

AXI FPS FX

INTERNATIONAL Compact Fuel Polishing Systems

AXI International's FPS FX system is a programmable, fully automated, fuel maintenance system designed to routinely filter water, sludge, and other contaminants from diesel and bio-fuels. The FPS FX system features a LG-X inline magnetic fuel conditioner for the collection of ferrous metals and a primary filter with mechanical water separation for the removal of sludge, particulates, and water. This fuel maintenance system's compact design is intended for permanent installations indoors, as well as confined spaces, such as inside gen-set enclosures or engine rooms.



Over time, stored fuel can begin to degrade and even harbor contaminants such as water, sediment, and microbes upon delivery. On-board fuel filters should last thousands of hours. However, frequent filter changes, tank cleaning, and fuel replacement have become common maintenance practices that only address the symptoms of poor fuel quality.

AXI International's FPS Systems serve to reverse and continually prevent fuel contamination to ensure reliable and uninterrupted engine performance.

SMART FPS FX SPECIFICATIONS

Nominal Flow Rate	2.5 GPM/150 GPH (9.5 LPM/567.8 LPH)
Primary Filter / Water Separator	10 or 30µ Particulate or 60µ Stainless Steel Screen with Centrifugal Water Separator
Fuel Conditioner	LG-X 500 Inline Magnetic Conditioner
Pump	1/3 HP Gear Pump
System Controller	Smart Filtration Controller with Safety & Alarm Features
Power	12V/DC/10A or 24V/DC /5A
Plumbing	Stainless Steel
Ports	1/2" Equivalent JIC 37° Flare In 1/2" Equivalent JIC 37° Flare Out
Construction	Powder Coated Aluminum Back Plate
Dimensions	≈ 20" x 17" x 7" (H x W x D) (51 x 43 x 18 cm)
Weight	≈ 32 lbs (14.5 kg)
Not for use with fluids that have a flash point below 100°F (37.8°C).	

SMART FPS FX SERIES FEATURE:

- Smart Filtration Controllers
- Fully Automated and Programmable Operation
- Integration with Vessel Monitoring Systems
- Modular "Plug & Play" Flexibility
- Unique Safety & Alarm Features
- Continuous-Duty Pumps, Viton Seals

For safe operation, the FPS FX is equipped with an automatic pump shut-down and indicators when filter elements require service. Also included are indicators for high pump vacuum, high water in bowl, and leak detection.



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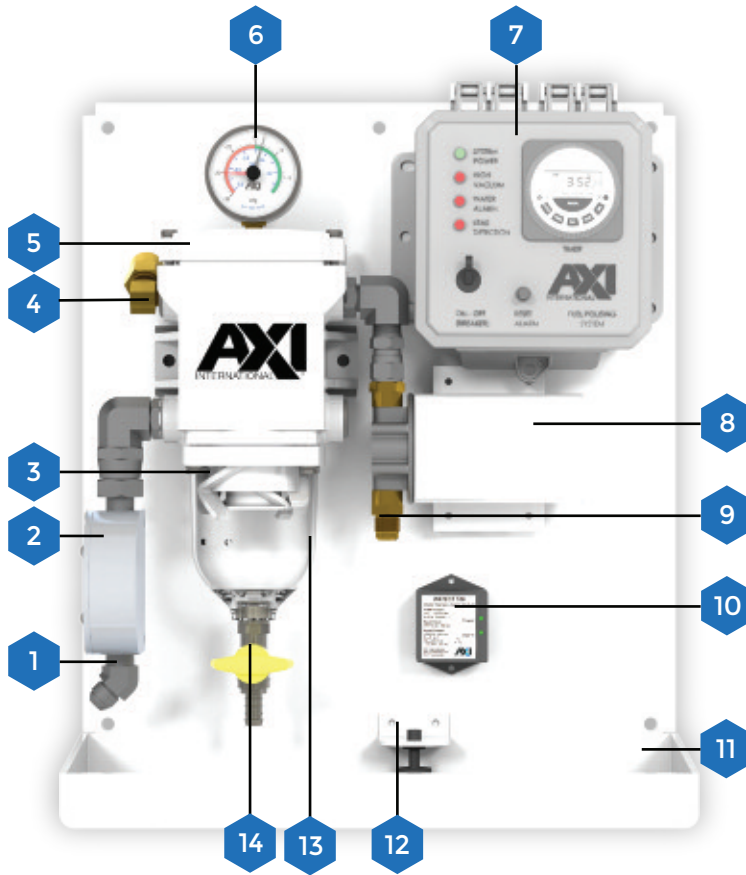
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1. Fuel Inlet (From Tank)
2. LG-X Inline Fuel Conditioner
3. Water Level Sensors
4. Vacuum Switch
5. Water Separator
6. Vacuum Gauge
7. Digital Controller
8. Motor
9. Fuel Outlet (To Tank)
10. Water Detection Alarm Module
11. Drip Tray
12. Leak Detector
13. Water Collection Sump
14. Drain Valve

REPLACEMENT FILTER OPTIONS:

Cartridge Filter	Part No.
10 μ Filter Element	00510
30 μ Filter Element	00530
60 μ Stainless Steel Filter Element	00560

FPS SYSTEM INTEGRATION:

