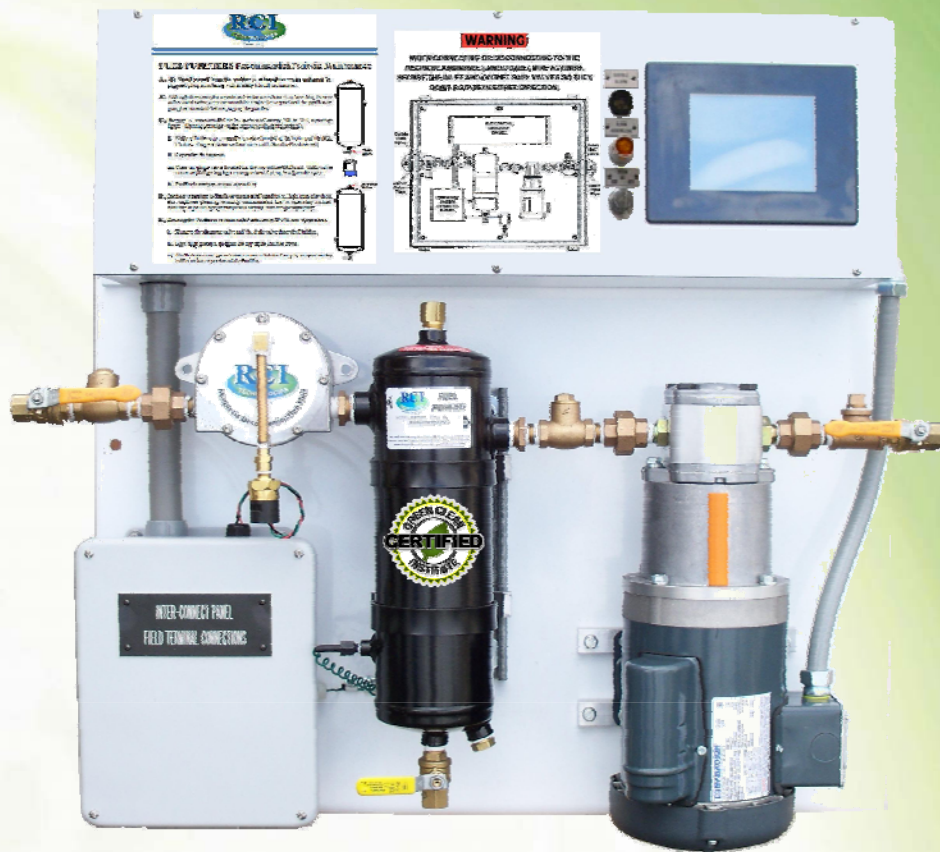


RCI Technologies

FRS 660

Complete NEMA 4 508A Listed
Open Face Automatic Fuel
Recirculating System



"THE PERMANENT SOLUTION"
Made in the U.S.A.



FRS 660-OF-UL **NEMA 4 UL 508A Listed** **Fuel Recirculating Systems**



Diesel fuel begins to deteriorate as soon as it is produced. This problem poses no threat if the fuel is consumed quickly. Unfortunately, diesel fuel may be stored for years. This deterioration affects the fuel's pumpability and combustibility. Aged fuel tends to re-polymerize, forming submicronic particles, causing excessive wear to injectors and injector pumps, clogged filters and sludge deposits.

By recirculating your fuel stores, you can fight the contamination battle by constantly recirculating the fuel and removing water, dirt and algae before it builds up and poses a threat to your equipment. This is even more of a concern in the Marine and Export Generator Packaging environment, where you have no control over the quality of your fuel deliveries and you have very limited space for a fuel maintenance system. When your fuel is free of water and contaminants, your equipment will show increased reliability and performance, as clean fuel burns cleaner and hotter.

Like its sister systems, the FRS 660-OF Series of fuel recirculating systems are pre-engineered integrated systems of packaged pump, motor, programmable controls and accessories pre-plumbed and pre-wired. The FRS 660-OF Fuel Recirculating Systems provide the user with the reliability of a job-engineered system, matched components and factory assembly. These systems are designed for use with fuel oil (class II or class III combustible liquids having a flash point of 100° F or higher).

The FRS 660-OF System is suitable for floor and wall mounting. All devices, wiring and electrical are contained in NEMA 4 UL listed compartments. External ports are provided for connection of field plumbing and electrical.

The RCI FRS 660 Systems are fully enclosed and suitable for wall or pad mounting. All devices, wiring, electrical and plumbing are contained in a NEMA 4 UL listed weatherproof enclosure. Isolated internal compartments are provided for mechanical and electrical components. External ports are provided for connection of field plumbing. The enclosure includes a drip catch basin with internal and external alarm and leak detection.

Routine circulation with the FRS 660 System will remove 99.9% of water and up to 95% to 98% of dust, dirt and other normal and natural contaminants found in all diesel fuels, including sludge and algae. In addition to dramatically extending filter life and improving engine performance, it increases combustibility. Even today's "clean" diesel fuel will easily become contaminated during transportation and storage. RCI Technologies' Fuel Purifiers are **Green Clean** certified and contain no filters and no moving parts. There are no elements or cartridges to clean, change or replace.





Standard Features

- NEMA 4 UL 508A Rated Weatherproof System
- Green Clean Certified
- Powder-Coated White
- 6" Operator Touch Panel Interface
- NPT Brass Inlet/Outlet Ball Valves
- Brass Swing Check Valves
- System Emergency Shut-Down Points
- Recirculating Pump with Pressure Relief Safety Switch
- Cabinet Leak Sensor with Alarm Contacts—Pump Shut-Off
- RCI Universal Fuel Purifier
- RCI Water Sensor Alarm
- Magnetic Fuel Decontamination Unit

	G.P.M.	PLC	# of Tanks	Brass Inlet / Outlet Ball Valves	Brass Swing Check Valves	Brass Flow Switch	Pump	Electrical	Phase	Y Strainer	Measurements
SINGLE TANK UNITS											
FRS 660-5-OF-UL	5	Y	1	1/2" NPT	1/2" NPT	-	1/3 hp	115-208/230 VAC	Single Phase - 60 hz	-	36" x 36" x 12"
FRS 660-11-OF-UL	11	Y	1	1" NPT	1" NPT	-	1 hp	115-208/230 VAC	Single Phase - 60 hz	-	48" x 48" x 12"
MULTIPLE TANK UNITS											
FRS 660-5-MTU-2-OF-UL	5	Y	2	1/2" NPT	1/2" NPT	-	1/3 hp	115-208/230 VAC	Single Phase - 60 hz		48" x 48" x 12"
FRS 660-11-MTU-2-OF-UL	11	Y	2	1" NPT	1" NPT	-	1 hp	115-208/230 VAC	Single Phase - 60 hz		48" x 48" x 12"
FRS 660-25-MTU-2-OF-UL	25	Y	2	1" NPT	1" NPT	-	2 hp	115-208/230 VAC	Single Phase - 60 hz		48" x 48" x 12"

For a detailed list of upgrades on all models, please contact your local representative. You will find them listed at www.rcitechnologies.com under "Contacts."

View of the above listed units

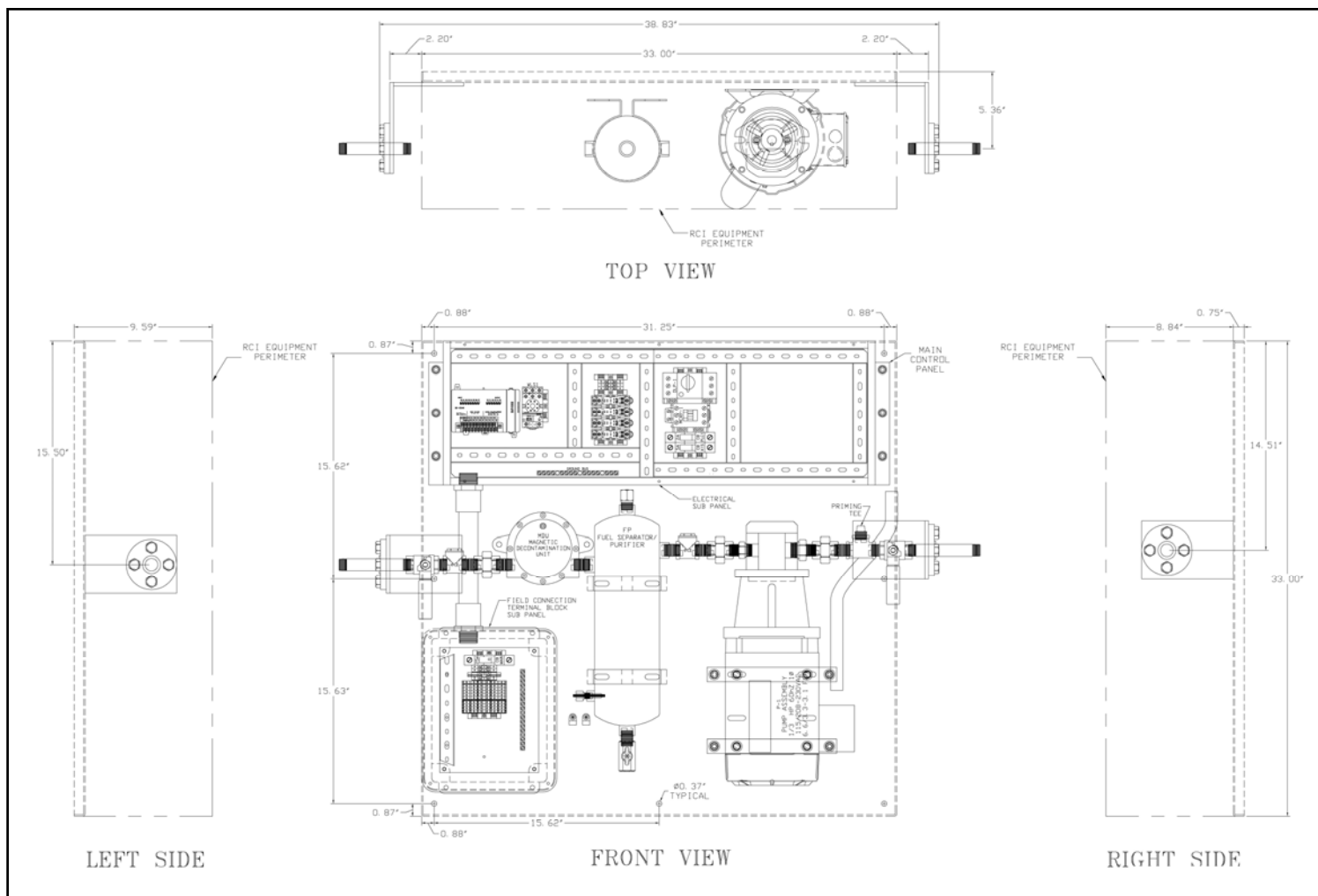


FRS 660-5-UL



FRS 660-11-OF-UL
FRS 660-5-MTU-2-OF-UL
FRS 660-11-MTU-2-OF-UL
FRS 660-25-MTU-2-OF-UL
FRS 660-11-RPU-MTU





RCI Technologies
"The Permanent Solution"
For Protecting Your Investment



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