



Type

Configuration:
Spiral Wound

Membrane Polymer:
Composite Polyamide

Brine Spacer Material:
Polypropylene

Specifications

Permeate
Flow:
150 gpd
(568 l / d)

Salt
Rejection:
97,5% nominal
(96,0% minimum)

Test Conditions

(After 30 min of operation)

Solution
NaCl
200 ppm

Applied
Pressure:
50 psi
(3,5 bar)

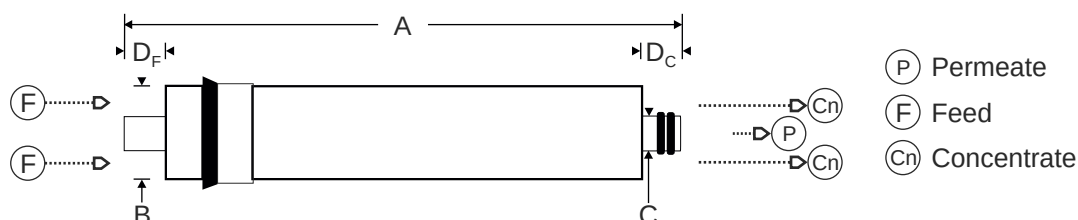
Operating
Temperature:
77 °F
(25 °C)

Permeate
Recovery:
15%

pH
Range:
6,5 ÷ 7,0

Dimensions

A Total Length	B ATD Diameter	C Connection Diameter	D _F Core Tube Extension Feed Side	D _C Core Tube Extension Conc. Side	Weight
11.7 inches (298 mm)	1.9 inches (48,2 mm)	0.67 inches (17,0 mm)	0.83 inches (21,0 mm)	0.83 inches (21,0 mm)	0.5 lbs (0,23 Kg)



Note: Core tube on brine seal side (dimension: "D_F") is plugged. Permeate flow is through o-ring side of tube only.

Maximum Operating Limits

Operating Pressure	Temperature	Pressure Drop	Feed Flow	Chlorine Concentration	Feedwater SDI (15min)	Feedwater Turbidity
125 psi (8,6 bar)	113 °F (45 °C)	10 psi (0,7 bar)	2 gpm (7,5 lpm)	<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: Minimum permeate flow for individual elements 15 percent below listed flow. Elements are dry and vacuum sealed in a polyethylene bag.

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. Oltremare believes the information and data contained herein to be accurate and useful. The information and data are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. Oltremare assumes no liability for results obtained or damages incurred through the application of the presented information and data. It is the user's responsibility to determine the appropriateness of Oltremare's products for the user's specific end uses.

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

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