



## FFM-RSD8042EHP

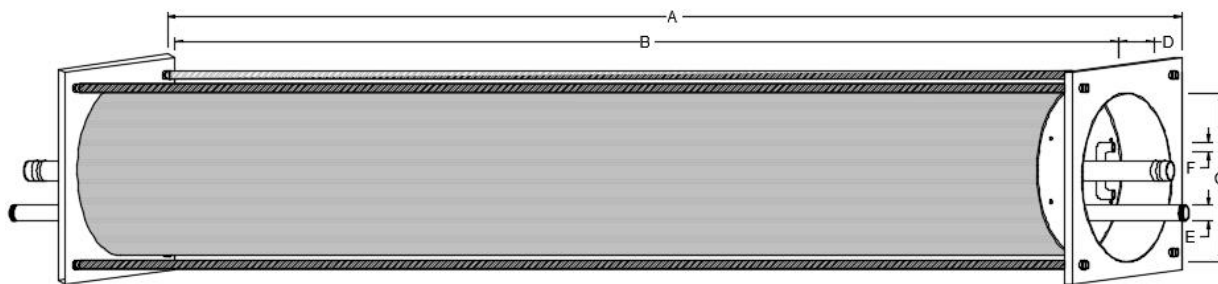
FFM's Spacer Tube RO Membrane: Designed for high-salinity water treatment with 40% lower hydraulic resistance, 15% higher flux, and SDI ≤ 5 compatibility (industrial/brackish/wastewater). Achieves 2–3x concentration under pressure, extends cleaning cycles to 6-12 months, ensures 3+ year's lifespan, and cuts OPEX by 30% via minimized downtime-delivering rapid ROI for industrial/municipal applications.

### 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 <sup>2</sup> (27.0m <sup>2</sup> )
Consistent Salt rejection:	99.6%
Minimum Salt rejection:	99.0%
Permeate Flow:	5300 gpd(20m <sup>3</sup> /d)
Test conditions:	32000 mg/L NaCL Solution 77 F(25°C) Operating Temperature 798 psi (5.5Mpa) Applied Pressure 8% Permeate Recovery pH=8

\*Single-element water outlet tolerance: ±15% (standard conditions).

### Product Specifications



Dimensions-inches(mm)					
A	B	C	D	E	F
51.4(1305)	48.4(1230)	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:	1740 psi (12 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.