The Challenge
The competitor filter the customer had installed on the Endeavor Catamaran boat was too big and difficult to service. Because of the limited space the customer was looking for a filter that was easy to service and compact in size, while still providing premium filtration.

Why Racor was Chosen as the Solution
The compact size of the Racor unit, its U.L. certification and the option for 12 or 24 volt pump provided the perfect solution. The simplicity of installation and the low amp draw pump motor was also a huge benefit.

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Racor’s Solution
Racor’s solution was the P510MAM Fuel Polisher.
- Bottom loading cartridge design
- Aluminum and stainless steel construction
- Aquabloc media cartridges
- Stainless steel water in fuel sensor
- UL 1105 fire test certified
- 26 PSI MAX pressure output
- Electric pump operates in both 12V and 24V applications
- Electrical wire harness with control switch included

How the Solution Works
The P510MAM is installed in the system pulling fuel off the bottom of the tank and returning it to the top of the tank. This keeps the fuel free of contamination and water, and helps prevent degradation over time.

By setting up a new fuel circuit around the fuel tank contaminates such as water, dirt and rust will be removed from the fuel delivery circuit, resulting in increased filter life, better performance, and less downtime to change filters.
Fuel Polisher Flow

<table>
<thead>
<tr>
<th>Available Part Numbers</th>
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<tbody>
<tr>
<td><strong>P510MAM</strong></td>
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<tr>
<td><strong>R58065-2</strong></td>
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<td><strong>R58065-10</strong></td>
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<td><strong>R58065-30</strong></td>
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<td><strong>RK 20725</strong></td>
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<td><strong>RK 20725-24</strong></td>
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<tr>
<td><strong>RK 12870</strong></td>
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<td><strong>RK 12871</strong></td>
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**Product Specifications**

- **Maximum Flow Rate**: 84 GPH (318 LPH)
- **No. of Ports**: 2
- **Port Size**: M16-1.5 ORB
- **Water Sensor**: Standard
- **Micron Rating Available**: 10
- **Operating Voltage**: 12V and 24V applications

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