

MARINE PERFORMANCE

NEWS

VOLUME 14
SPRING • 1999

A COMPASS
PUBLICATION

Dedicated To Efficiency, Economy & Speed In Work Boats



Fuel purifier

The current line of RCI Fuel Purifiers incorporates both air purge valves and sensor ports. They also have a sensor kit permitting remote monitoring of the Fuel Purifier and all Purifiers are now constructed with a specially designed interior baffle system for rough seas. To help insure against rust and corrosion, all Purifiers, mounting straps, and brackets are now powder coated.

The RCI Fuel Purifier has been designed to remove over 99% of all water and up to 98% of dust, dirt and other normal and natural contaminants found in all types of engine or burner fuel. This system removes contamination before the fuel enters the engine's primary filter system and operates without the use of replaceable, changeable, or cleanable filter elements or cartridges.

The Purifier uses the centrifugal separation principle to separate water and other contaminants from fuel. As fuel

enters the Purifier, it flows through an internal baffle system which causes the fuel to move in a circular movement. Once moving in this manner, the fuel collides with a deflector plate designed to separate water, suspended solids and other contaminants. Only clean fuel rises to the top and flows to the engine's filter system. The water and other contaminants accumulate at the bottom of the purifier until purged.

With the sensor installed, a buzzer and

light indicates when the sump reaches approximately 40% of capacity. At this level the operator has plenty of advance warning to purge the Purifier.

Sizes range from 1/2 gpm fuel flow up to 400 gpm and are designed for virtually all engine applications including a complete line of Purifiers dedicated to the marine industry. All RCI Purifiers carry a full five year warranty.

RCI Purifier West, San Dimas, CA.

CIRCLE NO. 562



- **Family fun at the picnic boat market**
- **iners** — Mexican bulider launches first of 10
 - **Oyster Boat** — Blount delivers 104' suction dredge
 - **Dive Boat** — Young Brothers 40' for 6-pack charters

DO YOU WANT MAXIMUM PERFORMANCE
FROM YOUR DIESEL ENGINE?

