

Smart FPS Fuel Polishing and Transfer Systems keep your diesel fuel in “pristine condition”. They remove sludge and water from your tanks, dry the fuel and eliminate microbial contamination. Fully automated programming simplifies fuel optimization and maintenance of diesel and bio-fuels. SMART FPS Systems ensure **Optimal Fuel Quality for Peak Engine Performance and Reliable Emergency Power.**



SMART FPS-FX

FPS-FX systems installed on one or multiple tanks keep the tanks clean and optimize the fuel before transferring it to your day-tank. SMART FPS systems are very cost effective, have a small footprint and are easy to install, operate and maintain.

Opening the valve on the bottom of the separator flushes back the filter and easily drains water and sediment. The ALGAE-X® Fuel Conditioner stabilizes your fuel and prevents the buildup of tank sludge.

- Programmable Controller with Unique Safety & Alarm Features
- Fully Automated
- Safe & Quiet Operation
- Compact Design
- HD Gear Pump
- Powder-Coated Spill Tray

Alarm functions and pump shut down are triggered when filter elements require service, a leak is detected, high pump vacuum or pressure occurs or when there is water in the separator bowl.

SMART FPS systems are ideal for installation on commercial and recreational vessels and inside Emergency Generators enclosures.

SYSTEM	FPS FX	FPS FX-R
Dimensions (H x W x D)	17" x 20" x 7.5" (43x 51 x 19cm)	17" x 29" x 7.5" (43x 74x 19cm)
Weight (Approx.)	30 lbs / 14 kg	32 lbs / 15 kg
Power Requirements	12V DC / 24V DC 10 Amp / 5 Amp 9 / 4 FLA	12V DC / 24V DC 10 Amp / 5 Amp 9 / 4 FLA
Flow Rate	150 GPH (568 l/h)	150 GPH (568 l/h)
Fuel Conditioner	LG-X 500	LG-X 500
Primary Filter/Separator	Separ 2000/10 (10/30 Micron)	Racor 1000 MA (10/30 Micron)
Controller	SMART FX Integrated Controller	SMART FX Integrated Controller
Connectors	1/2" 37 Degree Flare Male Connections	1/2" 37 Degree Flare Male Connections

ALGAE-X® Total Fuel Management Systems