

8" Spiral Wound Nanofiltration Elements

Description:

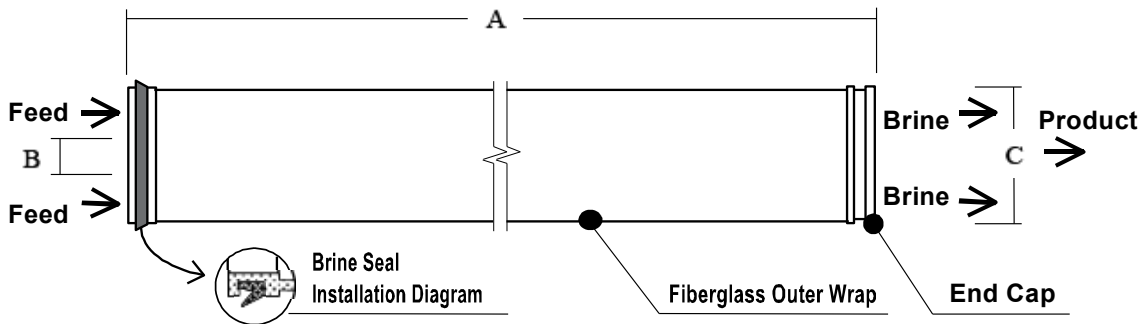
Low Pressure, High Productivity:
Low pressure application for nanofiltration

Specifications:

| Model | Permeate Flow GPD(m ³ /day) | Active Membrane Area ft ² (m ²) | Stabilized Salt Rejection | Minimum Salt Rejection | Feed spacer mil(mm) | Test Conditions |
|--------------------|-------------------------------------------|-----------------------------------------------------------|------------------------------|---------------------------|------------------------|---------------------------------|
| NF-8040-400DW (34) | 11875 (45) | 400 (37) | 98% | 97% | 34 (0.85) | 70psi/2000ppm MgSO ₄ |
| | 13965 (53) | | 40~60% | 40~60% | | 70psi/500ppm CaCl ₂ |

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

Element Dimension:



| Product | Dimensions – Inches (mm) | | |
|-------------------|--------------------------|------------|-----------|
| | A | B | C |
| NF-8040-400DW(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 |

