ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

4″ Spiral Wound Nanofiltration Elements

Description:

Low Pressure, High Productivity:
Low pressure application for nanofiltration

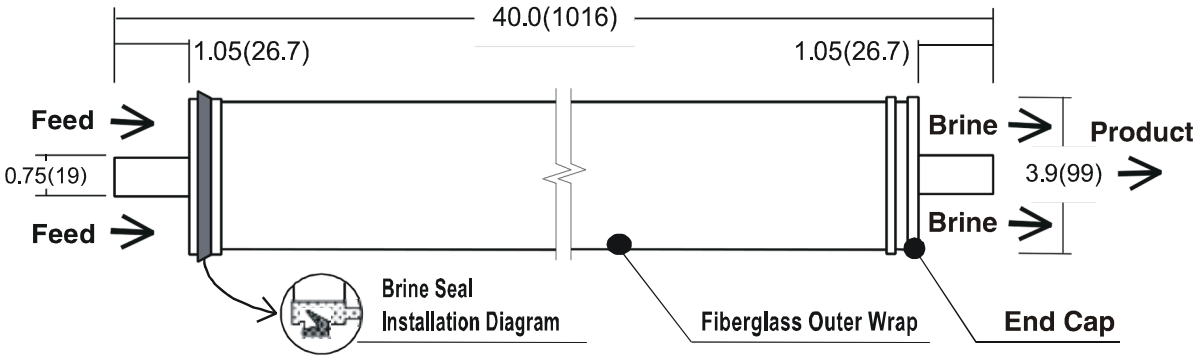
Specifications:

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-4040-HR	2100（8）	90(8.4)	99%	98%	28(0.7)	100psi/2000ppm MgSO4
	2000（8）		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:

* Unit: Inch (mm)
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