ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

8″ Spiral Wound Nanofiltration Elements

Description:

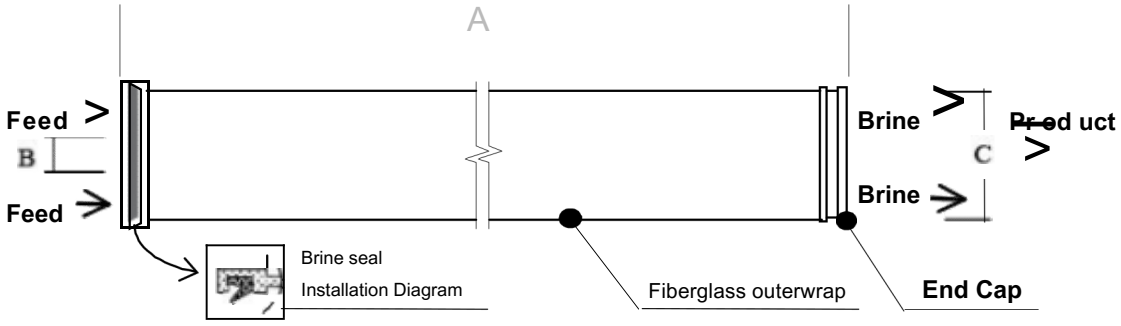
Low Pressure, High Productivity:
Low pressure application for nanofiltration

Specifications:

Model	Permeate Flow GPD(m ³ / day)	Active Membrane Area ft²(m²)	Stabilized Salt Rejection	Min im um Salt Rejection	Feed spacer mil(mm)	Test Conditions
NF-8040-400	11800 (45)	400(37)	98%	97%	28(0.7)	70psi/2000ppm MgSO4
	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 NF-8040-400	Dimensions – Inches (mm)		
	A	B	C
	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