



STS 6000-P35

Programmable Automated Fuel Maintenance System

STS 6000-P35 Programmable Automated Fuel Filtration System is a self-contained, stand-alone system that removes and prevents the buildup of water, sludge and contaminants in tanks. It stabilizes diesel and bio-fuels, eliminates microbial contamination to optimize and maintain fuel quality. STS systems guarantee Optimal Fuel Quality for Reliable Power at All Times.



◆ STS 6000-P35 SPECIFICATIONS

Flow Rate	35 GPM
Primary Filter/ Secondary	1, 5, 10, or 25 μ Particulate or Water Block Dual 1, 3, 10 or 25 μ
Pump	Utilizes Existing Tank Pump
Smart Filtration Controller	SMART PLC Controller
Power	120VAC / 60hz / 20A
Plumbing	Stainless Steel
Ports	1 1/2" NPT In 1 1/2" NPT Out
Construction	NEMA rated enclosure
Dimensions	42" x 68 x 14" (H x W x D) (107 x 176 x 36 cm)
Weight	\approx 404 lbs (183.3 kgs)
Not for use with fluids that have a flash point below 100°F (37.8°C).	

Preventive Maintenance Plans for mission-critical power are essential. However, most service agreements do not cover fuel-related engine failures. Fuel has a limited shelf-life and even "fresh fuel" could contain water, sediment, microbes and bio-fuel components upon delivery.

Periodic generator tests-runs are too short to determine if fuel quality is adequate for the demands of continuous, full-load operation. In fact, generator test runs significantly accelerate the fuel polymerization and degradation process by returning fuel that has been compromised by heat and pressure back to the tank. Potential liabilities can easily be avoided by implementing an

AXI Fuel Quality Maintenance Program as part of every disaster recovery plan. An STS 6000-P35 automatically maintains fuel quality and guarantees reliable emergency power whenever it is needed.

◆ STS 6000-P35 SERIES FEATURE:

- Multi-stage water removal and particulate filtration
- NEMA 12, 13, 4 Powder Coated or Stainless
- UL508A SMART Filtration Controller
- Unique Alarm Functions and Remote Monitoring
- Integrates with Building Management Systems
- Stainless Steel Plumbing
- Stand-Alone, Reliable & Turn-Key

For safe operation, the STS 6000-SX-F is equipped with an automatic pump shut-down and indicators when filter elements require service. Also included are indicators for high pump vacuum, high filter pressure, and leaks.



1.239.690.9589
1.877.425.4239 Toll Free
www.AXI-International.com



AXI.International



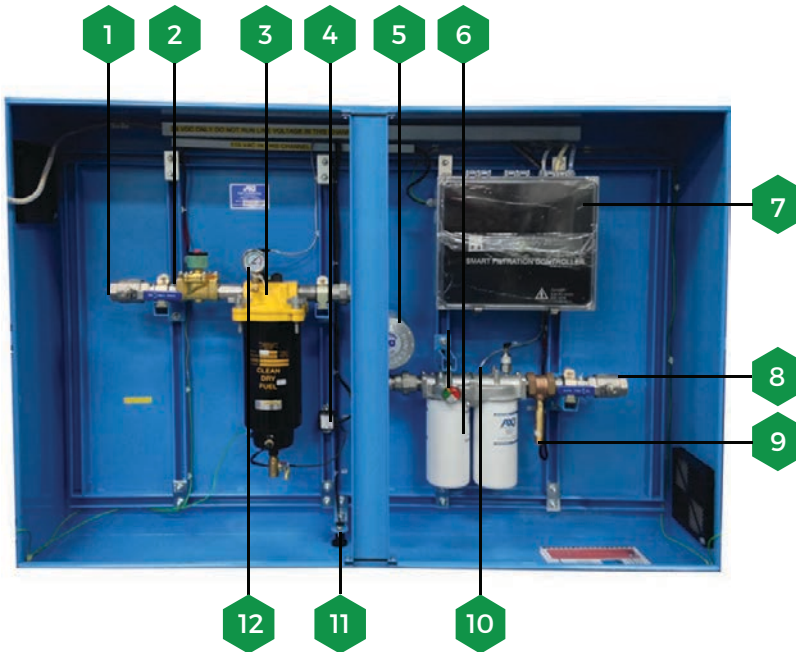
AXInternational



AXIFuel



AXIFuel



1. Fuel Inlet (From Tank)
2. Solenoid
3. FBO Primary Filter / Coalescer
4. Watect 550 Water Sensor
5. Fuel Conditioner
6. Secondary Filters
7. SMART Filtration Controller
8. Fuel Outlet (To Tank)
9. Flow Switch
10. Pressure Transmitters
11. Float Switch
12. Pressure Gauges

◆ STS 6000-P35 OPTIONS

- Multiple tank functions
- AFC-705 Fuel Catalyst
- Foot Valve
- Digital Flow Meter

◆ REPLACEMENT FILTER OPTIONS

Primary Filter	Part No.	Secondary Filter	Part No.
10 μ Filter Element	01010	3 μ Water Block Filter	WB-3
30 μ Filter Element	01030	10 μ Water Block Filter	WB-10
60 μ Strainer	01060SS	1 μ Fine Filter	FF-1
		3 μ Fine Filter	FFZ-3
		10 μ Fine Filter	FF-10

◆ AFC 705/710 FUEL ADDITIVE

A unique and powerful broad spectrum concentrate for use in diesel, gasoline, bio-fuel, kerosene, and HFO. Benefits include:

- Extended Engine Life
- Extended Filter Life
- Removes / Prevents Carbon Build Up
- Prevents Corrosion
- Cleans Injection System
- Tier 4 Compliant (710 only)
- Stabilized Fuel up to 12 mo.
- Added Lubricity
- Improved Combustion
- Lower Emissions
- Improved Fuel Economy