



STS 6010

Enclosed Automated Fuel Maintenance Systems

The STS 6010 Programmable Automated Fuel Filtration System is designed to optimize and maintain diesel fuel indefinitely. Adding an STS 6010 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 6010 systems.



STS 6010 SPECIFICATIONS

Flow Rate (@60Hz)	10 GPM/600 GPH (37.9 LPM/2271 LPH)
Primary Filter/Water Separator	10 or 30µ Particulate or 60µ Stainless Steel Screen with Centrifugal Water Separator
Secondary Filter/Water Block	1, 3, 10 or 25µ Particulate or 3, 10µ Water Block
Fuel Conditioner	LG-X 3000 Inline Conditioner
System Controller	Programmable, Fully Automated UL 508A SMART Filtration Controller with BMS/BAS Interface and Digital Text Readout
Pump	3/4 HP Spur Gear Pump
Power	120V 60Hz 15A or 230V 50Hz 15A
Plumbing	Stainless Steel
Ports	1" NPT In 1" NPT Out
Enclosure Cabinet	NEMA 12 (IP55), 13 (IP65), 4 (IP66), and 4X (IP66) Powder Coat or Stainless Steel
Dimensions	37" x 60" x 12" (H x W x D) (94 x 152 x 30 cm)
Weight	≈ 513 lbs (232.7 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 Pump Vacuum
- High Pump Pressure
- Low Fuel Flow Alert
- Emergency Stop

SMART FILTRATION CONTROLLERS:

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

STS 6010 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
- Optional Multi Tank Configuration Available (2 Tanks)



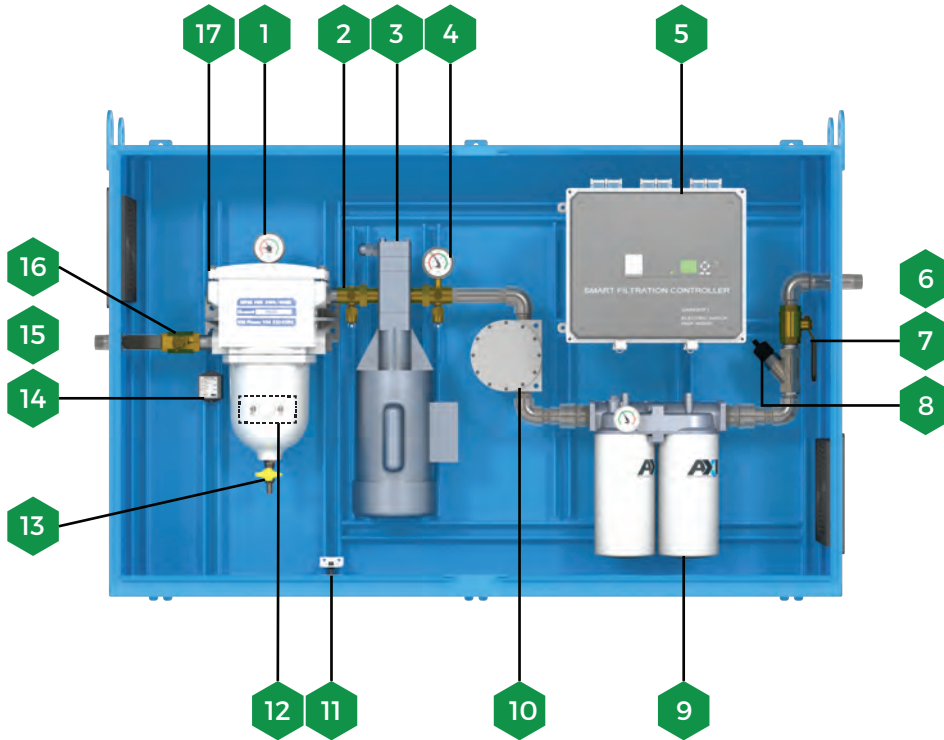
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1. Vacuum Gauge
2. Vacuum Switch
3. Pump
4. Pressure Switch with Gauge
5. Smart Filtration Controller
6. Fuel Outlet (Discharge)
7. Outlet Ball Valve
8. Pressure Switch
9. Fine Filter
10. AXI Inline LG-X 3000 Conditioner
11. Leak Detector
12. Water Level Probe
13. Water Drain Valve
14. WATECT Water Sensor
15. Fuel Inlet (From Tank)
16. Inlet Ball Valve
17. Pre Filter/Water Separator

STS 6010 OPTIONS

- AFC 705/710 Fuel Catalyst
- Stand
- Stainless Steel Enclosure
- Cabinet Color Options
- Cabinet Heater

REPLACEMENT FILTER OPTIONS

Pre Filter	Part No.	Fine Filter	Part No.
10 μ Filter Element	04010	3 μ Water Block Filter	WB-3
30 μ Filter Element	04030	10 μ Water Block Filter	WB-10
60 μ Filter Element	04060S	1 μ Fine Filter	FF-1
		3 μ Fine Filter	FFZ-3
		10 μ Fine Filter	FF-10

STS SYSTEM INTEGRATION

