

Commercial Automatic Fuel Polishing

- ▶ **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 backlush filter up to 5 times before replacing the element
- ▶ **Versions for any application**
*Available in mountable systems, portable carts, and enclosures with flow rates of 80 GPH - 2,000 GPH
Custom systems are also available*



Wall Mount

Patented Separ Filter Filtration

The Automatic Fuel Polisher (AFP) features Separ Filter filtration to get rid of water, bacterial growth, and other particulate from diesel that is detrimental to fuel systems. Five stages of filtration by the Separ Filter ensures stored diesel is kept ready to be used in emergency situations or for daily operations. 99.9% of particulate and water can be removed by this component alone, which combats against many engine/generator issues related to bad 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.

Technology and Operation

The AFP is simple to install and operate. The user can manually set a specific run time (e.g. 4 hours) or program future run times on a schedule to. Shutdown alarms will alert operator for high vacuum, high pressure, water level in primary filter and spill. Advanced touchscreen control is available that is fully programmable and can integrate with Building Management Systems to clean multiple storage tanks.

Applications

- Emergency, standby generators or prime power
- Bulk fuel storage on farms and industrial plants
- Reserve storage for vehicle fleets
- Data centers
- Fuel maintenance at mining sites
- Day tanks



Enclosure Option



Enclosure with Stand Option

Basic Features

- Primary Filtration - Separ Filter 5-stage filtration
- Secondary Filtration - 2 micron
- Digital timer
- AC and DC systems
- Anodized aluminum base with spill containment
- Mountable base
- Shutdown and alarm for water level, high vacuum, high pressure, and spill

Optional Features

- Enclosure
- Enclosure with stand
- Magnetic fuel conditioner
- Advanced touchscreen control

Versions

Model	AFP-80	AFP-150	AFP-210	AFP-600	AFP-2000
Flow Rate	80 GPH (303 LPH)	150 GPH (568 LPH)	210 GPH (795 LPH)	600 GPH (2,271 LPH)	2,000 GPH (7,571 LPH)
Voltage	12V or 24V DC	12V or 24V DC 110V AC	120V or 220V AC	120V or 220V AC	120V or 220V AC
Timer	Digital	Digital	Digital	Digital	Digital
Wall Mount	Available	Available	Available	Available	Available
Enclosure Option	Available	Available	Available	Available	Available
Enclosure w/ Stand Option	Available	Available	Available	Available	Not Available
Primary Filtration	30 micron (10 micron available)	30 micron (10 micron available)	30 micron (10 micron available)	30 micron (10 micron available)	30 micron (10 micron available)
Secondary Filtration	2 micron	2 micron	2 micron	2 micron	Available
Additional Features	• Drip Pan	• Drip Pan	• Drip Pan	• Drip Pan	• Automatic filter drain • Flow meter • Variable speed control
Recommended Tank Sizes (Gallons)	0 - 400	300 - 1,000	1,000 - 5,000	5,000 - 10,000	10,000 +

Typical Installation

It is recommended the AFP be installed reasonably close to the fuel tank with the pick-up tube at lowest point possible in the tank, and the return in the middle.

An Automatic Fuel Polisher is designed to be mounted on or next to the fuel tank to be used 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.

Portable Fuel Polishing

Diesel Fuel Service Cart maneuvers easily between service areas.

600 GPH (2,271 LPH)
Available in 120V and 220V
Recommended for tanks up to 10,000 gallons



Build Your Own

Fuel Polishing Module allows you to add the filter of your choice.

150 GPH (568 LPH)
Available in 12V and 24V
Recommended for tanks up to 500 gallons



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