ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

D4″ Spiral Wound Nanofiltration Elements

Description:

High Rejection, High Productivity:
High pressure application for nanofiltration

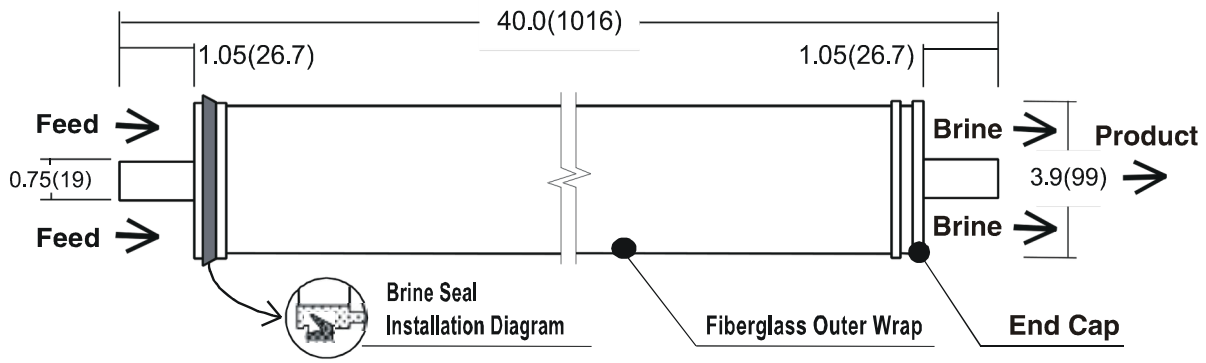
Specifications:

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-HP	2100 (8)	90(8.4)	99%	98%	28(0.7)	100psi/2000ppm MgSO4
	2000 (8)		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……..…….…….. 1200psi(83bar)
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