

## 8" Spiral Wound Elements for Brackish Water

### Description:

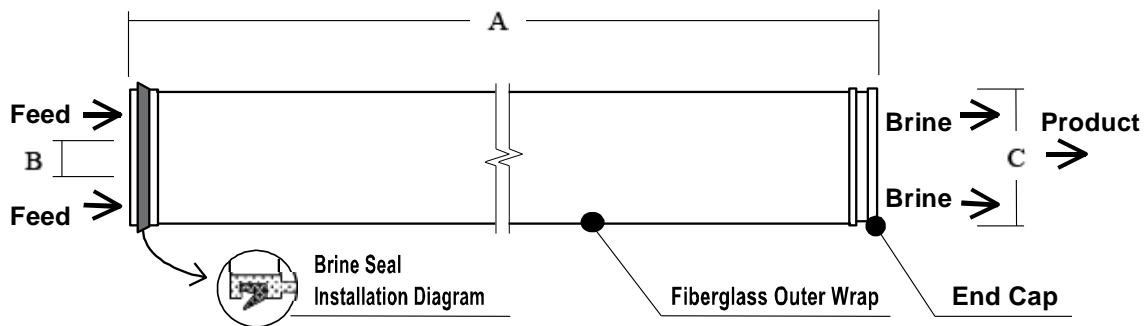
Low Pressure, High Productivity:  
Low or ultra low pressure application for brackish water treatment

### Specifications:

Model	Permeate Flow GPD(m <sup>3</sup> /day)	Active Membrane Area ft <sup>2</sup> (m <sup>2</sup> )	Stabilized Salt Rejection	Feed spacer mil(mm)	Test Conditions
BW-8040-400	11095(42)	400(37)	99.5%	28(0.7)	225psi/2000ppm NaCl
BW-8040-HT	10570(40)	400(37)	99.5%	28(0.7)	225psi/2000ppm NaCl
ULP-8040-400	11095(42)	400(37)	99.0%	28(0.7)	150psi/2000ppm NaCl
ULP-8040-440	12300(46.6)	440(41)	99.0%	28(0.7)	150psi/2000ppm NaCl
XULP-8040-400	10570(40)	400(37)	99.0%	28(0.7)	100psi/500ppm NaCl

1. All performance data are collected at 25°C (77°F), pH7.5 and 15% recovery rate.
2. Permeate flows for single element may vary ±15%.
3. HT version was designed for high TDS feed water up to 10,000 ppm

### Element Dimension:



Product	Dimensions – Inches (mm)		
	A	B	C
BW-8040-400	40.0 (1016)	1.125 (29)	7.9 (201)
BW-8040-HT	40.0 (1016)	1.125 (29)	7.9 (201)
ULP-8040-400	40.0 (1016)	1.125 (29)	7.9 (201)
ULP-8040-440	40.0 (1016)	1.125 (29)	7.9 (201)
XULP-8040-400	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.....	3-11
pH Range for Cleaning.....	1.5-12
Chlorine tolerance.....	<0.1ppm
Maximum Feed SDI.....	5



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## 8" 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 built-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.

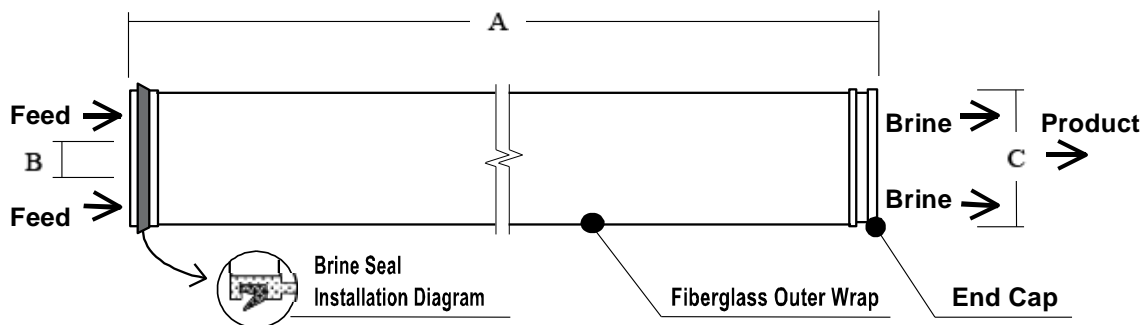
### Specifications:

Model	Permeate Flow GPD(m <sup>3</sup> /day)	Active Membrane Area ft <sup>2</sup> (m <sup>2</sup> )	Stabilized Salt Rejection	Feed spacer mil(mm)	Test Conditions
FR-8040-400	10500(40)	400(37)	99.5%	28(0.7)	225psi/2000ppm NaCl
FR-8040-370(34)	9700(37)	370(34)	99.5%	34(0.85)	225psi/2000ppm NaCl

1. All performance data are collected at 25°C (77°F), pH7.5 and 15% recovery rate.

2. Permeate flows for single element may vary ±15%.

### Element Dimension:



Product	Dimensions – Inches (mm)		
	A	B	C
FR-8040-400	40.0 (1016)	1.125 (29)	7.9 (201)
FR-8040-370	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.....	3-11
pH Range for Cleaning.....	1.5-12
Chlorine tolerance.....	<0.1ppm
Maximum Feed SDI.....	5

