

RACOR®

Power Generation Engine Filtration Systems

- ***Fuel***
- ***Oil***
- ***Air***
- ***Maintenance***



→Parker

oil



The new generation of top-load filters

A permanent assembly houses both the Racor top-load oil filter and top-load fuel filter. The top-load filters meet the requirements of today's electronically-controlled, high pressure fuel injection systems. An uncompromising, high level of fluid cleanliness is needed to achieve operating efficiency and reach service life. The environmentally-friendly cartridge oil filters are crushable, incinerable and cost-effective to replace.

Top-loading filter replacement is user-friendly – cleaner, easier, quicker than servicing under-engine mounted filters.

High performance, high efficiency filter media.

Environmentally-friendly, incinerable element.

Rugged, die cast aluminum housing.

Oil pressure regulator is integral to the system.



Cartridge Oil Filtration

The Racor LFS 300 Series Retrofit Kits allow the conversion from a standard metal spin-on disposable canister to a premium cartridge oil filter. These revolutionary systems feature a crushable, burnable replacement cartridge element that offers increased capacity and efficiency.

Bypass Oil Filtration

Now, engine owners have the opportunity to combine the Racor Full-Flow Lubrication Filtration System with a highly efficient, environmentally safe Bypass Oil Filtration System.



- 1 Extends the miles between oil changes
- 2 Saves maintenance costs and downtime
- 3 Keeps oil cleaner longer, reducing oil consumption and disposal
- 4 Extends engine life and "re-build" intervals
- 5 Keeps engines better lubricated which means reduced wear
- 6 Removes damaging water

For additional information, request Brochure No. 7460, Lubrication Filtration Systems. Also available is Brochure No. 7610, Oil Filtration Systems for Original Equipment Applications.



fuel

Racor Quality in One Easy Spin

- High capacity, on-engine primary or secondary filtration
- Fits most existing mounting heads
- See-thru bowl with water sensor option
- Mounting heads available, contact Racor or your distributor



400 Series/Model 490



Fuel Dispensing

Racor's new FBO-10 and FBO-14 filter assemblies are designed to meet the toughest hydrocarbon refueling conditions and provide for ease of filter change-outs. The FBO Assembly can flow 25gpm/95lpm or up to 75gpm/230lpm depending on the model, the elements installed and fuel being filtered.

Standard Design Features

- Die cast aluminum head
- Steel filter bowl assembly
- Powder-coated components
- Locking ring collar, no clamps
- 1 1/2" NPT Inlet and Outlet
- 150 psi @ 240° F max design pressure
- Manual drain valve
- Manual vent valve

The high grade aluminum components and powder coat paints mean that corrosion is never a worry.

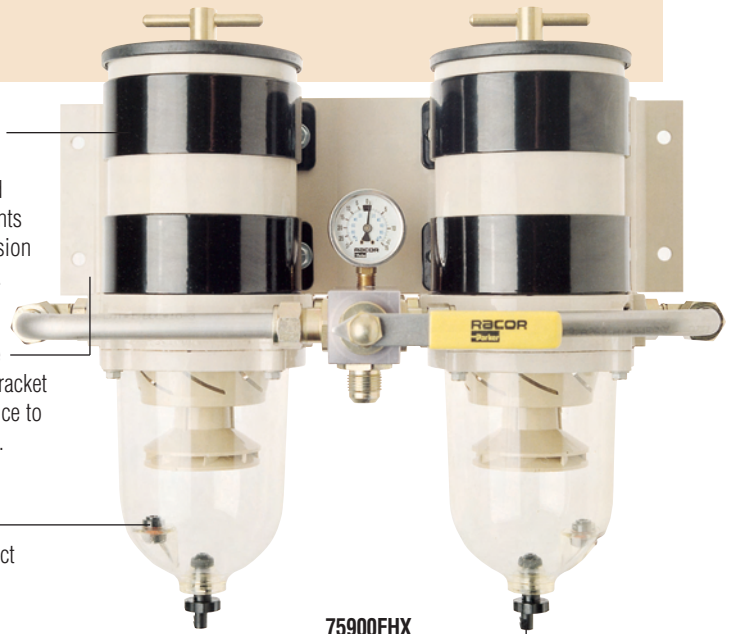
A durable single bolt mounting bracket doubles resistance to vibration fatigue.

Polymer bowl withstands impact and temperature extremes.

Aquabloc media sheds water and keeps engines waterproof, rustproof and dirtproof.

300-watt heaters start you in the cold – thermostats are standard to meet the requirements of today's electronic engines.

For additional information, request Brochure No. 7529, Fuel Filtration Systems



75900FHX

Self-venting drain. A single twist makes draining clean, fast and easy.

High Capacity RVFS Series

Racor RVFS Series filter vessels offer a versatile, economical alternative to competitor's vessels. Industry applications include removing liquid and solid contaminants from diesel fuel, gasoline, kerosene, aviation gas, jet fuel and other lubricating or hydraulic oils. RVFS vessels utilize proven filter design technology and can be used as coalescers, pre-filters, monitors or separators by changing internal components or flow direction or by selecting optional filter cartridges when ordering.



RVFS Series

For additional information, request Brochure No. 7537, Hydrocarbon Filter Vessels and Elements



air

ECO II Series Spin-On Disposable Air Cleaners

The ECO Series provides two significant improvements in engine protection. When the filter loads with dirt and replacement is required, collected dust and debris stay safely contained inside the disposable housing, eliminating the chance of contaminating the air intake system during air filter service. Since the ECO Series uses no clean air gaskets, you never have to worry about gasket leakage. The outlet simply hooks up to the intake with a rubber connection and clamp, creating a leak-tight seal.

UniPamic® Light & Medium Service Air Cleaners

The unique construction of the Pamic element with its exclusive mechanical pleat separation, provides more usable filter area than any competitive air cleaner, thus offering longer element life. UniPamic models feature an efficient moisture separator panel which removes over 90% of the water that may enter the face of the air cleaner. AutoPamic® models can be upgraded to include a gravity-discharged dust pre-cleaner. RotoPamic® models are upgradeable to either a compressed air or exhaust-aspirated pre-cleaner.

The first cone-type filter element that is both tapered and offset.

Water-resistant media provides three- to five-times longer filter life than conventional designs.

More usable media area than conventional filters.

Paper pleats are permanently locked in place for reliable performance.

Media is SAE-rated to provide average efficiency of 99.9% (SAE J726C), with no seals or gaskets to replace.



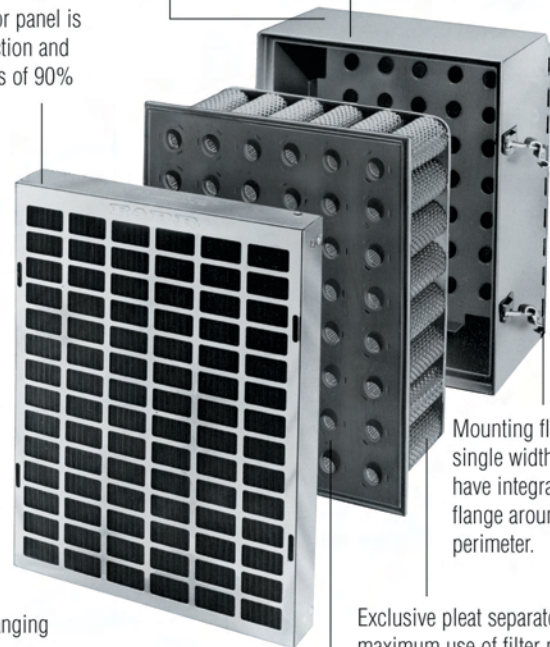
ECO II

Heavy duty, rugged, all metal housing.

Powder coated.

Outlet nozzle is shipped loose for field placement.

Moisture separator panel is all metal construction and removes in excess of 90% of water.



Upgrade later – all Pamic air cleaners, except Slimline models, are easily upgraded for heavy or extra-heavy service simply by changing the pre-cleaner panel.

Mounting flange – single width housings have integral mounting flange around the back perimeter.

Exclusive pleat separators assure maximum use of filter media for long service life.

Pamic element with integral gasket is easy to service.

For additional information, request Brochure No. 7539, Air Filtration Systems

air

Pop-up style indicator that alerts of a bypass condition and the need for a filter change.

Durable glass-filled nylon components.

Left or right hand inlet/outlet options.

Unique crankcase pressure regulator with integral bypass valve that minimizes variation in crankcase pressure. Excessive variation in crankcase pressure can damage seals, cause loss of oil and other problems.

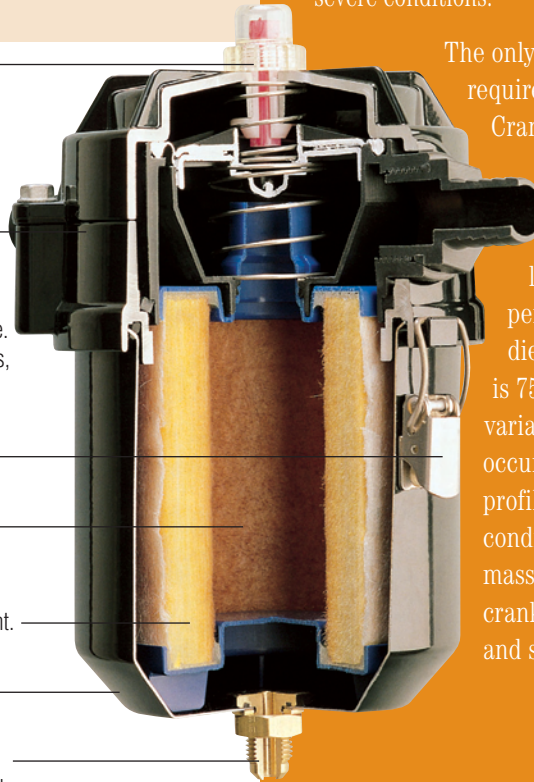
Stainless steel latches for toolless element change.

Replaceable high-performance filter with depth-loading, micro-glass fiber coalescing media.

Extended filter service interval from the Vaporbloc™ element.

Steel with epoxy powder-coating.

Drain check valve allows collected oil to be returned to the crankcase. This eliminates frequent draining and significantly reduces oil consumption.



Racor CCV™ Systems

In a robust, compact package, the patented Racor CCV closed crankcase ventilation filter systems provide superior oil coalescence and crankcase pressure control under the most severe conditions.

The only routine maintenance required for the Racor Crankcase Ventilation Filter System is filter replacement. Typical service life of the high-performance filter in diesel applications is 750 hours. Some variations in service life occur depending on load profile, engine wear condition, flow and aerosol mass concentration of crankcase emissions and soot concentration.

Air Filtration, Reinvented by Racor. The NEW Eco III Air Filtration System

ECO III is designed for 300-500 horsepower engines for over-the-road vehicles, including buses and specialty applications. Because ECO III delivers high efficiency in a small overall package design, the air filtration system can be located closer to turbochargers for increased performance. Further, the smaller unit size frees valuable space in the engine compartment.



Heavy Duty Combination Air Filters & Pre-Cleaners



Racor Combination Air Filters & Pre-Cleaners are designed to be connected to the air intake or to replace the existing standard air cleaner on diesel

and gasoline engines. There is a wide range of centrifugal pre-cleaners and combination air filter/centrifugal pre-cleaners for agricultural and earth-moving equipment; stationary engines; generator sets and vehicular applications.

For additional information about the new ECO III, request Brochure No. 7655

maintenance



We've Bottled Racor Protection



Racor Additives are performance-enhancing products for all climates and seasons. There are several convenient sizes, including a 16 oz. bottle; 1 and 5 gallon containers; and a 55 gallon drum. The high concentration of

active ingredients in Racor Additives allows for higher treatment rates. All Racor Fuel Additives are alcohol-free.

Vacuum / Compound Gauge Kits



Vacuum and Compound (vacuum/pressure) gauges and related hardware are available to monitor element condition.

By installing a vacuum gauge in your fuel system (at the outlet side of the Racor filter) visual monitoring of element condition is possible at a glance. At the first indication of decreased performance, note the dial reading or apply the 'red line' decal provided with most kits. This will assist in knowing when to change the filter at the next interval.

Note: Intervals of element changeout may vary depending on fuel cleanliness. Always keep a spare Racor element on hand.

Water Detection Modules & Kits



Racor Water Detection Kits are available in a wide selection for various installation requirements. Under-dash, in-dash and remote mount, these solid state units may be used with

Racor diesel fuel filter/water separators and water probes. They are manufactured using the highest quality materials and are all 100% electrically tested.

Fuel Filter Funnels

The Racor Fuel Filter Funnel (RFF)

family is a new heavy-duty, fast-flow, filter-in-a-funnel that separates damaging free

water and contaminants from gasoline, diesel, heating oil, and kerosene.

The new RFF family of products is capable of removing free water and solids down to .005 inches and allows you to visually inspect the integrity of your fuel supply as you refuel.



Spin-On Protection At The Pump



Racor's Fuel Dispensing Filters are essential for stationary and overhead tanks and mobile service vehicles, so you can start protecting your investment

at the source. With their easy-to-install heads, they remove virtually 100% of the contaminants from diesel fuel.

anything  Possible.

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