



<b>Type</b>	<b>Configuration:</b> Sanitary Spiral Wound	<b>Membrane Polymer:</b> Composite Polyamide	<b>ATD Material:</b> Polysulphone
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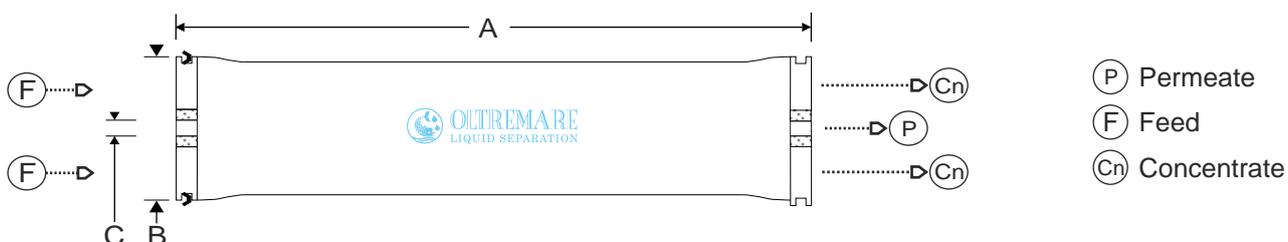
<b>Specifications</b>	<b>Permeate * Flow:</b> 12000 gpd (45,4 m <sup>3</sup> /d)	<b>Salt Rejection:</b> 99,2% nominal (99,0% minimum)	<b>Nominal Membrane Area:</b> 400ft <sup>2</sup> (37,2m <sup>2</sup> )
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<b>Test Conditions</b> (After 30 min of operation)	<b>Solution</b> NaCl 500 ppm	<b>Applied Pressure:</b> 100 psi (6,9 bar)	<b>Operating Temperature:</b> 77 °F (25 °C)	<b>Permeate Recovery:</b> 15%	<b>pH Range:</b> 6,5 ÷ 7,0
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\* Before sanitization

### Dimensions

A Total Length	B ATD Diameter	C Connection Int. Diameter	Weight
40.0 inches (1016 mm)	7.89 inches (200 mm)	1.125 inches (28,6 mm)	36 lbs (16,4 Kg)



### Maximum Operating Limits

Operating Pressure	Pressure Drop	Feed Flow	Chlorine Concentration	Feedwater SDI (15min)	Feedwater Turbidity
600 psi (41,4 bar)	10 psi (0,7 bar)	75 gpm (17,0 m <sup>3</sup> /h)	<0,1 ppm	5,0	1,0 NTU

### Other Operating Limits

Max Sanitizing Temperature	Max Sanitizing Pressure	Feedwater pH	Minimum ratio of concentrate to permeate flow for any element
185 °F (85 °C)	25 psi (1,7 bar)	3,0 ÷ 10,0	5:1

The limitations shown in Operating Limits are for general use. The values may be more conservative for specific projects to ensure the best performance and longest life of the membrane.

Notice: Permeate flow for individual element may vary +25 or -15 percent. Element is vacuum sealed in a polyethylene bag containing less than 1.0% sodium meta-bisulfite.

Guidelines: Permeate obtained from first hour of operation should be discarded.  
 Avoid static permeate-side backpressure at all times.  
 These membranes may be subject to drinking water application restrictions in some countries: please check the application status before use and sale.  
 For element loading use only glycerine to lubricate o-rings and brine seal.

The customer is fully responsible for the effects of incompatible chemicals on elements. The presence of free chlorine and other oxidizing agents will cause membrane failure, the damaged is not covered under warranty.  
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