

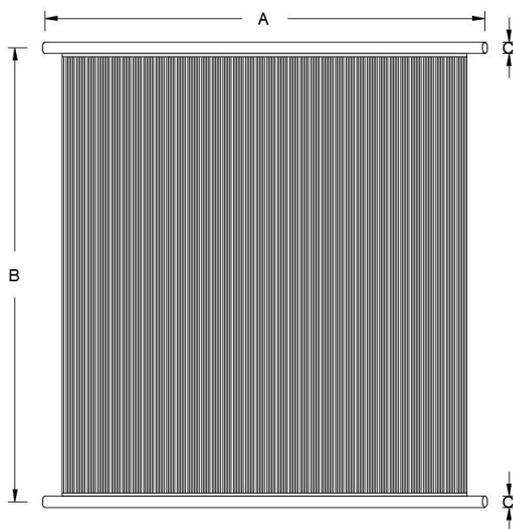
FFM-MBR-20

FFM's hollow fiber curtain membrane modules are specifically engineered for membrane bioreactor (MBR) systems. Their innovative curtain configuration offers high packing density and is directly immersed in the biological reactor. By integrating biological treatment with advanced membrane filtration, these modules achieve complete solid-liquid separation, delivering consistently superior effluent quality. Featuring exceptional fouling resistance and efficient online cleaning capabilities, FFM curtain membrane modules excel in municipal wastewater treatment and reuse facilities requiring stringent discharge standards, industrial organic wastewater applications, and capacity expansion or system upgrades of existing treatment plants.

Performance Parameters

Membrane Material:	PVDF
Porosity:	>70%
Outer Diameter Of Membrane:	2.8mm
Membrane Pore Size:	0.03-0.4μm
Membrane Type:	Hollow fiber
Mode of Filtration:	Negative pressure suction
Active Membrane Area:	215ft ² (20m ²)
Filtration Flux:	10-20L/(m ² h)(6-12gfd)

Product Specifications



Dimensions-inches(mm)		
A	B	C
49.2(1250)	70.9(1800)	1.2(30)

Operation Parameters

Operating Temperature Range:	≤40°C
PH Tolerance Range:	2-12
Maximum Filtration TMP:	0.015Mpa (2.18psi)
Operation Mode:	Run for 8 minutes, stop for 2 minutes
Maximum Backwash Pressure:	0.15Mpa(22psi)
Aeration Volume Ratio:	15-20:1
Sludge Concentration:	5000-12000mg/L

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