

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-LX-F
With SFC-55 Controller

NEMA rated 4X,12

- Fully Automated & Programmable
- Modular “Plug & Play” System
- Four Unique Safety & Alarm Features
- Remote Monitoring Ready
- Powder-Coated, Corrosion-Resistant, Aluminum Back Plate & Spill Tray
- Stainless Steel Plumbing
- Continuous Duty Pump with Viton Seals

The Smart FPS LX-F is a fuel dialysis and transfer system with four-stage fuel conditioning, water removal, and filtration. Algae-X’s patented Fuel Conditioner reverses fuel deterioration and eliminates microbial contamination. Its secondary water block filter removes emulsified water and very fine solids down to 3 microns.

The SFC55 programmable Smart Filtration Controller with text read-out can be easily connected to a vessel or building monitoring system. 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.

SMART FPS systems are ideal for: commercial and recreational vessels and inside **Emergency Generators enclosures**.

SYSTEM	FPS LX-F
Dimensions (H x W x D)	26" x 34" x 12" (66 x 86 x 30cm) System 13.4" x 16" x 7.4" (33 x 41 x 19cm) System
Weight (Approx.)	200 lbs (91 kg) System 15 lbs (6.8 kg) Controller
Power Requirements	110/60 Hz or 230V /50 Hz 20 A Service Required
Motor Power	1 hp / 0.75 Kw
Flow Rate	600 GPH (2,000 l/h)
Fuel Conditioner	LG-X 3000
Primary Filter/Separator	Separ 2000/40 (10/30 Micron)
Controller	SMART SFC-55
Port Size	1" 37 Degree Male Flare Connections

ALGAE-X® Total Fuel Management Systems