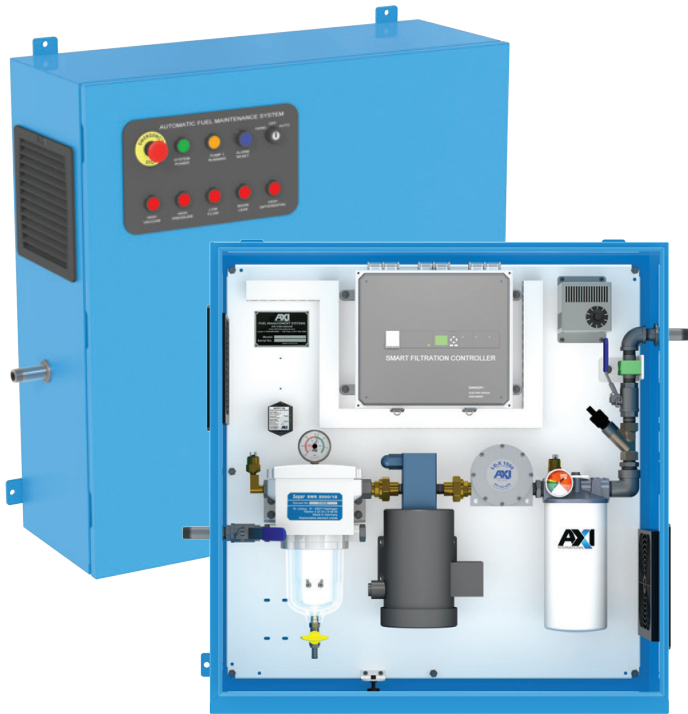




STS 6004

Enclosed Automated Fuel Maintenance Systems

The STS 6004 Programmable Automated Fuel Maintenance System is designed to optimize and maintain diesel fuel indefinitely. Adding an STS 6004 system will remove particulate, separate water, and condition the 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 6004 systems.



STS 6004 SPECIFICATIONS

Flow Rate (@60Hz)	4 GPM/240 GPH (15.1 LPM/908 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 1500 Inline Conditioner
System Controller	Programmable, Fully Automated UL 508A SMART Filtration Controller with BMS/BAS Interface and Digital Text Readout
Pump	1/3 HP Gear Pump
Power	120V/60Hz/15A or 230V/50Hz/15A
Plumbing	Stainless Steel
Ports	3/4" NPT In 3/4" NPT Out
Enclosure Cabinet	NEMA 12 (IP55), 13 (IP65), 4 (IP66), and 4X (IP66) Powder Coat or Stainless Steel
Dimensions	36" x 36" x 12" (H x W x D) (91 x 91 x 30 cm)
Weight	≈ 290 lbs (131.5 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

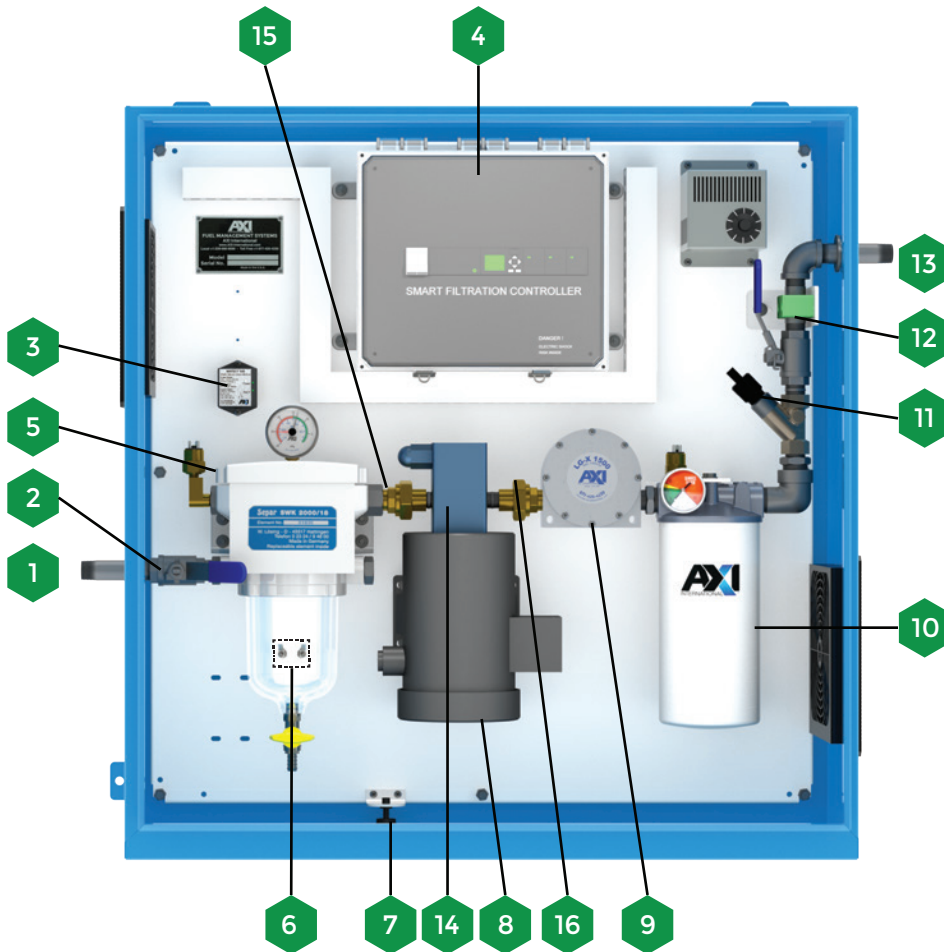
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1. Fuel Inlet (From Tank)
2. Inlet Ball Valve
3. WATECT Water Sensor
4. Smart Filtration Controller
5. Pre Filter/Water Separator
6. Water Level Probe
7. Leak Detector
8. Pump Motor
9. AXI Inline LG-X 1500 Conditioner
10. Fine Filter/Water Block
11. Inline Flow Switch
12. Outlet Ball Valve
13. Fuel Outlet (Discharge)
14. Gear Pump
15. Vacuum Switch
16. Pressure Switch

STS 6004 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	01810	3 μ Water Block Filter	WB-3
30 μ Filter Element	01830	10 μ Water Block Filter	WB-10
60 μ Filter Element	01860	1 μ Fine Filter	FF-1
		3 μ Fine Filter	FFZ-3
		10 μ Fine Filter	FF-10

STS SYSTEM INTEGRATION:

