

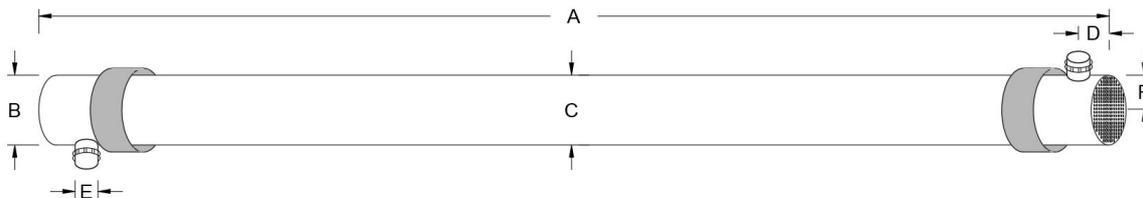
## FFM-TUF-290

FFM's tubular membrane series including 5mm/8mm/12mm diameters, the items designed with PVDF/PES inner membranes and backed by reinforced outer layers. Integrated membrane tubes form a compact filtration module where raw feed under pressure yields permeate through the membrane, exiting via the permeate port. Designed with universal interfaces and tool-free quick-connect fittings for effortless installation/maintenance, the solution delivers full-size coverage for diverse applications plus custom engineering support.

### Performance Parameters

Membrane Material:	PVDF/PES
Housing Material:	PVC
Connection Method:	Grooved Clamp
Active Membrane Area:	293.32ft <sup>2</sup> (27.25m <sup>2</sup> )
Number Of Membrane Elements:	365
Membrane Tube Diameter:	8mm(5/8/12mm Etc)

### Product Specifications



Dimensions-inches(mm)					
A	B	C	D	E	F
118.1(3000)	8.6(219.1)	8.3(210)	3.5(90)	2 1/2(DN65)	6.5(165)

### Operation Parameters

Index	Series	Membrane Material	MWCO/Pore Size	Pure Water Flux	Salt Rejection Rate (%)		Operating Pressure	Maximum Operating Temperature	pH Range	Chlorine Tolerance		
					MgSO <sub>4</sub>	NaCL						
Unit	/	/	Dalton/μm	LMH	MgSO <sub>4</sub>	NaCL	Kpa	°C	/	PPM•h		
Parameter	MF	PVDF	0.1	1200	/		50-600	75	2-11	250000		
			0.2	1500								
			0.45	2000								
	UF	PES	100000	1000			50-600	75	2-11	250000		
			50000	400								
			30000	210								
			10000	80								
	NF	PA/PVDF Composite	200-1000	80			80	10	300-1000	75	3-10	/
				75			95	20				
				65			98	30				

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