

FFM-RD8042HHP

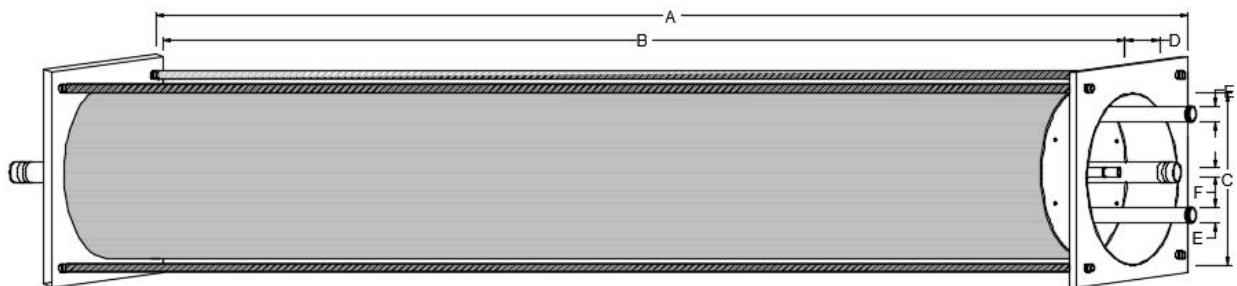
FFM's DTRO Disc Tube Reverse Osmosis Membrane admits extreme pressures up to 16 MPa with industry-leading fouling resistance, maintaining stable performance in challenging wastewaters. Its patented spacer design prevents clogging while achieving 85–90% water recovery, enabling direct treatment of landfill leachate and high-strength industrial wastewaters without pretreatment-reducing operating costs by 35% and extending membrane lifespan to over 5 years.

Performance Parameters

Membrane Material:	Composite Polyamide
Structure:	Disc Tube Structure
Flow Channel Structure:	Open Flow Channel
Flow Guide Disc:	ABS
Housing Material:	FRP
Flow Channel Thickness:	0.059' (1.5mm)
Active Membrane Area:	101ft ² (9.4m ²)
Number Of DTRO Membranes:	209
Consistent Salt rejection:	99.6%
Minimum Salt rejection:	99.0%
Permeate Flow:	2030 gpd(320L/h)
Test conditions:	32000 mg/L NaCL Solution 77 F(25°C) Operating Temperature 798 psi (5.5Mpa) Applied Pressure

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

Product Specifications



Dimensions-inches(mm)					
A	B	C	D	E	F
55.1(1400)	48.2(1225)	8.5(216)	3.9(98)	0.47(12)	0.46×0.35(11.6×9)

Operation Parameters

Maximum Operating Temperature:	104°F (40°C)
Maximum Operating Pressure:	2321 psi (16.0 Mpa)
Maximum Pressure Drop Per Element:	131psi (0.9 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.