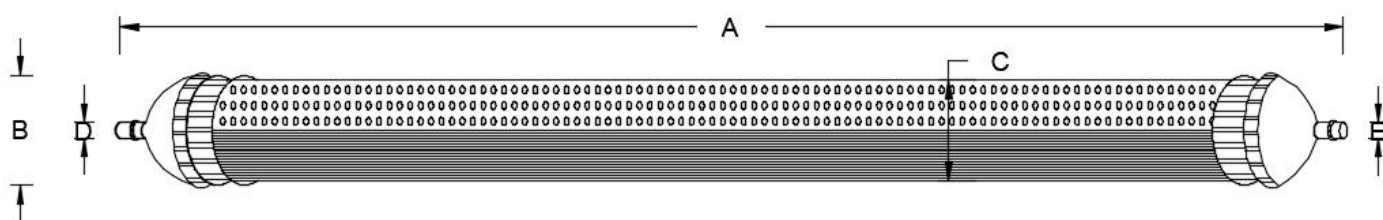
FFM-WUF-375

FFM's submerged column ultrafiltration membrane is specially designed for large-scale water treatment processes. A key feature of this membrane is its direct immersion into the water to be treated, utilizing negative pressure for water production, which ensures efficient operation with minimal energy consumption. Featuring a robust column structure with high strength and a compact footprint, it is ideal for the upgrade of existing water treatment facilities. Known for its strong anti-fouling capabilities and ease of online cleaning, this product is extensively used in municipal sewage advanced treatment and reuse, industrial wastewater processing, as well as pre-treatment for seawater desalination.

Performance Parameters

Membrane Material:	PVDF
Housing Material:	PVC
Membrane Type:	Hollow fiber
Mode of Filtration:	Negative pressure suction
Active Membrane Area:	485ft ² (45.0m ²)
Membrane Pore Size:	<0.03μm
Filtration Flux:	30-80L/(m ² h)(18-47gfd)

Product Specifications



Dimensions-inches(mm)				
A	B	C	D	E
78.7(2000)	7.5(190)	6.3(160)	1¼(DN32)	1¼(DN32)

Operation Parameters

Operating Temperature Range:	≤45°C
PH Tolerance Range:	1-13
Maximum Suction Pressure:	-0.08Mpa(-11.6psi)
Maximum Backwash Pressure:	0.15Mpa(22psi)
Maximum Filtration TMP:	0.08Mpa (12psi)
Backwash Water Flow Rate:	1.5-4m ³ /h
Backwash Gas Flow Rate:	≤2.5m ³ /h

*For specialized applications or customized solutions, please contact FFM Inc. directly.