



FPS COMPACT

Compact Fuel Maintenance System

The FPS Compact system is a programmable, fully automated, fuel maintenance system that removes water, sludge, and other contaminants from fuel storage tanks. Once installed, the FPS Compact 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 Compact with standard-issue Smart Filtration Controller

FPS COMPACT SYSTEM FEATURES:

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

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

FPS COMPACT SPECIFICATIONS:

Nominal Flow	1.3 GPM/80 GPH (5 LPM/302.8 LPH)
Rate 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	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)

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 00510

30µ Filter Cartridge*00530

60µ Stainless Steel Filter Cartridge 00560

**Standard-issue filter element unless requested otherwise*



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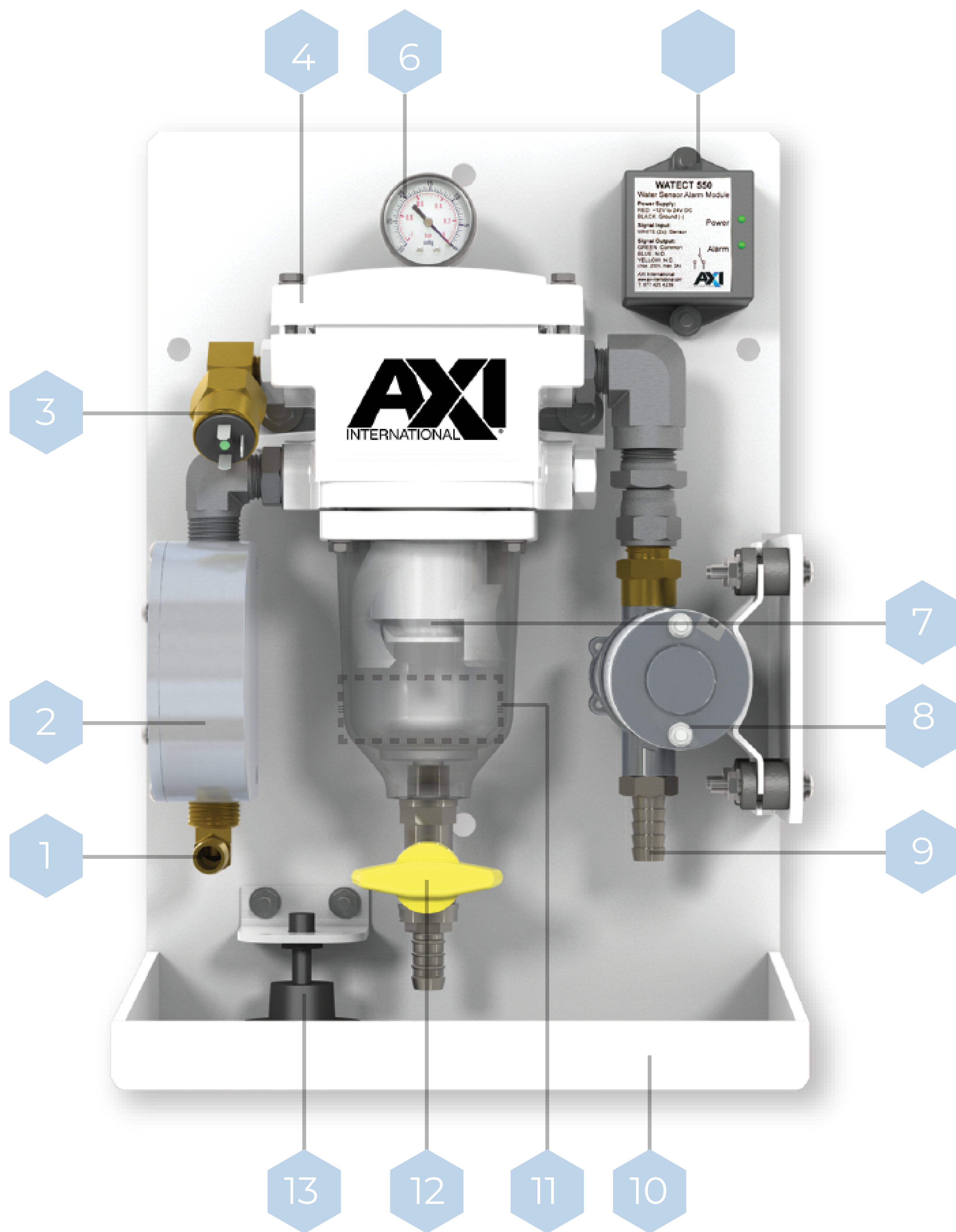
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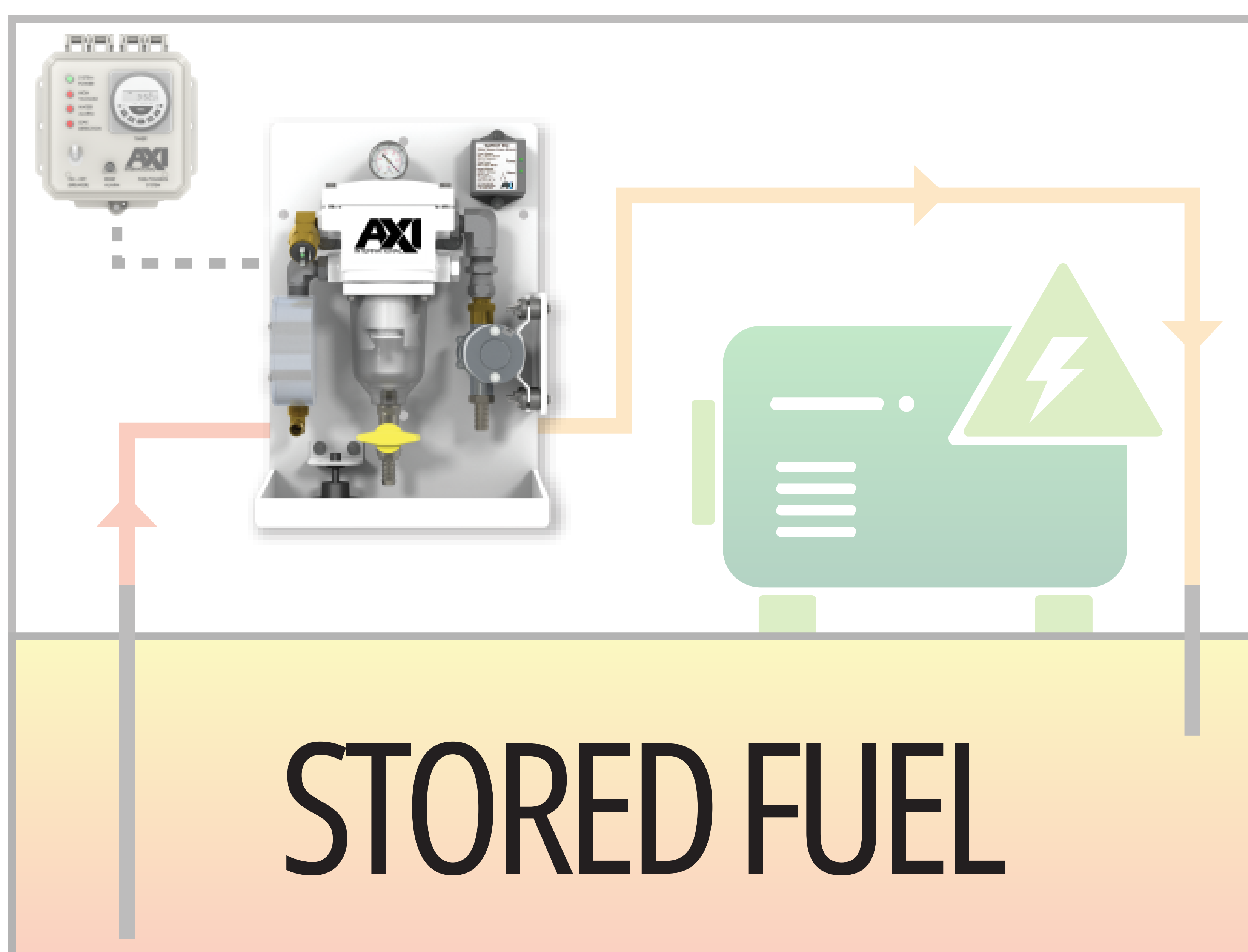
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Compact Fuel Maintenance System



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

FPS SYSTEM INTEGRATION:



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