



ALGAE-X[®] Fuel Polishing Systems keep diesel fuels in “pristine condition” while removing sludge and water from tanks.

The **FPS** is a **Three Stage Fuel Polishing System**:

- Stage 1:** The ALGAE-X[®] Fuel Conditioner reverses the process of fuel deterioration, buildup of tank sludge and stabilizes the fuel.
- Stage 2:** The centrifugal water separation system removes water.
- Stage 3:** The fine filter removes solid contaminants.

Ideal for use in: Tanks of vessels, vehicles, generators and heavy equipment.

	FPS-500	FPS-750
Flow rate	150 gph	210 gph
Tanks	< 1000 gal	< 1300 gal
Dimensions	17.25" H	20.0" H
	15.0" W	22.5" W
	5.25" D	8.0" D
Weight	23 lbs	45 lbs
Power	12V DC	110V/60Hz
	or 24V DC	or 230V/50Hz
Port Size	1/2" SAE	1/2" SAE
LG-X Model	500	1500

The **FPS-500 / FPS-750** is a wall mounted, fuel-polishing system providing **Optimal Fuel Quality for Peak Engine Performance**. Since fuel is inherently unstable, solids begin to form and the accumulating tank sludge will eventually clog your filters and damage your injectors. It will cause engines to smoke, lose power and ultimately break down.

The **FPS-500 / FPS-750** conditions and stabilizes the fuel, eliminates microbial contamination, removes water, tank sludge and contaminants from the tanks. The principal components of the system are an LG-X 500 (FPS-500) or LG-X 1500 (FPS-750) Fuel Conditioner, a continuous duty gear pump, a timer and a fuel filter water separator/coalescer with a vacuum gauge. The **LG-X Fuel Conditioner** decreases the size and mass of fuel droplets providing better filtration and water separation, clear and bright fuel, optimal combustion and clean tanks.

The system is compact, easy to install, operate and maintain. The **ALGAE-X[®] Fuel Conditioner** is self-cleaning, has no moving parts, no electrical hookup, and requires zero maintenance. The filter/water separator unit removes water and particulate from the fuel. It can be easily drained, by opening the valve on the bottom. The filter element can be back-flushed several times before replacing.

ALGAE-X[®] Total Fuel Management Systems