SMART FPS LX-F

Compact Fuel Polishing Systems

The SMART FPS LX-F system is a programmable, fully automated, fuel maintenance system that removes water, sludge, and contaminants wherever fuel is stored or used. Adding a SMART FPS LX-F system will remove particulate, separate water, and condition fuel. This fuel polishing process stabilizes diesel and bio-fuels, eliminates microbial contamination, and ensures fuel remains clean and dry. These compact fuel maintenance systems are specifically designed for permanent installations indoors, as well as confined spaces, such as inside gen-set enclosures or engine rooms.

SMART FPS LX-F SPECIFICATIONS

Flow Rate	10 GPM/600 GPH (38 LPM/2271.3 LPH)
Primary Filter	10 or 30µ Particulate or 60µ Stainless Steel Screen with Centrifugal Water Separator
Secondary Filter	1, 3, 10 or 25µ Fine Filter or 3, 10µ Water Block
Fuel Conditioner	LG-X 3000 Inline Conditioner
Pump	1HP Spur Gear Pump
System Controller	TSC-7000 with Safety and Alarm Features
Power	110V 60Hz 15A or 230V 50Hz 15A
Plumbing	Stainless Steel
Ports	1" 37° Flare In 1" 37° Flare Out
Construction	Powder Coated Aluminum Back Plate
Dimensions	26" x 34" x 12" (H x W x D) (66 x 86 x 31 cm)
Weight	≈ 125 lbs (57 kg)

Not for use with fluids that have a flash point below 100°F (37.8°C).

Fuel has a limited shelf-life and even "fresh fuel" could contain water, sediment and microbes upon delivery. Fuel filters should last thousands of hours. However, frequent filter changes, tank cleaning and replacing fuel have become common maintenance practices that address the symptoms of poor fuel quality, not the problem itself.

SMART FPS Systems reverse fuel deterioration while decontaminating, cleaning and optimizing the fuel for reliable, continuous, uninterrupted service.

SMART FPS LX-F SERIES FEATURE:

- Touchscreen Controller
- Modbus, TCP / IP, LAN and Internet Connectivity
- E-mail & SMS Maintenance Alerts
- Maintenance Alert Log File
- Runtime Totalizer
- Continuous-Duty Pumps, Viton Seals

For safe operation, the SMART FPS-LX-F is equipped with an automatic pump shut-down and indicators when filter elements require service. Also included are indicators for high pump vacuum, pressure exits, and leaks.

1.239.690.9589
1.877.425.4239 Toll Free
www.AXI-International.com

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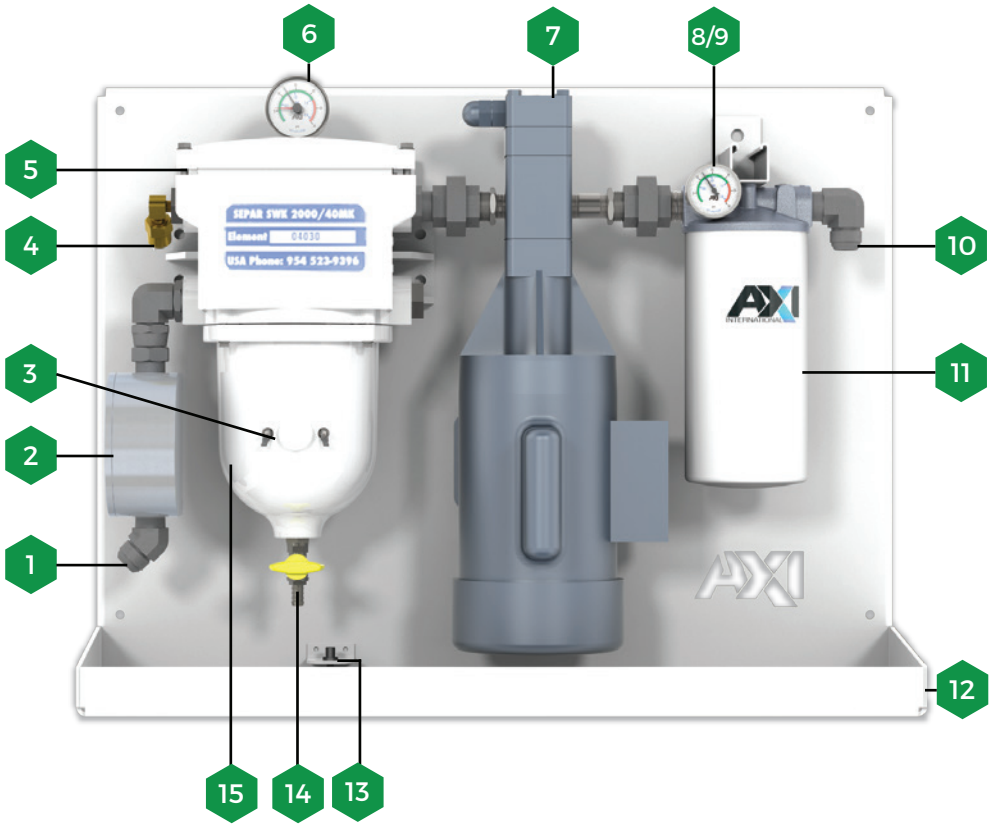


1. Fuel Inlet (From Tank)
2. LG-X Inline Fuel Conditioner
3. Water Level Sensors
4. Vacuum Switch
5. Pre Filter / Water Separator
6. Vacuum Gauge
7. Motor with Coupled Gear Pump
8. Pressure Switch (Rear Port)
9. Pressure Gauge
10. Fuel Outlet (To Tank)
11. Fine Filter
12. Drip Tray
13. Leak Detector
14. Drain Valve
15. Water Collection Sump

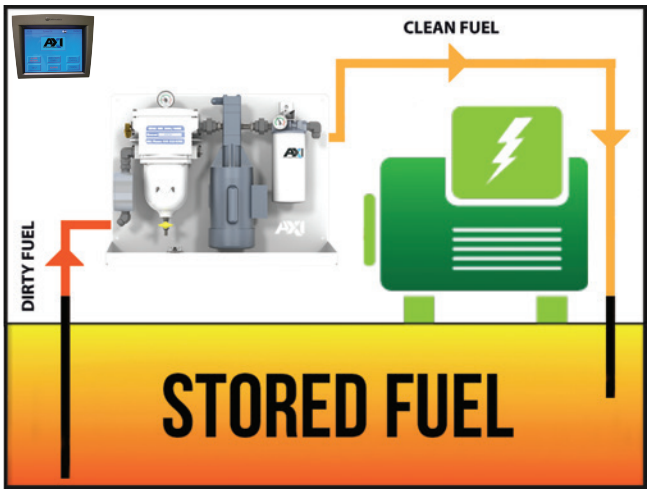
SMART FPS LX-F OPTIONS

- Fuel Contamination Test Kit
- Fuel Sampling Kit
- AFC 705/710 Fuel Catalyst

REPLACEMENT FILTER OPTIONS

Pre Filter	Part No.	Fine Filter	Part No.
10μ Filter Element	04010	3μ Water Block Filter	WB-3
30μ Filter Element	04030	10μ Water Block Filter	WB-10
60μ Filter Element	04060	1μ Fine Filter	FF-1
		3μ Fine Filter	FFZ-3
		10μ Fine Filter	FF-10

FPS SYSTEM INTEGRATION



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