

FFM-NS8040HP

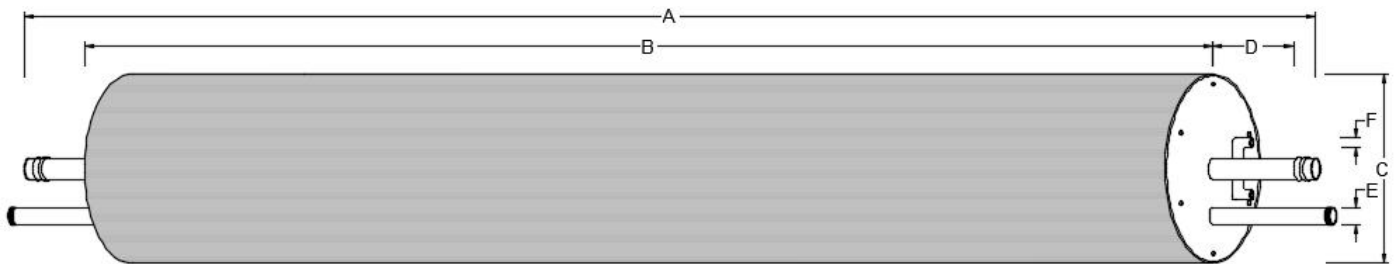
FFM's Spacer Tube Nanofiltration Membrane delivers high-pressure water treatment excellence: stable operation at extreme pressures, 40% lower hydraulic resistance via patented open-channel flow, 15% larger effective area, tolerance for industrial wastewater feed, 2-3x concentration factors under pressure, 6-12 month cleaning cycles, 3+ year lifespan, and 30% lower operating costs with minimal downtime for immediate ROI.

Performance Parameters

Membrane Material:	Composite Polyamide
Structure:	Special Scroll
Flow Channel Structure:	Trapezoidal Open Flow Channel
Flow Channel Thickness:	0.032-0.047' (0.8-1.2mm)
Active Membrane Area:	290ft ² (27.0m ²)
Consistent Salt rejection:	99.0%
Minimum Salt rejection:	98.0%
Permeate Flow:	6600 gpd(25m ³ /d)
Test conditions:	2000 mg/L Mgso ₄ Solution 77 F(25°C) Operating Temperature 109 psi (0.75Mpa) Applied Pressure 15% Permeate Recovery

*Single-element water outlet tolerance: ±20% (standard conditions).

Product Specifications



Dimensions-inches(mm)					
A	B	C	D	E	F
51.4(1305)	45.3(1150)	8.3(210)	3.0(75)	1(DN25)	0.46×0.35(11.6×9)

Operation Parameters

Maximum Operating Temperature:	113°F (45°C)
Maximum Operating Pressure:	1204 psi (8.3 Mpa)
Maximum Pressure Drop Per Element:	15psi (0.1 Mpa)
pH Range, Continuous Operation:	3-11
pH Range, Short Term Cleaning :	2-12
Maximum Chlorine Concentration:	< 0.1mg/L

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