FPS FX
Compact Fuel Maintenance System

The FPS FX is a programmable, fully automated, fuel maintenance system that removes water, sludge, and other contaminants from fuel storage tanks. Once installed, the FPS FX system operates independently to ensure fuel reliability through routine fuel filtration. The system's fuel polishing process stabilizes diesel and bio-fuels, eliminating microbial contamination and ensuring the fuel remains clean. 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.

FPS FX with standard-issue Smart Filtration Controller

⬢ FPS FX SYSTEM FEATURES:

- Smart Filtration Controller
- Fully Automated and Programmable Operation
- Unique Safety & Alarm Features
- Continuous-Duty Pump, Viton Seals

For safe operation, the FPS FX is equipped with an automatic pump shut-down feature and alert indication to notify users of when the system requires servicing.

⬢ FPS FX SPECIFICATIONS:

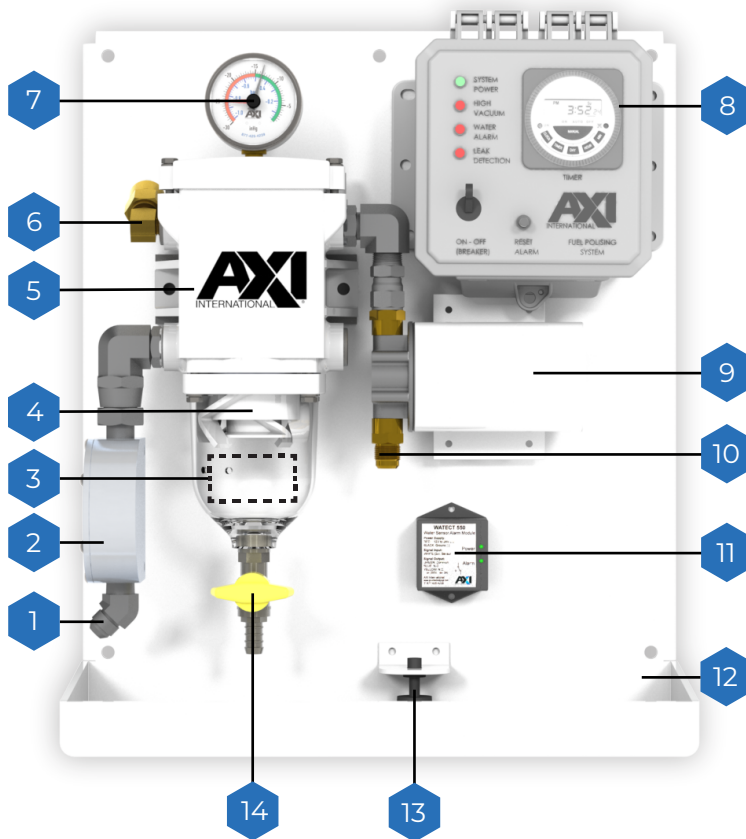|	
Nominal Flow Rate	2.5 GPM/150 GPH (9.5 LPM/567.8 LPH)
Primary Filter	10 or 30µ Particulate or 60µ Stainless Steel Screen with Centrifugal Water Separator
Fuel Conditioner	LG-X 500 Inline Magnetic Conditioner
Pump	Gear Pump
System Controller	Smart Filtration Controller with Safety and Alarm Features
Power	12VDC/10A or 24VDC/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).	

⬢ REPLACEMENT FILTER OPTIONS:

Primary Filter	Part No.
10µ Filter Cartridge	01010
30µ Filter Cartridge*	01030
60µ Stainless Steel Filter Cartridge	01060

Standard-issue filter element unless requested otherwise

FPS FX
Compact Fuel Maintenance System

1. Fuel Inlet (From Tank)
2. Fuel Conditioner
3. Water Level Sensors
4. Vacuum Switch
5. Primary Filter/Water Separator
6. Vacuum Gauge
7. Smart Filtration Controller
8. Motor with Coupled Gear Pump
9. Fuel Outlet (To Tank)
10. Water Detection Alarm Module
11. Drip Tray
12. Leak Detector
13. Water Collection Sump
14. Manual Drain Valve

● FPS SYSTEM INTEGRATION:

DIRTY FUEL

CLEAN FUEL

STORED FUEL

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