

# Marine Diesel Fuel Polishing Systems

- ▶ **Improves diesel engine reliability**  
*99.9% water separation (certified TUV report using SAE J1839) and removal of sludge build-up in the tank*
- ▶ **Less element replacements**  
*User can backflush filter up to 5 times before replacing the element*
- ▶ **Versions for any application**  
*Available in wall mount systems and portable cart to fit your diesel tank size*

## Patented Separ Filter Process



By cleaning and optimizing the diesel fuel, Separ Filter brand of fuel water separators ensure stored diesel is kept ready to use and safe for the engine. The Fuel Polishing System (FPS) removes water, bacterial growth, and other particulate from diesel that are detrimental to fuel systems and thereby resolving many engine failures related to degraded fuel.

Unlike other competitors, Separ Filter fuel water separators catch debris and large particles before reaching the filter element thus reducing clogging and prolonging element life.

A Fuel Polishing System is designed to be mounted on, or next to, the fuel tank as a totally independent solution. Ideally, it should be plumbed to pull fuel from the bottom of the storage tank, process it, and then return it to the top, opposite end of the same tank.

## Applications

- Pleasure boats
- Workboats
- Passenger-carrying vessels
- Marina fuel storage



80 GPH



150 GPH



210 GPH

## Technology and Operation

The Fuel Polishing System is simple to install and operate. The digital timer provides the ability to schedule a weekly program, or set the number of hours to run once. Shutdown, audio/visual alarm will alert the operator of high vacuum and indicates the need to backflush the filter or replace the element.

## Basic Features

- Separ Filter fuel water separator
- Digital timer
- AC and DC voltage available
- Wall mount or portable system
- Shutdown, audio/visual alarm for high vacuum

## Optional Features

- Magnetic fuel conditioner

## Wall Mount Versions

Model	FPS-80	FPS-150	FPS-210
Flow Rate	80 GPH (303 LPH)	150 GPH (568 LPH)	210 GPH (795 LPH)
Voltage	12V or 24V DC	12V or 24V DC	110V or 220V AC
Timer	Digital	Digital	Digital
Filtration	30 micron	30 micron	30 micron
Magnetic Fuel Conditioner	Optional	Optional	Optional
Recommended Tank Sizes (varies depending on piping installation to tank)	Up to 400 gallons	400-1,000 gallons	1,000-5,000 gallons

## Portable Fuel Polishing

The **Diesel Fuel Service Cart** maneuvers easily between service areas.

600 GPH (2271 LPH)  
Available in 110V



## Build Your Own

The only true **Fuel Polishing Module** available. Just add the filter of your choice.

150 GPH (568 LPH)  
Available in 12V and 24V



## Typical Installation

It is recommended the Fuel Polishing System be installed close to the fuel tank with pick-up tube at the lowest point possible in the tank, and the return in the middle at the opposite end of the tank.

