

**Type**Configuration:
Spiral WoundMembrane Polymer:
Composite PolyamideBrine Spacer Material:
Polypropylene**Specifications**Permeate
Flow:
500 gpd
(1,89 m³/d)Salt
Rejection:
99,0% nominal
(98,0% minimum)Nominal Membrane
Area:
19ft²
(1,8m²)**Test Conditions**

(After 30 min of operation)

Solution
NaCl
500 ppmApplied
Pressure:
100 psi
(6,9 bar)Operating
Temperature:
77 °F
(25 °C)Permeate
Recovery:
10%pH
Range:
6,5 ÷ 7,0**Dimensions**

A Total Length	B ATD Diameter	C Connection Diameter	D _F Core Tube Feed Side	D _C Core Tube Conc. Side	Weight
14.0 inches (355,6 mm)	3.95 inches (100,3 mm)	0.75 inches (19,1 mm)	1.2 inches (30,5 mm)	1.2 inches (30,5 mm)	3 lbs (1,4 Kg)

**Maximum Operating Limits**

Operating Pressure		Temperature	Pressure Drop	Feed Flow	Chlorine Concentration	Feedwater SDI (15min)	Feedwater Turbidity
Fiberglassed	Tape Wrapped						
600 psi (41,4 bar)	300 psi (20,7 bar)	113 °F (45 °C)	10 psi (0,7 bar)	12 gpm (45,4 lpm)	<0,1 ppm	5,0	1,0 NTU

Other Operating LimitsFeedwater
pH
3,0 ÷ 10,0Minimum 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: Minimum permeate flow for individual elements 20 percent below listed flow. Elements are vacuum sealed in a polyethylene bag containing less than 1.0% sodium meta-bisulfite and 10% propylene glycol solution.

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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