

# AquaPro® Sea Water RO Membranes



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AquaPro® thin film composite reverse osmosis membranes deliver high salt rejection while maintaining high production rates to obtain the energy efficiency demanded by plant operators.

By selecting the highest grade of materials and thoroughly testing

performance, Racor Village Marine is able to offer the highest quality products.

Aqua Pro® membranes are designed for use in Racor Village Marine pressure vessel housings as well as other brand housings.

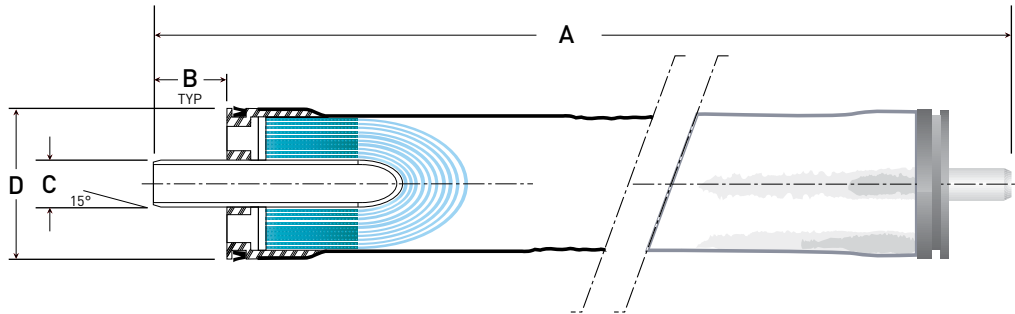


ENGINEERING YOUR SUCCESS.

# AquaPro® Sea Water RO Membranes

## Recommended Operating Limits:

- Maximum Operating Pressure: **1000 psi**
- Maximum Operating Temperature: **113°F (45°C)**
- Maximum Feed Turbidity: **1 NTU**
- Free Chlorine Tolerance: **0 PPM**
- Maximum Feed Silt Density Index: **SDI 5**
- pH Range:  
  - **Continuous Operation: 4-11**
  - **Short-term for Cleaning: (30 minute duration) 2.5-11**



VMT Part No.	Nominal Size	Product Flow GPD m <sup>3</sup> /day	Typical Salt Rejection %	Dimensions inches/cm			
				A*	B	C	D
33-2519	2519	220 - 0.83	99.4	19/48	1.1/2.8	0.75/1.9	2.4/6.1
33-3000 **	2519	150 - 0.57	99.0	19/48	1.1/2.8	0.75/1.9	2.4/6.1
33-3001**	2519	105 - 0.40	99.0	19/48	1.1/2.8	0.75/1.9	2.4/6.1
33-0238	2538	550 - 2.08	99.4	38/96.5	1.1/2.8	0.75/1.9	2.4/6.1
33-3002**	2538	210 - 0.80	99.0	38/96.5	1.1/2.8	0.75/1.9	2.4/6.1
33-0440	4040	1200 - 4.54	99.4	40/101.6	1.0/2.5	0.75/1.9	3.96/10.1
33-0036	6040	2500 - 9.47	99.4	40/101.6	1.27/3.2	1.5/3.8	5.98/15.2
33-0840	8040	7250-27.36	99.4	40/101.6	0	1.125/29	7.9/201

\* All 19" and 38" elements come with a 2" removable extender so that the stocked size also fits 21" and 40" housings

\*\* Elements are specially designed for low feed flow applications. Use only with certain Sea Quencher and Little Wonder watermakers.

## Notes:

- Keep elements moist at all times
- Permeate obtained from first two hours of operation should be discarded
- To prevent biological growth during storage, shipping, or system shutdowns it is recommended that elements be immersed in a protective solution. The standard solution for long or short term storage should contain 1.0 percent (by weight) sodium metabisulfite (available as VMT p/n 85-0103, 85-0038, 85-0044 or 85-0049)
- Standardized test conditions are 32,000 ppm NaCl at 77° F (25° C), with 800 psi feed. Production rates for individual elements may vary +/- 20% and rejection may vary +/- 0.4%

To maintain peak performance always use genuine Parker-Racor/Village Marine Tec. replacement parts. We reserve the right to change our specifications or standards without notice.