

# AXI FPS COMPACT

Compact Fuel Maintenance Systems

AXI International's FPS Compact 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 Compact 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.



## ◆ FPS COMPACT SPECIFICATIONS:

Nominal Flow Rate	1.3 GPM/80 GPH (5 LPM/302.8 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	Gear Pump
Smart Filtration Controller	Smart Filtration Controller with Safety & Alarm Features
Power	12VDC/10A or 24VDC/5A
Plumbing	Black Iron
Ports	1/2" Hose Barb In 1/2" Hose Barb Out
Construction	Powder Coated Aluminum Back Plate
Dimensions	≈ 14" x 10" x 8" (H x W x D) (36 x 25 x 20 cm)
Weight	≈ 20 lbs (9.7 kg)
<b>Not for use with fluids that have a flash point below 100°F (37.8°C).</b>	

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.

## ◆ FPS COMPACT FEATURES:

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

For safe operation, the FPS Compact 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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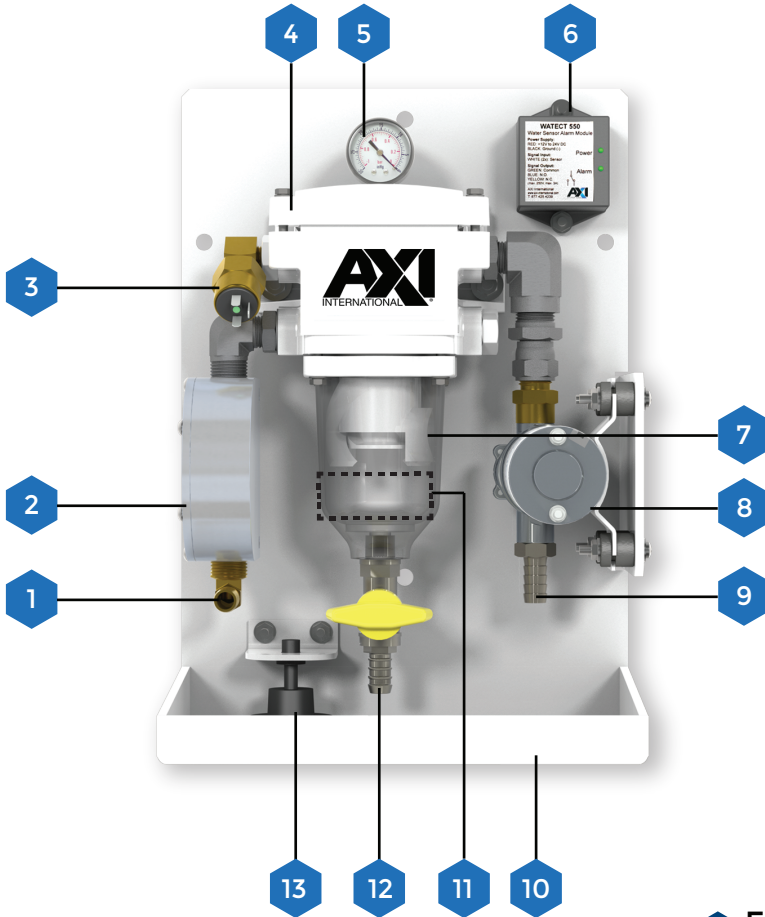
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# AXI FPS COMPACT

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1. Fuel Inlet (From Tank)
2. LG-X Inline Fuel Conditioner
3. Vacuum Switch
4. Primary Filter/Water Separator
5. Vacuum Gauge
6. Water Detection Alarm Module
7. Water Collection Bowl
8. Motor with Coupled Gear Pump
9. Fuel Outlet (To Tank)
10. Drip Tray
11. Water Level Sensor
12. Water Drain
13. Leak Detector

## REPLACEMENT FILTER OPTIONS:

Cartridge Filter	Part No.
10 $\mu$ Filter Element	01010
30 $\mu$ Filter Element	01030
60 $\mu$ Stainless Steel Filter Element	01060S

## FPS SYSTEM INTEGRATION:

