

# Parker FPM Installation Kits



FPM-052-A shown

## Complete Solution

The daily buildup of condensation in a diesel fuel system can lead to fuel contamination through bacteria growth. Parker's new FPM Installation Kits combat the daily accumulation of water in these fuel systems, preventing corrosion and other problems. Regular use of the FPM-050 maximizes the effectiveness of diesel fuel filters while keeping power consumption to a minimum.

Both the basic FPM-051 kit and the complete FPM-052-A kit include everything you'll need to install a dedicated fuel polishing loop into your fuel system, including the FPM-050 Fuel Polishing Module, a Parker Racor 500 Series Turbine Filter, a fuel hose, and fittings. The FPM-052-A kit also includes a stylish black anodized FPM timer (p/n FPM-PTC-12-A) that enables you to program the new fuel polishing system to run while unattended.

## Features

- Combines the low power fuel maintenance of the FPM-050 with the renowned performance of Parker's Racor fuel filters
- Racor 503MA-10 filter features NPT style fittings for ease of installation
- Included Parker Wavemaster fuel line is Coast Guard approved and meets SAE J1527 Type A1

## Low Power Onboard Maintenance

The FPM-050's solid state pump consumes only 150 mA at 12 VDC, less than 2 W of power. The FPM-050 can even be powered by a small, optional solar panel, leaving no net drain on your batteries. By installing the optional programmable controller, you can schedule preventative fuel maintenance. Simply program the FPM-050 to perform regular maintenance while you are away to keep fuel dry and to prevent contaminants from accumulating in the fuel system. Then, you can arrive confidently at the marina after weeks away and know that your fuel is freshly filtered and your boat is ready to get underway.

## 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.

## Parker Hannifin Corporation Energy Systems

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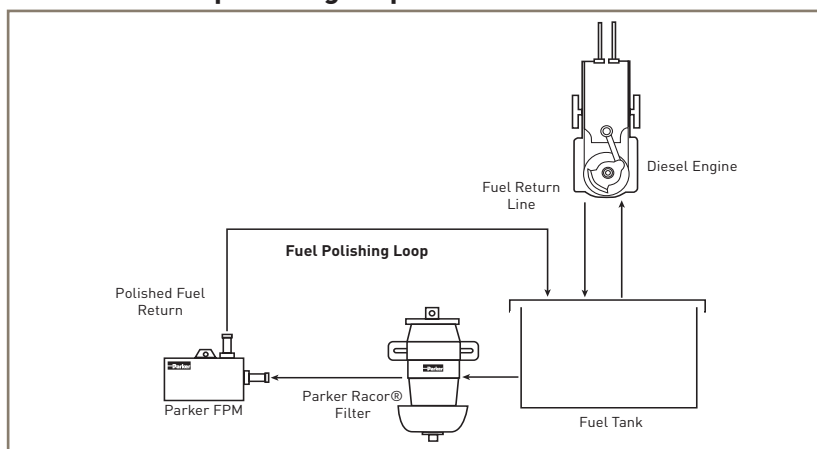


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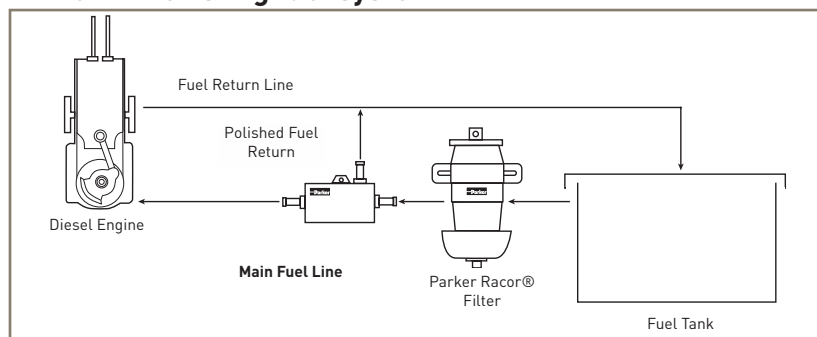
## Kit Contents

FPM-051	FPM-052-A
FPM-050, 50 gallon per day fuel polisher, 12 VDC	FPM-050, 50 gallon per day fuel polisher, 12 VDC
Racor 503MA-10, Turbine Series Marine Fuel Filter, 10 micron element, 3/8" NPTF ports	FPM-PTC-12-A, black anodized timer, 12 VDC
Parker Wavemaster Marine Fuel Hose, Type A-1, 3/8" ID (4 ft.)	Racor 503MA-10, Turbine Series Marine Fuel Filter, 10 micron element, 3/8" NPTF ports
Brass Hose Barbs, 3/8" ID hose x 3/8" NPTF (2 ea.)	Parker Wavemaster Marine Fuel Hose, Type A-1, 3/8" ID (4 ft.)
Brass Hose Barb, 3/8" ID hose x 1/4" NPTF (1 ea.)	Brass Hose Barbs, 3/8" ID hose x 3/8" NPTF (2 ea.)
Brass Hex Head Plug, 3/8" NPTF (1 ea.)	Brass Hose Barb, 3/8" ID hose x 1/4" NPTF (1 ea.)
Stainless Steel Hose Clamp, 3/8" Hose (4 ea.)	Brass Hex Head Plug, 3/8" NPTF (1 ea.)
	Stainless Steel Hose Clamp, 3/8" Hose (4 ea.)

### Installation Example: Dedicated fuel polishing loop



### Installation Example: Inline with existing fuel system



## Ordering Information

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