

# 8" Sea Water RO Element SW-8040 VMT Racor P/N 33-0840



## Contact Information:

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Aqua Pro® 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 Tec. is able to offer the highest quality products.

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



ENGINEERING YOUR SUCCESS.

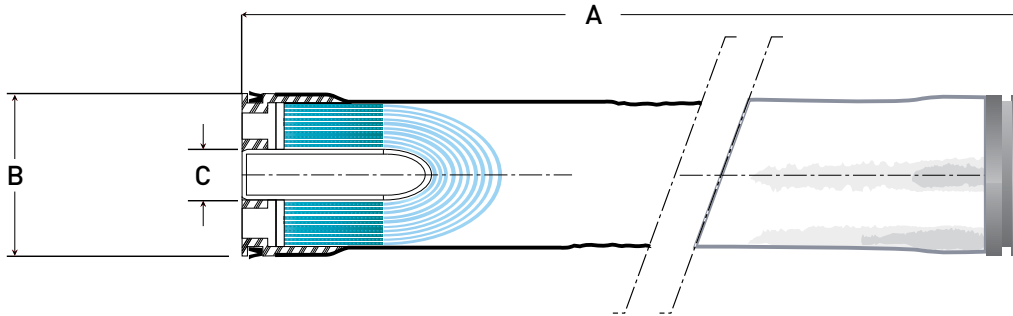
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## Operating Information:

- 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 storage solution for long or short term storage should contain 1.0 percent (by weight) sodium metabisulfite (food grade).

- Flow rates for individual elements may vary +/-20%
- Element to fit industry standard 8.0 inch I.D. pressure vessel



P/N 33-0840	Product Water Flow Rate GPD (M <sup>3</sup> /D)	Minimum Salt Rejection (%)	Typical Salt Rejection (%)	Minimum Recovery (%)	Dimensions inches (cm)		
					A	B	C
8040	6500 (24.6)	99.3	99.5	8	40.0 (101.6)	8.0 (20.3)	1.125 (2.86)

## Operating Limits:

Membrane Type:	Thin-Film Composite
Maximum Operating Pressure:	1000 PSI
Maximum Operating Temperature:	113°F (45°C)
Maximum Feed Turbidity:	1 NTU
Free Chlorine Tolerance:	0 PPM
pH Range	
Continuous Operation:	4-11
Short-term (30 min.), Cleaning	2.5-11
Maximum Feed Flow:	60 GPM
Maximum Feed Silt Density Index:	SDI 5
Membrane Outer Wrap:	Fiberglass
Maximum Pressure Drop Per Element	10 PSI

## Element Test Conditions:

~32,000 PPM NaCl  
800 PSI  
77°F (25°C)

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.