



# FILTRATION NEWS™

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SPECIAL DIRECTORY ISSUE Focusing on:

- Air Filtration • Dust Control • Environmental Pollution
- Waste Water Treatment

LABEL CHANGES? Phone: 1-800-783-3491 • Fax: 1-810-347-3492

## Krystal Klear Filtration



### DIESEL FUEL PURIFIER

The RCI Diesel Fuel Purifier is 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 the contamination prior to the fuel entering the primary filter system without the use of a replaceable, changeable, or cleanable filter element or cartridge.

The purifier uses the centrifugal separation principal to separate water and other contaminants from the fuel. As fuel enters the purifier, it flows through an internal baffle system which causes the fuel to move in a circular movement.

Once the fuel is moving in this manner, it collides with a deflector plate designed to separate water, suspended solids and other contaminants from the fuel. The water and other contaminants accumulate at the bottom of the purifier until purged. The clean fuel rises to the top and flows to the primary fuel filtration system.

On certain models a heating element preheats the fuel, this helps to liquefy any paraffin present and provides better lubrication for the entire fuel system including the pump and injectors. In cool weather this heating element also helps avoid wax or gelling problems.

Sizes of RCI purifiers range from .5 gpm fuel flow up to 200 gpm and are designed for all engine applications including the bus and truck markets, construction equipment, generator sets, all commercial or industrial applications, and the marine industry.

For further information, contact Robert Fox, RCI Purifier West, 466 West Arrow Highway, Suite D, San Dimas, CA 91773, or use Reader Reply Card.

Circle Reader Reply Card #10

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**AIR/WASTEWATER POLLUTION CONTROL**