

## 8" Spiral Wound Elements for Sea Water

### Description:

High Rejection, High Productivity:  
High pressure application for seawater treatment

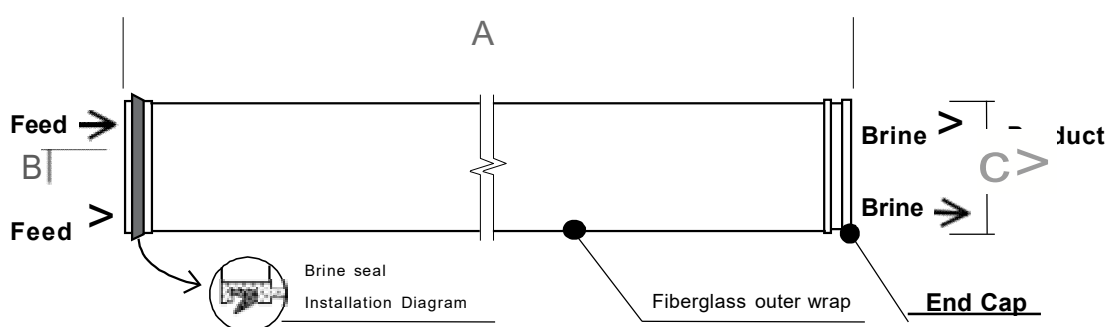
### Specifications:

| Model      | Permeate Flow<br>GPD(m <sup>3</sup> /day) | Active Membrane<br>Area ft <sup>2</sup> (m <sup>2</sup> ) | Stabilized<br>Salt Rejection | Minimum<br>Salt Rejection | Feed spacer<br>mil(mm) | Test Conditions      |
|------------|-------------------------------------------|-----------------------------------------------------------|------------------------------|---------------------------|------------------------|----------------------|
| SW-8040-HF | 9200 (35)                                 | 400(37)                                                   | 99.7%                        | 99.6%                     | 28(0.7)                | 800psi/32800ppm 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:



| Product    | Dimensions – Inches (mm) |            |           |
|------------|--------------------------|------------|-----------|
|            | A                        | B          | C         |
| SW-8040-HF | 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 .....             | 1200psi(83bar) |
| 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              |

