

4" Fouling Resistant Spiral Wound Elements

Description:

Low Pressure, High Productivity:

The FR type membrane surface is more hydrophilic due to the special treatment. It is specially designed for water treatment against biological and organic fouling. With build-in FR properties, this model of elements allows for effective cleaning, renewing active membrane surface thus extending the service life in the tough water conditions.

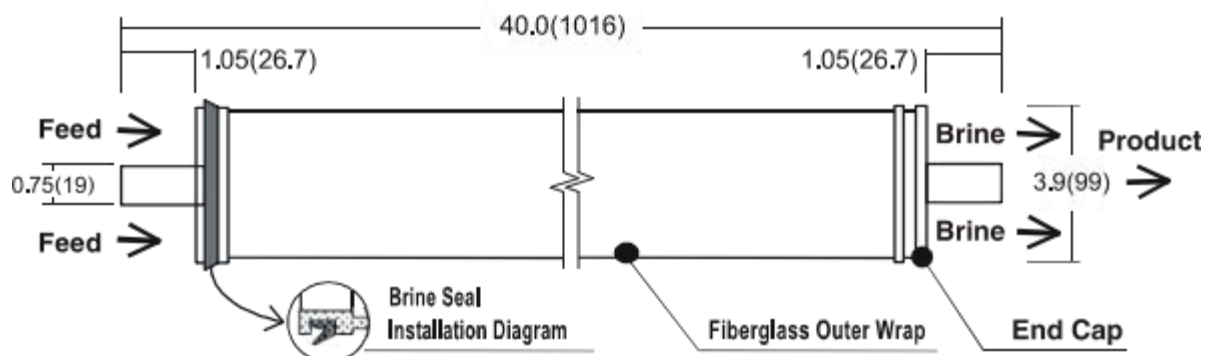
Specifications:

Model	Permeate Flow GPD(m ³ /day)	Active Membrane Area ft ² (m ²)	Stabilized Salt Rejection	Minimum Salt Rejection	Feed spacer mil(mm)	Test Conditions
FR- 4040	2400(9)	90(8.4)	99.6%	99.5%	28(0.7)	225psi/2000ppm NaCl

1. All performance data are collected at 25°C (77°F), pH7.5 and 8% 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	2-11
pH Range for Cleaning	1.2-12
Chlorine tolerance	<0.1ppm
Maximum Feed SDI	5

