

RCI Technologies "Solutions"

Bringing you the latest news from RCI and solutions to your fuel filtration needs



RCI Technologies
"Solutions"

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Did You Know?

• 85% of all diesel engine failures are fuel system-related.

• Diesel fuel can become contaminated by solid particle contaminants and moisture (condensation, water) in the fuel.

• Failures from contaminated diesel fuel can be expensive. Diesel fuel system failures typically cost \$1,000 to repair. Causes include the following:

A. fuel injector failure (fuel injectors operate @ 22,000+ PSI)

B. clogged paper filters

C. rust particles

D. improperly blended biodiesel fuel

E. biodiesel

fuel more than 100 days old

• RCI products cleanse contaminated fuel:

A. First Stage - solid particles down to 30 microns (primary level), including dirt, dust, gravel, rust particles, tank sediment, etc.

B. Second Stage - solid particles down to 10 microns (secondary level)

C. Removes 99.9% of all non-emulsified (free) water in the fuel ([test results available on our Web site](#))

• RCI can extend final stage fuel filter change interval.

• RCI will reduce your fleet downtime and operating costs.

• RCI products are both Green Clean and ABS quality certified.

Come Meet Us at the Show!

• **NOV. 17-19:**

[Pacific Marine Expo](#)
(Seattle, Wash.), Booth 606

• **NOV. 30-DEC. 2:**

[International WorkBoat Show](#)
(New Orleans, La.), Booth 534

• **DEC. 13-15:**

[Power-Gen International](#)
(Las Vegas, Nev.), Booth 5130

Seeking Dealers

Are you interested in becoming a dealer or distributor for RCI Technologies? We are always looking for representation. Call us at (800) 868-2088 or send an e-mail to info@rcitechnologies.com



New 50 GPM Closed-Cabinet FRS is Suitable for Larger Tanks, Multiple Tanks

We are pleased to present the FRS 660-50-UL Automatic Fuel Recirculating System.

The FRS is designed to automatically circulate and clean stored fuel at 50 gallons per minute on a preprogrammed schedule. The system is housed in a NEMA 4 key-lockable cabinet and is equipped with alarms to alert the user in the event of pump failure, purifier high water level, system high pressure and system leak.

This FRS model is ideal for larger fuel storage tanks and is also available in a multi-tank version.

As with all of our fuel recirculating systems, the FRS 660-50-UL uses our patented fuel purification technology, with no filters or moving parts. They are used for primary fuel purification and remove 99.9 percent of water, including emulsified water, and up to 98 percent of the normal solid or particulate contaminants found in all diesel fuel.

All of our fuel recirculating systems are UL 508A-listed and Green Clean Institute-certified, and all electrical components and connections are housed in NEMA 4X, weatherproof enclosures.



RCI Technologies Co-Sponsors Memorial 5K Event, Supports Scholarship Fund

RCI Technologies was among the corporate sponsors for the 2011 Matt's Run, a fund-raising 5K run/walk held each year at Cal Poly University Pomona.

Proceeds from the event help support the Matthew Myers Memorial Fund, which provides annual scholarships to Cal Poly Pomona students. This year, nine students were awarded scholarships from the fund.

RCI Technologies employees and their families participated as walkers/runners in the event, which took place this year on Oct. 15 at the campus. More than 900 people participated in the event, with more than 750 running and walking the 3.1-mile course.

The annual event was created in 2006 in memory of Matthew Brent Myers, a 20-year-old Cal Poly Pomona communications major and avid runner. Myers was crossing a campus road when he was hit and killed by a car in October 2005.

A campus memorial was put up in Myers' memory in 2006. The memorial consists of an etched cross and a memorial stone bearing a plaque engraved with Myers' image and an inspirational message.

As a founding sponsor of the inaugural run, RCI Technologies has been co-sponsoring Matt's Run every year since 2006.

For more information on Matt's Run, visit www.mattsrun.org. To watch a short YouTube video about the event, [click here](#).



RCI Fuel Maintenance Systems: UL vs. FM

RCI Technologies Fuel Maintenance System is not FM-approved. However, we are confident that after the following information is reviewed, it will be determined that RCI is the best selection.

If the spec. indicates the system should be FM-approved but the term "NRTL" is also used, "NRTL" means "nationally recognized testing laboratory." UL is the predominant, nationally and internationally recognized "NRTL" in the petroleum fuel handling and storage industry.

* The storage tanks are UL.

* The tank monitoring is UL.

* The components of the pump sets are UL.

* All your anti-siphon valves flexible hoses are UL.

* All the listed components in the fueling system and maintenance system are UL.



All the major FMS (fuel maintenance system) manufacturers use UL as their NRTL. This illustrates two very important facts:

1. Again, UL is the predominant "NRTL" used by this industry, including the fuel maintenance system (FMS) manufacturers.

2. The most important fact is most of these projects are public entity bids. Using portions of a specification to exclude all other suppliers of the FMS or any other product is not allowed. It is against state and federal bidding policies to give a product or manufacturer an advantage by excluding all other like manufacturers of the like product.

In addition, the RCI system is the only system that is Green Clean certified as a product that is environmentally friendly. And, it is a complete UL 508A fabricated system, not just using a UL component.

RCI Technologies

"THE PERMANENT SOLUTION"

Made in the U.S.A.

www.rcitechnologies.com

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