



SMART FPS CX-F

Compact Fuel Polishing Systems

The SMART FPS CX-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 CX-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 CX-F SPECIFICATIONS:

Flow Rate	15 GPM/900 GPH (58 LPM/3407 LPH)
Primary Filter	15μ Water Block
Secondary Filter	1, 3, 10 or 25μ Fine Filter or 3, 10μ Water Block
Fuel Conditioner	LG-X 1500 Inline Conditioner
Pump	3/4HP Vane Pump
System Controller	SMART FPS System Monitor with Safety and Alarm Features
Power	230V/50Hz/15A
Plumbing	Stainless Steel
Ports	1" Hose Barb 1" Hose Barb
Construction	Powder Coated Aluminum Back Plate
Dimensions	23" x 26" x 9" (H x W x D) (58 x 66 x 23 cm)
Weight	≈ 60 lbs (27.2 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 CX-F SERIES FEATURE:

- SMART Filtration Controllers
- Fully Automated and Programmable Operation
- Integration with VMS/BMS
- Unique Safety & Alarm Features
- Continuous-Duty Pump

For safe operation, the SMART FPS CX-F is equipped with an automatic pump shut-down and indicators when filter elements require service.



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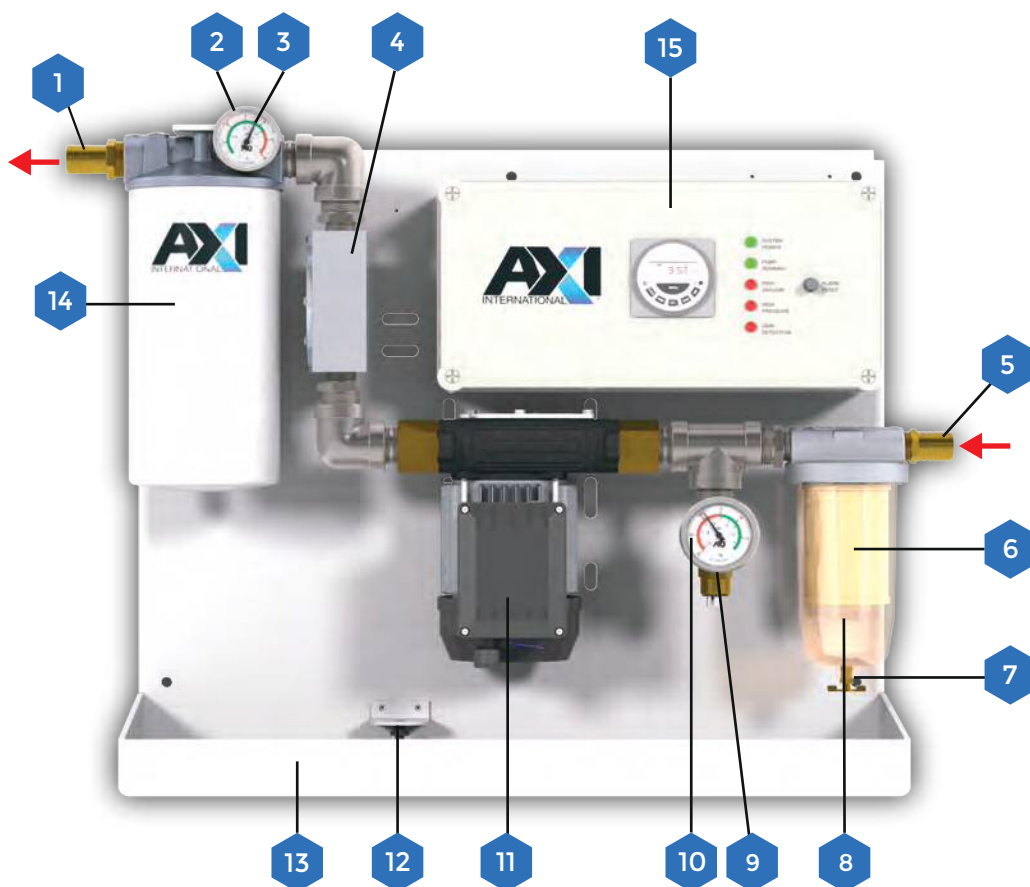
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SMART FPS CX-F

Compact Fuel Polishing Systems



1. Fuel Outlet (To Tank)
2. Pressure Switch (Not Visible)
3. Pressure Gauge
4. LG-X Inline Fuel Conditioner
5. Fuel Inlet (From Tank)
6. Pre-Filter
7. Drain Valve
8. Water Collection Sump
9. Vacuum Switch
10. Vacuum Gauge
11. Motor with Coupled Vane Pump
12. Leak Detector
13. Drip Tray
14. Fine Filter
15. Controller

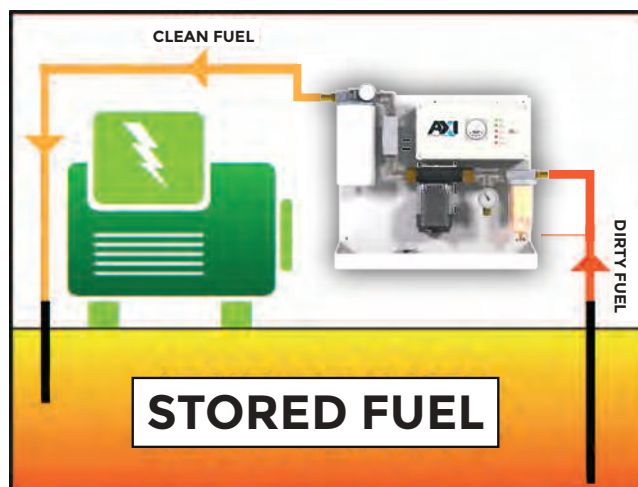
SMART FPS CX-F OPTIONS:

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

REPLACEMENT FILTER OPTIONS:

Pre Filter	Part No.	Fine Filter	Part No.
15 μ Water Block	AA-0957	3 μ Water Block Filter	WB-3
10 μ Particulate Filter	AA-0956	10 μ Water Block Filter	WB-10
40 μ Mesh Screen	AA-0958	1 μ Fine Filter	FF-1
		3 μ Fine Filter	FFZ-3
		10 μ Fine Filter	FF-10

FPS SYSTEM INTEGRATION:



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