ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

8″ Spiral Wound Nanofiltration Elements

Description:

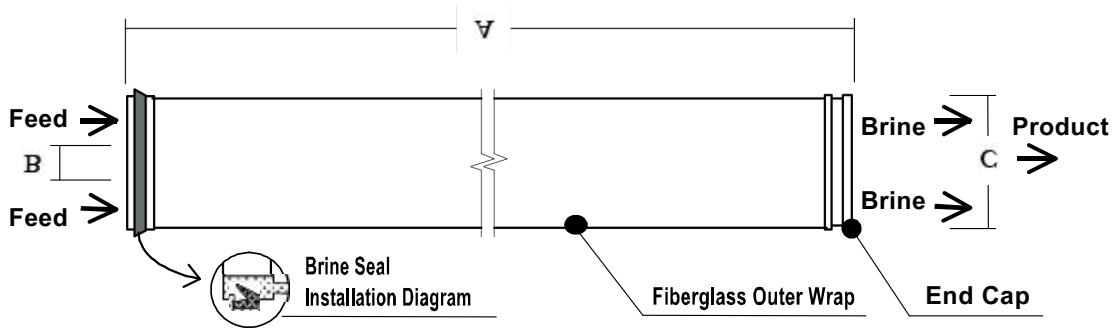
Low Pressure, High Productivity:
Low pressure application for nanofiltration

Specifications:

Model	Permeate Flow GPD(m^3/day)	Active Membrane Area ft^2(m^2)	Stabilized Salt Rejection	M inimum Salt Rejection	Feed spacer mil (mm)	Test Conditions
NF-8040-400(34)	11800 (45)	400(37)	98%	97%	34(0.85)	70psi/2000ppm MgSO
	13800 (52)		40~60%	40~60%		70psi/500ppm NaCl

1. All performance data are collected at 25℃ (77°F), pH7.5 and 15% recovery rate.
2. Permeate flows for single element may vary ±15%.

Element Dimension:



Product	Dimensions – Inches (mm)		
	A	B	C
NF-8040-400(34)	40.0 (1016)	1.125 (29)	7.9 (201)

* 1 inch= 25.4 mm

Operating Limits for Design:

Maximum Operating Temperature…….…….…….…… 45°C(113°F)
Maximum Operating Pressure…….…….…….…….. 600psi(41bar)
Maximum Pressure Drop (single element)…….…… 15psi(1.0bar)
pH Range for Continuous Operation…….…….…….. 3-10
pH Range for Cleaning…….…….…….…….. 2-11
Chlorine tolerance…….…….…….…….. <0.1ppm
Maximum Feed SDI…….…….…….…….…… 5