

Parker Racor® Turbine Series Fuel Filter/Water Separator



Fuel Filtration by the Leader in Marine Fuel Filters

When using the FPM-050 with a Racor® Marine Turbine Series Filter/Water Separator, you gain the advantage of the proprietary filtration process that has made Parker Racor the leader in marine fuel filtration. Racor's Aquabloc® II filters protect engines from dirt, rust, algae, asphaltines, varnishes, and especially water, which is prevalent in engine fuels.

The Turbine Series filters use a three stage process to initially separate contaminants out of the fuel, then force smaller water droplets to coalesce on the filter element and fall to the bottom of the bowl. Finally, the proprietary Aquabloc® II cartridge filter elements filter out contaminants as small as 2 microns.

The see-through bowl allows the operator view solid and liquid contamination at a glance. The Racor 503MA-10* filter assembly incorporates 3/8 NPT ports which are ideal for installing with the Parker FPM-050 (Fuel Polisher Module) to maximize fuel system performance. A 10 micron element is included with the 503MA-10, though any standard Turbine Series replacement element can be used with the 503MA housing—2 micron and 30 micron elements are also available.

Specification Table

Racor® 503MA-10*	
Maximum Flow Rate	60 GPH
Port Size	3/8" NPT
Available Replacement Elements	2 micron, 10 micron, 30 micron
Max. Dimensions	5.8" W x 11" H x 4.8" D
Weight	4 lbs.
Overhead Space Required	4.0"
Max. Allowable Pressure	15 psi
Operating Temperature Range	-40°F to 250°F

*The Racor 503MA-10 Fuel Filter/Water Separator is available to Parker Energy Systems Fuel Polisher customers under part number C02824-000.

Parker Hannifin Corporation Energy Systems

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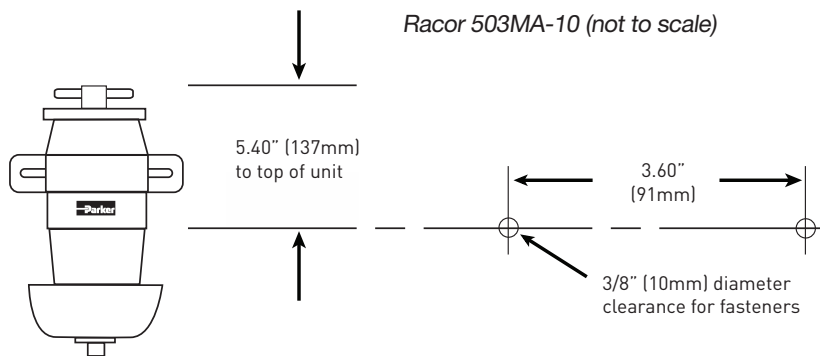
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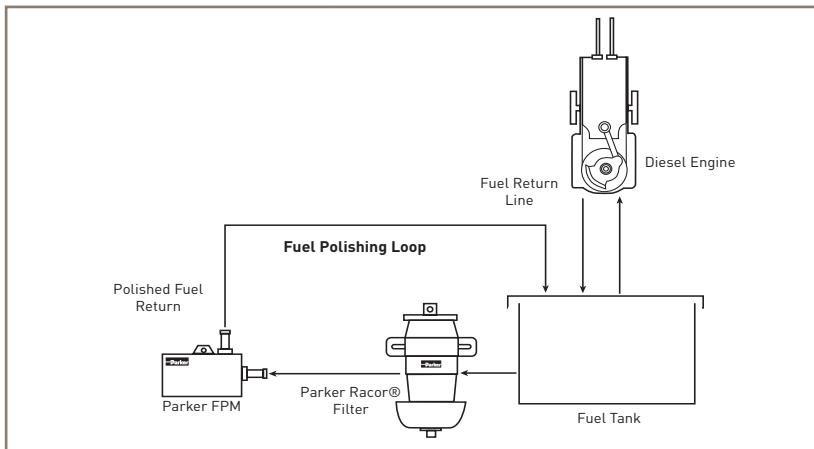


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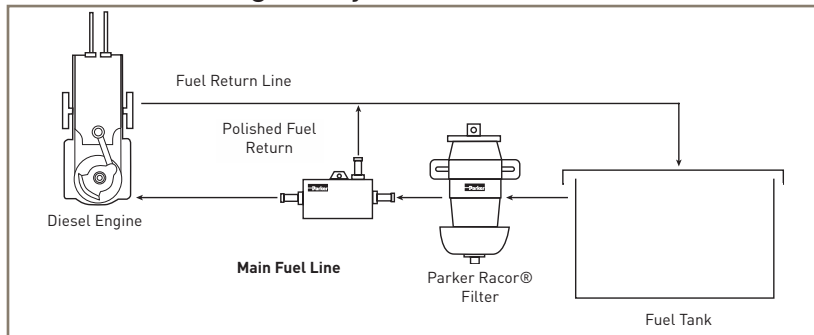
Mounting Diagram



Installation Example: Dedicated fuel polishing loop



Installation Example: Inline with existing fuel system



Ordering Information

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