

Type

Configuration:
Spiral Wound

Membrane Polymer:
Composite Polyamide

Brine Spacer Material:
Polypropylene

Specifications

Permeate
Flow:

12000 gpd
(45,4 m³/d)

Salt
Rejection:

99,5% nominal
(99,2% minimum)

Nominal Membrane
Area:

440ft²
(40,9m²)

Test Conditions (After 30 min of operation)

Solution

NaCl

1500 ppm

Applied
Pressure:

225 psi
(15,5 bar)

Operating
Temperature:

77 °F
(25 °C)

Permeate
Recovery:

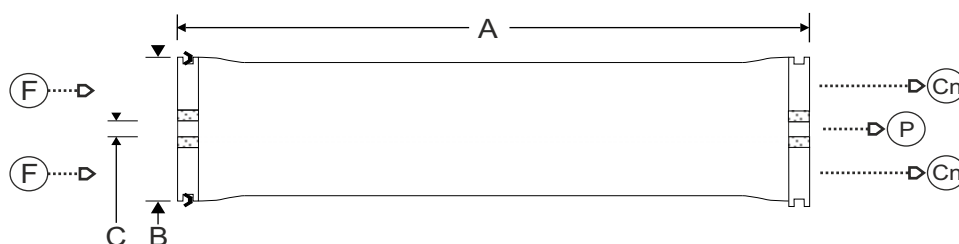
15%

pH
Range:

6,5 ÷ 7,0

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)



(P) Permeate
(F) Feed
(Cn) Concentrate

Maximum Operating Limits

Operating Pressure	Temperature	Pressure Drop	Feed Flow	Chlorine Concentration	Feedwater SDI (15min)	Feedwater Turbidity
600 psi (41,4 bar)	113 °F (45 °C)	10 psi (0,7 bar)	75 gpm (17,0 m ³ /h)	<0,1 ppm	5,0	1,0 NTU

Other Operating Limits

Feedwater
pH

3,0 ÷ 10,0

Minimum ratio of concentrate to
permeate flow for any element

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 and 10% propylene glycol solution. Element is supplied with interconnector.

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 damage is not covered under warranty.
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