

SPS 1800 - ADVANCED

AUTOMATED FUEL MAINTENANCE & MONITORING SYSTEM



Contaminated Diesel Fuel poses a major risk to reliable generator operation. Our modern fuels are naturally unstable and deteriorate rapidly, especially when exposed to water. The drastic reduction of sulphur and addition of bio-fuels to diesel in recent years have further reduced shelf life and increased fuel related engine failures.

The fully-automated CFT SPS 1800 Fuel Maintenance System is a total fuel maintenance solution to stored fuel environments. Ideal for use on bulk fuel storage tanks up to 30 000 litres. The system will keep stored fuel in an optimum & pristine condition. Programmed to take fuel from the tank, process it through fine filtration debris extraction, metallic particulate (rust) removal, water separation and removal (free and emulsified water), bacterial control, diesel fuel algae elimination and fuel optimization, fuel can be stored indefinitely without compromising integrity or altering its chemistry.



REMOTE MONITORING & WEB BASED DASHBOARD

In a connected world you need data at your fingertips; and with the CFT Dashboard you will be able to monitor your systems from anywhere. CFT Remote Monitoring allows you real time view of all sites under your control, detail of system operation, view any alerts generated, produce reports and contact maintenance and emergency crews.

The system uses a GSM module to communicate with our web-based API, allowing maximum up-time and stability.

The CFT Monitoring Dashboard was build with secure cutting edge technology, so your data is safe with us.

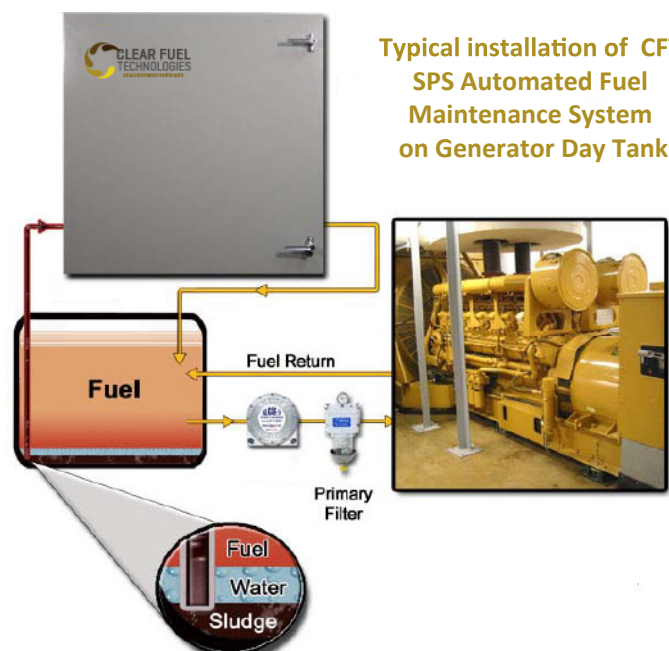
In addition to all system operation notifications, the system also monitor and alert:

- ⚡ Volumetric Fuel Tank Level (*Primary & secondary tanks*)
- ⚡ Fuel Spill Alert (*Emergency response support*)
- ⚡ Component and filter replacement notification
- ⚡ Poor Fuel Quality delivery notification and alert
- ⚡ Tamper Alert (*Notification when the system door is opened*)
- ⚡ Temperature Monitoring (*Diesel flashpoint at 55°*)

SPS 1800 - AC SYSTEM SPECIFICATIONS

Flow Rate	1800 lph
Ports	3/4" BSP
Primary Filter	10 OR 30 μ Internal
Pump	Ring Pump
Secondary Filter	10 μ Absolute Water Block 2 μ Absolute Water Block
Automated Control	Yes
Power	230 V AC (50Hz)
Amperage	15A
Height	1000mm
Width	1000mm
Depth	400mm
Weight	106 kg
Certifications	CE

Typical installation of CFT SPS Automated Fuel Maintenance System on Generator Day Tank



When the lights go out, it's too late to attend to Generator Fuel Maintenance!