

Racor Village Marine Ultra Low Pressure Tap Water Membranes



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Racor Village Marine 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

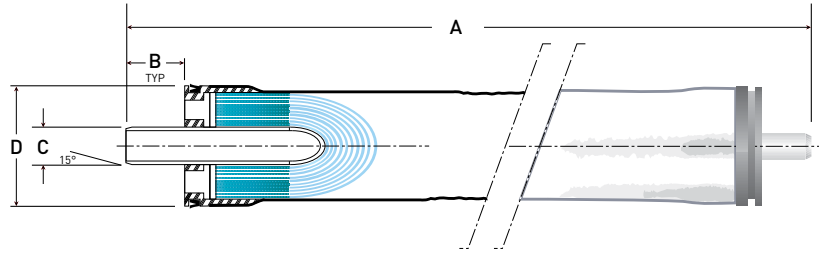
performance, Racor Village Marine is able to offer the highest quality products.

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



ENGINEERING YOUR SUCCESS.

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Recommended Operating Limits

Membrane Type	Polymide Thin Film Composite
Maximum Operating Temperature	113 F (45 C)
Maximum Operating Pressure	300 psi (2,000 Kpa)
Maximum Feed Turbidity	1.0 NTU
Free Chlorine Tolerance	<0.1 PPM
Maximum Feed Silt Density Index	5
pH Range Continuous Operation	4-11
pH Range Short-Term Operation for Cleaning (30 Minutes Duration)	2.5-11

Ultra Low Pressure Tap Water

Part Number	Model	Nominal Size (inch)	Applied Pressure (psi)	Product Flow GPD (m ³ /day)	Typical Salt Rejection %	A (inch)	B (inch)	C (inch)	D (inch)
33-0255	TW-2521-LP	2.5x21	100	365 (1.38)	99.0	21	1.1	0.75	2.4
33-0112	TW-2540-LP	2.5x40	100	850 (3.20)	99.0	40	1.1	0.75	2.4
33-4003	TW-4021-LP	4.0x21	100	1,025 (3.88)	99.0	21	1.0	0.75	3.96
33-0406	TW-4040-LP	4.0x40	100	2,600 (9.80)	99.0	40	1.0	0.75	3.96

Permeate flows and salt rejections are normalized at 77°F and 500 ppm. Standardized test conditions are 500 ppm Tap Water at pressure indicated above. Production rates may vary +/-20% and rejections by +/-0.2%. Keep elements moist at all times. Permeate obtained from the first two hours of operation must 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% by weight sodium metabisulfite available as VMT p/n 85-0103, 85-0038, 85-0044, or 85-0049

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.