

Ensures Safe & Reliable Emergency Generator Operation. The STS-6000 removes water, sludge and prevents tank sediments in stored fuel.



STS-6000 10GPM 2T


- **Four Stage Water Removal & Particulate Filtration Down To 3 Micron**
- **Easy Installation Independent Of Genset (“Kidney Loop”)**
- **Automated Two Tank Control**
- **UL508a Listed Smart Filtration Controller**
- **Automatic Shut-down For High Vacuum, Filter Pressure, Leak And Flow Interruption Detection**
- **Patented Fuel Conditioner Reverses Fuel Deterioration & Polymerization To Submicron Levels**
- **Stand Alone, Safe, Reliable, Turn Key Solution**



Fuel is inherently unstable. It **naturally forms sediments, solids and tank sludge**. Clogged filters, smoke and damage to injection systems are often symptoms of less than optimal fuel quality causing engines to be unreliable, smoke, lose power and ultimately fail. Water naturally accumulates in storage tanks due to condensation or leaks in fills and vents. Water and temperature changes create an environment for microbial growth and natural oxidation, accelerating formation of sludge, acids and tank corrosion.

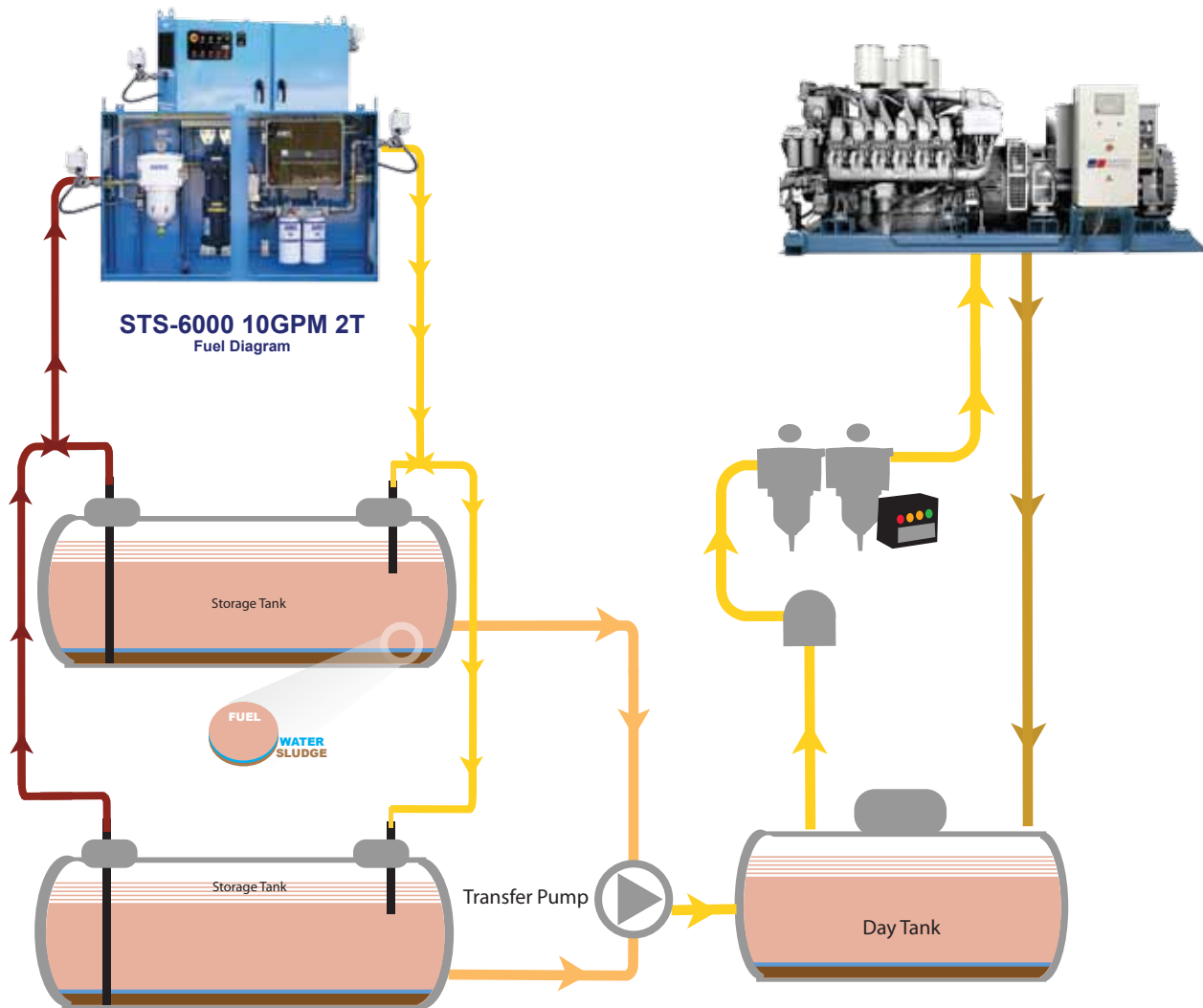
Fuel Maintenance is an important part of periodic generator maintenance programs

- Do you have a “Fuel Maintenance Program” in place?
- Can you afford a clogged filter shutting down your generator?
- When did you last test your fuel or check the tank for water & sediments?

STS 6000-10GPM-2T	
Dimensions (H x W x D)	30" x 37" x 12" (91 x 94 x 30cm)
Weight (Approx.)	~400 lbs (180kg)
Power Requirements	110V / 60Hz or 230V / 50Hz
Flow Rate	10 gpm
Fuel Conditioner	LG-X 3000
Primary Filter/Water Separator	10 or 30 micron
Secondary Filter/ Water Block	3 micron
Filtration Controller	PLC Controller
Port Size	1" NPT
Plumbing	Stainless Steel Fittings
Certifications	UL 508A Certified 

ALGAE-X® Total Fuel Management Systems

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The STS 6000-10GPM-2T has the capability to switch between two tanks servicing and cleaning two fuel tanks with one system. Based on the STS 6000-10GPM design, Algae-X engineering added two automated 3-way ball valves, expanded the Programmable Logic Controller and installed a tank selector switch.

The principal components are a continuous duty motor with coupled gear pump, Separ primary filter / water separator with vacuum sensor & gauge, Algae-X Fuel Conditioner, and a secondary filter with pressure gauge & sensor. The system is automatically operated by the programmable, UL 508A listed Algae-X Smart Filtration Controller. The primary filter protects the pump and removes water and particulate. The secondary filter is a quick change spin-on filter designed to remove emulsified water and contaminants down to 3 Micron.

For safe operation the STS 6000 is equipped with a drip tray monitored by a leak detector. STS-6000 line includes a full scope of built-in UL-508A certified diagnostics, alarms and indicators for safe operation and remote monitoring. The Smart Filtration controller logic offers two more digital inputs to be connected to the fuel tanks "high fuel level alarms" to prevent overfill or overflow situations and potential spills.

All components and control devices are contained within a fully enclosed, lockable, weatherproof NEMA cabinet. Algae-X international now offers five models of its STS automated fuel filtration systems to service fuel storage tanks.

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