



SRP ULP 4040

High Quality Ultra-Low Pressure
Reverse Osmosis Membrane



SRP ULP 4040

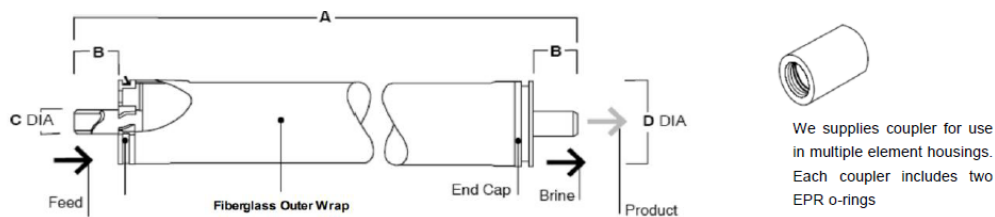
The SRP ULP 4040 Membrane Elements are designed for ultra-low pressure applications, offering high permeate flow and excellent rejection rates. These membranes are ideal for industries requiring energy-efficient water treatment solutions, ensuring high-quality water production with reduced operational costs.

Product Type :

Spiral-wound element with polyamide thin-film composite membrane

RO Membrane Element	Square Feet	Square Meter	Thickness (mil)	(gpd)	(m3 /d)	Stabilised Salt Rejection (%)
SRP ULP 4040	85	7.9	28	2350	8.9	99.2%

1. Values are normalized to the following conditions: 2,000 ppm NaCl, 150 psi (1.05 MPa), 77°F (25°C), pH 7.5, 15% recovery.
2. Permeate flows for individual elements may vary $\pm 15\%$.
3. Minimum Salt Rejection is 99.0%.
4. Stabilized salt rejection is generally achieved within 24 – 48 hours of continuous use, depending upon feedwater characteristics and operating conditions.
5. Product specifications may vary slightly as improvements are implemented.
6. Active area guaranteed $\pm 5\%$. Active area as stated by us is not comparable to the nominal membrane area figure often stated by some element suppliers.



A	B	C	D
40.0 Inches (1016 mm)	1.05 Inches (26.7 mm)	0.75 Inches (19 mm)	4 Inches (100 mm)

1. Refer to Our Design Guidelines for multiple-element systems of 8-inch elements.
2. Element to fit nominal 8-inch I.D. pressure vessel.

Operating Condition

Maximum Operating Temperature (a,b)	113°F (45°C)
Maximum Operating Pressure (b)	600 psig (41 bar)
Maximum Element Pressure Drop	15 psig (1.0 bar)
pH Range :	
{Continuous Operation}(a)	2 – 11
{Short-term Cleaning (30 min)}(c)	1 – 13
Maximum Feed Silt Density Index (SDI)	SDI 5
Free Chlorine Tolerance (d)	< 0.1 ppm

- a. Maximum temperature for continuous operation above pH 10 is 95°F (35°C).
- b. Consult your representative for advice on applications above 95°F (35°C). Refer to Our Elements Operating Limits for warranty-voiding conditions and additional information.
- c. Refer to guidelines in Cleaning Guidelines for more information.
- d. Under certain conditions, the presence of free chlorine and other oxidizing agents will cause premature membrane failure. Since oxidation damage is not covered under warranty, We recommends removing residual free chlorine by pretreatment prior to membrane exposure. Please refer to technical bulletin Dechlorinating Feedwater for more information.



SRP BW 4040

High Quality Brackish Water
Reverse Osmosis Membrane



SRP BW 4040

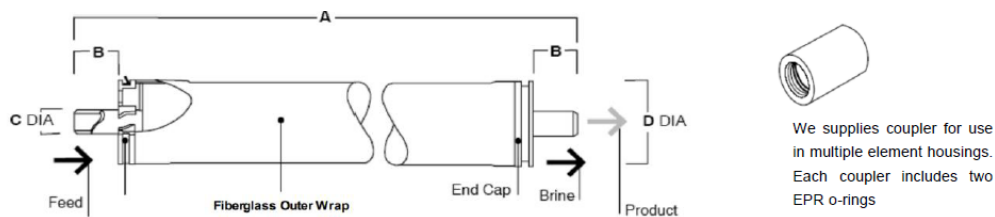
The SRP BW 4040 Membrane Elements are engineered for reliable brackish water treatment, providing optimal performance with low operating pressure and high permeate flow. These membranes deliver excellent rejection of salts, organics, and other contaminants, making them versatile for a wide range of industrial applications, including water purification and process water treatment.

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Spiral-wound element with polyamide thin-film composite membrane

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SRP Membranes

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