



# SMART FPS COMPACT

Compact Fuel Polishing Systems

The SMART FPS Compact 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 Compact 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 COMPACT SPECIFICATIONS

Flow Rate	1.3 GPM/80 GPH (4.9 LPM/302.8 LPH)
Primary Filter / Water Separator	10 and 30µ Particulate & Water Block & Centrifugal Water Separator
Fuel Conditioner	LG-X 500 Inline Conditioner
Pump	1/3 HP Helical Spur Gear Pump
Smart Filtration Controller	SMART FPS System Monitor with Safety & Alarm Features
Power	12V DC 10A or 24V DC 5A
Plumbing	Stainless Steel
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 (9.1 kg)
<b>Not for use with fluids that have a flash point below 100°F (37.8°C).</b>	

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 COMPACT SERIES FEATURE:

- 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 SMART 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 leaks.



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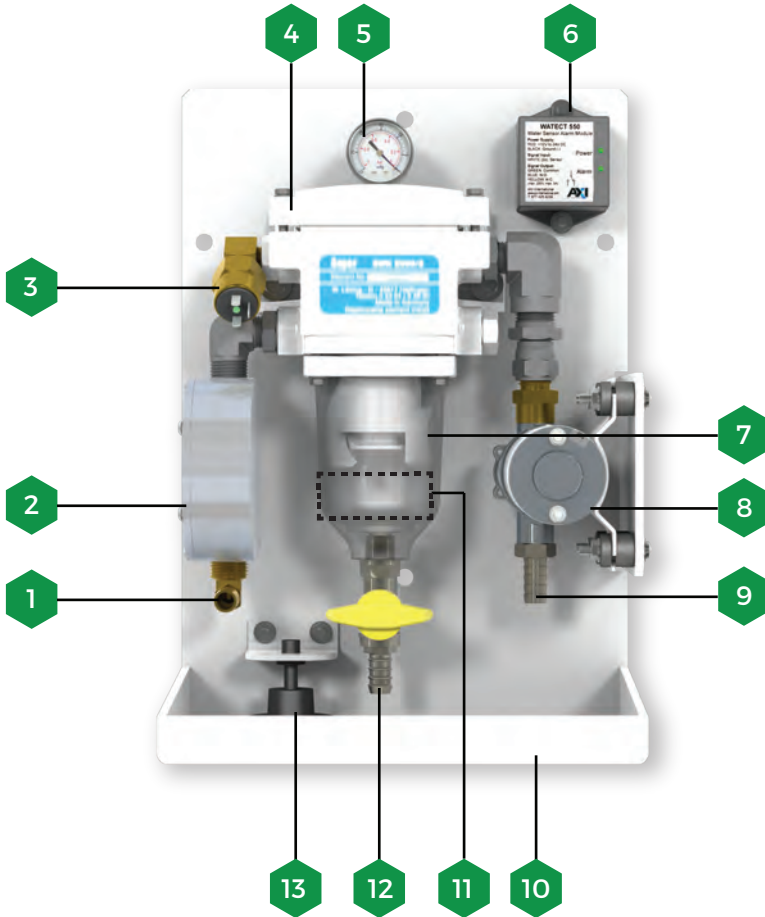
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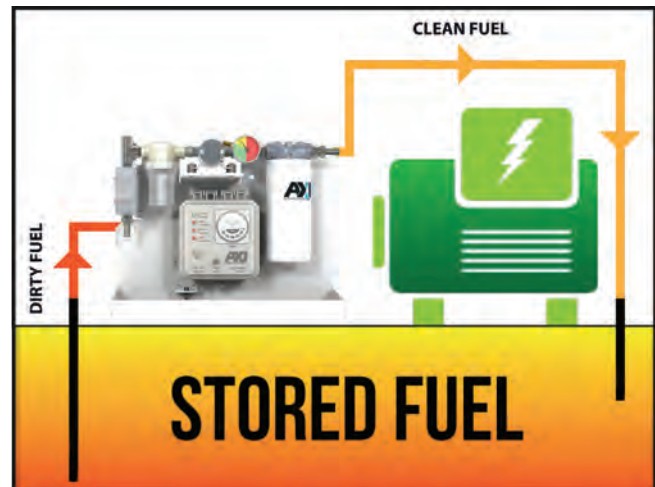


1. Fuel Inlet (From Tank)
2. LG-X Inline Fuel Conditioner
3. Vacuum Switch
4. Water Separator
5. Vacuum Gauge
6. WATECT Water Sensor
7. Water Collection Bowl
8. Motor with Coupled Gear Pump
9. Fuel Outlet (To Tank)
10. Drip Tray
11. Water Detection Probe
12. Water Drain
13. Leak Detector

## SMART FPS COMPACT OPTIONS

- Fuel Contamination Test Kit
- Fuel Sampling Kit
- AFC 705/710 Fuel Catalyst
- Filter Elements
- Replacement Filters

## FPS SYSTEM INTEGRATION



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