



TF8040BW-400

Very High Rejection

Performance

Membrane Element	: TF8040BW-400
Permeate Flow	: 11,000 gpd (41.6 m ³ /d)
Salt Rejection	: 99.7% (99.6% minimum)

Type

Configuration	: Spiral Wound
Membrane Polymer	: Composite Polyamide
Membrane Active Area	: 400 ft ² (37.2 m ²)
Feed Spacer	: 31 mil (0.787mm)

Application Data*

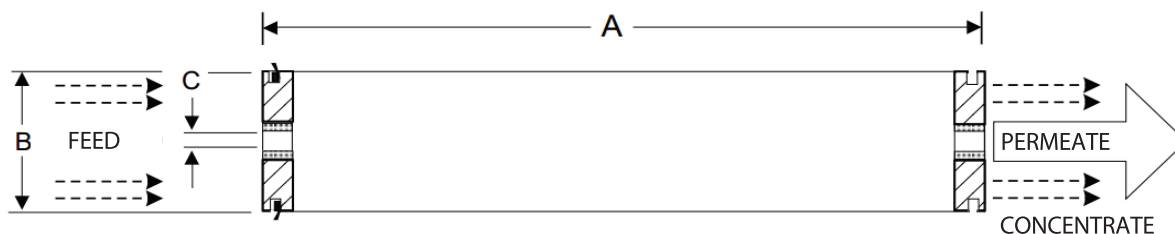
Maximum Applied Pressure	: 600 psig (4.14 MPa)
Maximum Chlorine Concentration	: < 0.1 PPM
Maximum Operating Temperature	: 113 °F (45 °C)
pH Range, Continuous (Cleaning)	: 3-10 (2-11)
Maximum Feed water Turbidity	: 1.0 NTU
Maximum Feed water SDI (15 mins)	: 5,0
Maximum Feed Flow	: 75 GPM (17m ³ /h)
Minimum Ratio of Concentrate to Permeate Flow for any Element	: 5:1
Maximum Pressure Drop for Each Element	: 15 psi

* The limitations shown here are for general use. For specific projects, operating at more conservative values may ensure the best performance and longest life of the membrane. Please feel free to contact us for more detail on operation limits, cleaning pH, and cleaning temperatures.

Test Conditions

The stated performance is initial (data taken after 30 minutes of operation), based on the following conditions:

- 1500 PPM NaCl solution
- 225 psi (1.55 MPa) Applied Pressure
- 77 °F (25 °C) Operating Temperature
- 15% Permeate Recovery
- 6.5 - 7.0 pH Range



A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.0 (1016)	7.90 (201)	1.125 (28.6)	34.17 (15.50)

Notice: Permeate flow for individual elements may vary ± 15 percent. Membrane active area may vary $\pm 4\%$. Element weight may vary. All membrane elements are supplied with a brine seal, interconnector, and o-rings.

Guidelines: Permeate obtained from first hour of operation should be discarded. Avoid static permeate-side back pressure 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 damage is not covered under warranty. Tecflo believes the information and data contained herein to be accurate and useful. The information and data. It is the user's responsibility to determine the appropriateness of Tecflo's products for the user's specific end uses.

No performance warranties are given; all implied warranties of merchantability or fitness for a particular purpose are expressly excluded. Consult factory for detailed warranty information.

We reserve the right to modify or amend specifications without prior notice.