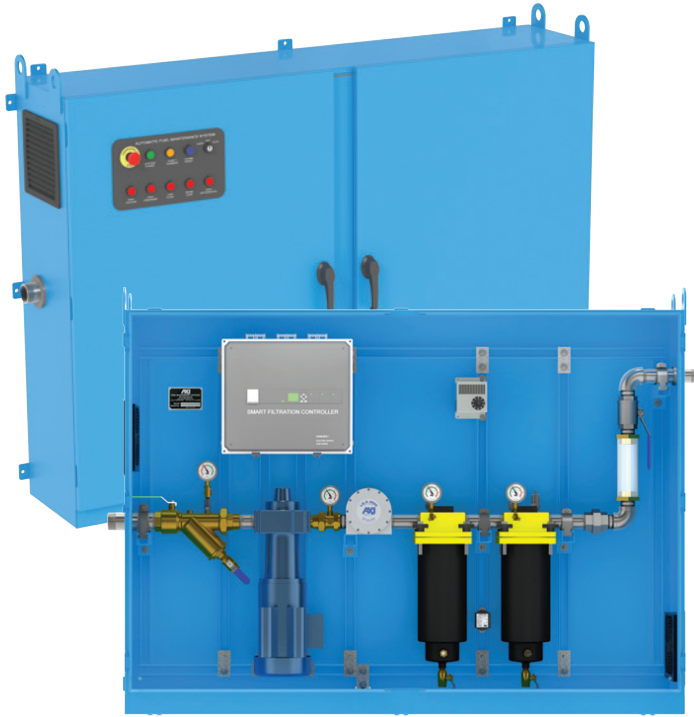




STS 6030

Enclosed Automated Fuel Maintenance Systems

The STS 6030 Programmable Automated Fuel Maintenance System is designed to optimize and maintain diesel fuel indefinitely. Adding an STS 6030 system will remove particulate, separate water, and condition stored fuel. This innovative process stabilizes diesel and bio-fuels, eliminates microbial contamination, and ensures clean reliable fuel at all times. Generators and pumps operating in remote locations are ideal applications for STS 6030 systems.



◆ STS 6030 SPECIFICATIONS

Flow Rate (@60Hz)	30 GPM/1800 GPH (113.6 LPM/6814 LPH)
Y-Strainer	20 Mesh
Primary Filter	1, 5, 10 or 25µ Racor FBO Particulate or 1, 5, 10 or 25µ Racor FBO Water Block
Secondary Filter	10µ Racor FBO Coalescer or 1, 5, 10 or 25µ Racor FBO Water Block
Fuel Conditioner	LG-X 4000 Inline Conditioner
System Controller	Programmable, Fully Automated UL 508A SMART Filtration Controller with BMS/BAS Interface and Digital Text Readout
Pump	2 HP Gear Pump
Power	208-230V/1Ph/60Hz/20A or 230V/1Ph/50Hz/15A or 480V/1Ph/60Hz/15A
Plumbing	Stainless Steel
Ports	2" NPT In 1-1/2" NPT Out
Enclosure Cabinet	NEMA 12 (IP55), 13 (IP65), 4 (IP66), and 4X (IP66) Powder Coat or Stainless Steel
Dimensions	56" x 72" x 17" (H x W x D) (142 x 183 x 43 cm)
Weight	≈ 760 lbs (344.7 kg)
Not for use with fluids that have a flash point below 100°F (37.8°C).	

◆ STS 6000 SERIES SAFETY FEATURES:

- Automatic Alerts
- Pump Shut Down When Filters Need Service
- Leak Detection
- Water Detection
- High Filter Vacuum
- High Pump Pressure
- Low Fuel Flow Alert
- Emergency Stop

◆ SMART FILTRATION CONTROLLERS:

- Maintenance Alert Log File
- Runtime Totalizer
- Alarm History
- On-Screen Help

◆ ALL STS SYSTEMS FEATURE:

- Multi-stage Water Removal and Particulate Filtration
- NEMA 12,13, 4, 4X Powder Coated or Stainless Enclosure
- UL508A Smart Filtration Controller
- Stainless Steel Plumbing



1.239.690.9589
1.877.425.4239 Toll Free
www.AXI-International.com

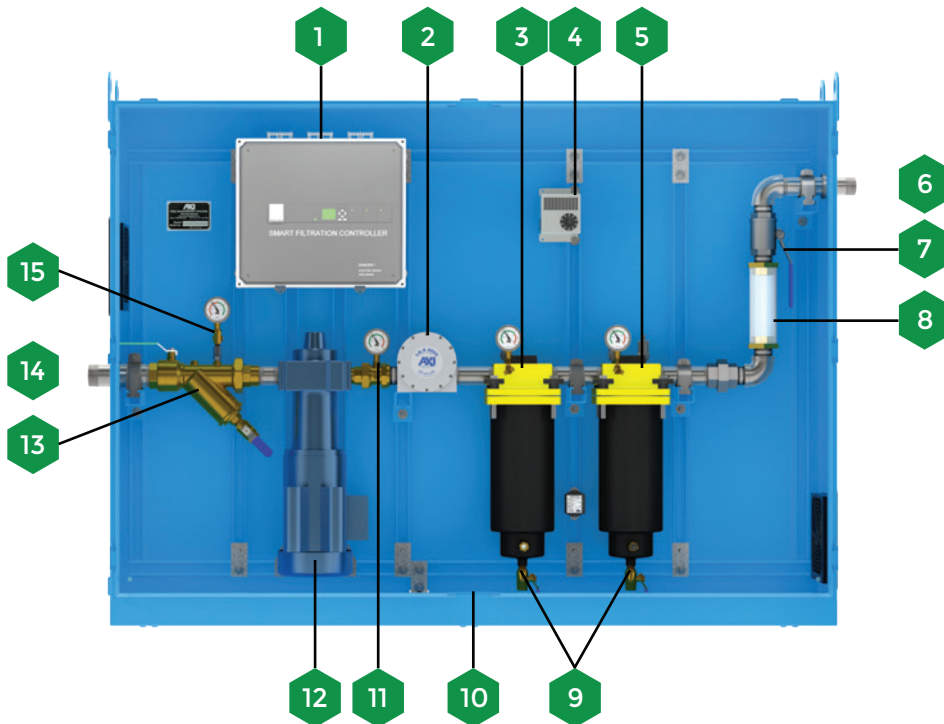
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1. Smart Filtration Controller
2. AXI Inline LG-X 4000 Conditioner
3. Primary Final Filter
4. Enclosure Heater (Optional)
5. Secondary Final Filter
6. Fuel Outlet (Discharge)
7. Outlet Ball Valve
8. Flow Switch with Sight Glass
9. Drain Valves
10. Leak Detector
11. Pressure Switch
12. Gear Pump
13. Wye-Strainer
14. Fuel Inlet (From Tank)
15. Vacuum Switch

STS 6030 OPTIONS:

- AFC 705/710 Fuel Catalyst
- Stainless Steel Enclosure
- Automatic Water Drain
- Cabinet Color Options
- Stand

REPLACEMENT FILTER OPTIONS:

Pre Filter	Part No.
1 μ Micro Filter Element	FBO-60339
5 μ Micro Filter Element	FBO-60340
10 μ Micro Filter Element	FBO-60357
25 μ Micro Filter Element	FBO-60341

Fine Filter	Part No.
1 μ Coalescing Filter Element	FBO-60336
5 μ Coalescing Filter Element	FBO-60337
10 μ Coalescing Filter Element	FBO-60356
25 μ Coalescing Filter Element	FBO-60338

STS SYSTEM INTEGRATION:

