

# On Board Tank Cleaning System TC-1000 / TC-3000

The TC is a High Capacity On-Board Tank Cleaning and Fuel Transfer System that reconditions stabilizes and decontaminates fuel. It efficiently removes water, sludge and sediments that naturally accumulate in tanks. The TC cleans tanks and restores fuel to its “Clear & Bright” condition.

The system can be easily installed on existing vessels or engineered into new construction. It provides the dual capability of fuel polishing and fuel transfer, eliminating fuel “algae” issues, clogged filters and tank sludge. **“Optimal Fuel Quality for Peak Engine Performance and Reliability”**



- Stage 1:** The separator / coalescer removes water and particulate that is easily drained by opening the valve on the bottom of the separator.
- Stage 2:** The ALGAE-X® Fuel Conditioner reconditions and stabilizes the fuel, reversing the process of fuel deterioration and buildup of tank sludge.
- Stage 3:** The industrial type water block fine filter removes emulsified water and very fine solids down to 3 microns.

	TC-1000	TC-3000
<b>Pump Rate</b> Self priming rotary vane pump, integrated bypass valve & strainer	15 gpm 900 gph	26 gpm 1560 gph
<b>Ports (Suction / Discharge)</b>	1" / 1"	1 1/2" / 1 1/4"
<b>Motor *</b> EN & CE approved Requires single phase 20A circuit	115V/230V	115V/230V
<b>LG-X Model</b>	3000	3000
<b>Weight (approx.)</b>	90 lbs	120 lbs
<b>Dimensions (H x W x D)</b>	33" x 22.5" x 25"	36" x 25.5" x 25"
<b>Separator</b>	Maintenance free, centrifugal water separator / coalescer	
<b>Spin-on filter</b>	Water block fine filter: 3 or 10 micron Fine filter: 3, 10, or 25 micron	

\* Not for use with fluids that have a flash point below 100°F (e.g. Gasoline, Alcohol ...)

**ALGAE-X® TC Systems** are built with industrial quality components, connected with 316 SS plumbing and mounted on a heavy-duty white powder coated plate. A pressure gauge is installed on the spin-on filter head to ensure optimal filter usage. The stainless steel liquid filled vacuum gauge monitors the separator and protects the pump.

**ALGAE-X® Fuel Catalyst (AFC-705)** The use of AFC-705 is recommended as a standard part of any tank cleaning procedure, to more rapidly and efficiently decontaminate and clean the entire fuel system, and remove sludge, slime and bio-fouling from tank walls and baffles. AFC-705 is a full spectrum fuel conditioner containing combustion catalyst, surfactant, detergent, dispersant, corrosion inhibitor, lubricity enhancers and fuel stabilizer that eliminates the need for expensive toxic biocides.

**TC Options:** Digital Flow Meter, Water Sensor Alarm.

Larger capacity fuel polishing, tank cleaning and fuel transfer systems are available.

## ALGAE-X® Total Fuel Management Systems