

Fuel Polishing

The Need for Fuel Polishing

The most common reason for marine diesel engines in general, and recreational vessel diesel engines in particular, to fail to run is associated with "bad diesel fuel." The things that make the diesel fuel bad generally have nothing to do with the original quality of the fuel. The problems come about because of the condition of the fuel we buy and what happens to the fuel when it gets stored, sometimes at the suppliers' facilities, but most often in our own vessels. Pleasure boats sit idle for long periods of time allowing algae time to grow in the tank. Most of this contamination adheres to the wall of the tanks and you might not notice a problem while running the engines at the dock. Once the boat is underway and the fuel begins moving around the contamination tends to start breaking away from the wall of the tank and entering the fuel. This contamination can clog your filters and shut down your engines. Having your engines shut down from clogged fuel filters can really ruin an otherwise enjoyable outing, but it could really get bad if you have them shut down while trying to navigate in high seas or critical situations.

Fuel Polishing can help eliminate your Fuel Problems

Gulf Coast Filters offer a Fuel Polishing Kit that once installed will be able to polish your fuel while the boat is not in use. You can also hook this system up to polish the fuel while the engine is running. This system uses its own independent fuel pump and continuously pulls fuel from the tank, through the filter, and back to the tank. The GCF Fuel Filter will remove particles below 1 micron and by using this system for hours at a time can polish your fuel to a much cleaner level than standard factory filtration. The GCF Fuel Filter has one of the largest water traps on the market at 64 oz.

Components

We offer Fuel Polishing Kits to fit your needs depending on your application. Our most popular kits are the **GCF-FPS-DELUXE-MAGNUM – RATED AT 450 LPH** (Recommended for vessels with over 2000 Litre Capacity) and the **GCF-FPS-DELUXE-MAGNUM-2XF-1M – RATED AT 9000 LPH** (Recommended for vessels with over 3800 Litre Capacity)

The GCF MODEL FPS 040B Includes:



GCF Model F-1JR Fuel Filter/Water Separator
Below 1 Micron Filtration
Replacement Filters hold up to 0.5kg of contamination each.
Walbro 12 Volt DC Fuel Pump rated at 150 LPH
12 Hour Timer with Marine Electrical Box
Stainless Steel Liquid Filled Vacuum Gauge
All Brass Fittings & Bronze Milwaukee Brand Ball Valves
System mounted on Heavy Duty 3/4" Acrylic White Board
System rated at 150 LPH.
Recommended for Vessels with under 1100 Liters (Diesel Fuel)
Made and assembled with pride in the U.S.A.
Dimensions: W: 450mm H: 450mm Depth: 230mm Weight 18 kgs

THE GCF MODEL FPS 120B includes:



1 GCF Model F-1 Fuel Filter/Water Separator
Below 1 Micron Filtration
Massive Replacement Element holds up to 0.5kg of contamination.
Oberdorfer Bronze Gear Pump with Custom White Finish 110 VAC
Water Detection Alarm with Marine Electrical Box
12 Hour Timer with Stainless Steel Marine Electrical Box
Stainless Steel Liquid Filled Vacuum Gauge
All Brass Fittings and Bronze Milwaukee Brand Ball Valves
System rated at 450 LPH.
Recommended for Vessels with over 1800 Litres (Diesel Only)
System mounted on Heavy Duty 3/4" Acrylic White Board
Dimensions: Width: 685mm Height: 660mm Depth: 255mm
Flag is optional (add \$75.00)

The GCF MODEL FPS-240BCR (CHROME) includes:



2 GCF Model F-1 Fuel Filter/Water Separators Chrome
Below 1 Micron Filtration
Massive Replacement Elements hold upto 0.5kg of contamination each.
Oberdorfer Bronze Gear Pump with Custom White Finish
Water Detection Alarm with Marine Electrical Box
12 Hour Timer with Stainless Steel Marine Electrical Box
Stainless Steel Liquid Filled Vacuum Gauge
All Brass Fittings and Bronze Milwaukee Brand Ball Valves
System rated at 900 LPH.
For Vessels with over 3800 Litres (Diesel Only)
System mounted on Heavy Duty 3/4" Acrylic White Board
Dimensions: Width: 1016mm Height: 762mm Depth: 255mm