LOWER OVERHEAD COSTS AND IMPROVE VEHICLE PERFORMANCE? YOU CAN WITH RACOR!

No one knows better than you do, the only way to reach your profit goals in today’s trucking industry is to optimize the performance and slash the operating cost of every vehicle in your fleet. And it’s not easy. Fuel is expensive, emissions mandates strict, competition relentless, and driver satisfaction tenuous. Factor in the skyrocketing cost of vehicle maintenance — not to mention profit robbing downtime — and it’s enough to drive any profit conscious fleet manager straight to . . . us.

Racor is a company firmly rooted in the realities of today’s trucking and transportation industry — a company that knows what it takes to operate a fleet efficiently. That’s why our entire team — from design and application engineers to customer service personnel — is committed to providing you with products and systems designed specifically to reduce fuel consumption, lower maintenance costs, minimize downtime and maximize engine performance.

Ongoing initiatives in R&D, creative problem solving and existing product improvement drive Racor in the direction of innovation — new ways to provide you with products and systems required to continuously improve your bottom line.

Brochure No. 7611

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**VorMax**

**A REVOLUTIONARY ADVANCEMENT IN FUEL FILTRATION!**

The Racor VorMax™ advanced fuel filtration system is a complete fuel management system providing filtration, water removal and fuel temperature control in one compact, lightweight, easy to service unit. The revolutionary VorMax filter uses a revolutionary, patented cyclonic action to remove up to 97% of any water and particulate matter present in the fuel.

**Features:**
- Exclusive filter restriction gauge located on the filter housing or can be remotely mounted in the cab as an option.
- Fuel temperature regulation with internal thermostat – warm fuel in winter – cool fuel in winter.
- 12V DC or 120V AC pre-heater available as an option.
- Uses any standard spin-on OEM fuel filter.

**Change your fuel filter once a year.**

The VorMax is so efficient that the standard OEM spin-on filter may require changing only once a year, saving time and money. And, by changing the spin-on filter once a year, you eliminate the damage caused to your fuel injectors as a result of the debris in the raw fuel used to prime the engine after a filter change.

**INFORMATION!**
- **9WX710** integrated fuel tank water removal and fuel conditioning system. Returns clean, dry fuel back to on-board fuel or storage tank. Completely self-contained and mounted on a two-wheeled cart for easy access.
- **Coolant Monitor** monitors coolant level instead of temperature, while engine is running, so coolant loss is sensed before engine damage occurs.
- **Oil Monitor** monitors oil level while engine is running. Senses oil by volume, not pressure, and alerts operator of oil loss before engine damage can occur.
- **Pre-Trip Monitors** time-saving maintenance systems permit operator to check oil and coolant levels without raising the hood. Weather-proof control module features red and green lights to indicate levels. Ensures maximum life and performance from an engine’s oil, coolant, fuel and filter systems.

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**RACOR ENGINE MONITORING SYSTEMS**

FOR MORE INFORMATION ABOUT ANY DURABLE AND RELIABLE RACOR-BUILT PRODUCT OR SYSTEM VISIT OUR EXCITING NEW WEB SITE: [http://www.parker.com/racor](http://www.parker.com/racor)
NEW! DOC19™ and DOC™ Plus patented maintenance systems automatically change oil while the engine is running.

DOC19 systematically removes small amounts of oil from the engine, blends it into the return fuel line and burns it as fuel — in a simple, efficient closed loop system to keep your vehicle out of the maintenance shop and on the job. Save time, fuel and costs.

The DOC Plus incorporates Racor’s proven gravity-based Never Lo™ oil replenishing system to continuously replace the oil withdrawn from the engine and burned by the action of the DOC for the ultimate in hand’s off oil maintenance. Consider these additional benefits of DOC19 technology.

- Fast payback greatly reduced downtime for engine maintenance means the DOC19 pays for itself in less than a year of average use and even faster in many fleets.

RELIABLE: Racor Never Lo™ Oil Replenishing Systems — automatic or manual systems provide a constant supply of fresh, clean oil to the engine.

A&G Automatic Gravity System continuously monitors engine oil and automatically maintains it at a pre-determined level. Requires no electrical connections and is easy to install utilizing existing engine specific mounting brackets. Choice of 3 or 5-gallon oil reservoir features an easy-read level indicator.

Push-Button Manual Pressurized remote fill oil replenishing system allows operator to add oil to the engine by simply depressing a valve button until the desired amount of oil has been added. The amount of oil needed is determined by routine dipstick checking. The oil is pressurized by tractor air supply, forcing oil through the valve and into the crankcase. Sight gauge on choice of 3 or 5-gallon reservoir is marked at two-quart intervals for precise measurement.

When used in conjunction with the DOC19 the Never Lo oil replenishing system provides a constant supply of fresh oil to the engine.

PROVEN RELIABILITY!

Racor 525™ and 424™ Fuel Heater/Water Separators for today’s high performance heavy-duty and smaller midrange engines. These lightweight aluminum units use engine coolant to produce a 47°F rise in fuel temperature — eliminating the need for fuel blending.

Proven three-stage water separation process is over 99% efficient in removing water and other contaminants per SAE J1839. The screen filtration system is also self-cleaning eliminating the need for additional maintenance. Separated water is quickly and easily eliminated through an integral self-venting drain valve with no loss of prime. Both units are available with either a 12-volt or 120-volt preheater and optional thermostat. Unit cover rotates 360° for ease of installation on any existing engine configuration.

99% EFFICIENCY IN REMOVING WATER AND SOLIDS FROM FUEL
VERSATILE! Racor Hot STK™
In-Tank/Standpipe Fuel Heater — also available with integrated Racor fuel sender — delivers warm fuel directly from the fuel tank for fast startups in cold weather operations. Innovative dual-action heating radiates heat into the tank and heats the fuel again as it's drawn up through the standpipe producing a 32°F temperature rise for optimum efficiency in extreme conditions. Proven ideal for warming hydraulic fluid to improve the performance of hydraulic systems in cold climate off-road equipment applications.

The adaptable Hot STK unit is available in standard lengths from 8' to 29' or can be ordered in any specified length. A 360° rotating head provides for easy mounting in existing sender holes. Available with thermostat, integral fuel level sender or both.

SOLID STATE! Racor Solid State
Electronic Fuel Senders Ruggedly reliable, 100% solid state 12-volt or 24-volt sender — for any petroleum-based product — eliminates the need to continuously replace mechanical senders. For either stand alone application or integration with RACOR Hot STK fuel heater. Fits standard 5-bolt SAE fuel sender holes. Standard units are available for 0-88 ohm and 240-33 ohm gauges and 13" to 30" tanks. Custom sensors are available for different ohm ranges, special applications and other fluids including water.

THE ORIGINAL! RACOR W8791
In-Line Fuel Heaters — the nation's first and most reliable in-line diesel fuel heaters — incorporate hot engine coolant to heat cold diesel fuel and keep equipment running in the most extreme weather conditions. Since the hot coolant surrounds the fuel, it is heated the entire time it passes through the fuel heater. The field proven system allows operators the cost-saving convenience of using #2 diesel fuel the year round! The compact W8791's all-steel construction requires no maintenance.

BE SEEN AND SAFE!
RACOR Hot Flash Solid State
Electronic Flashers respond to the safety demands of today's longer rigs requiring more lamps, as well as many special-need vehicles. These 12-volt power houses generate over 100 million flashes per unit for optimum value. Proven reliable in years of field testing. Each unit also features overload and short protection, 14 bulb capacity, no ground wire and can be reset.

The dependable W8791 is available in a thermostatically controlled heavy-duty version (W8791HDCV) or smaller W8791S version for small to medium engines.