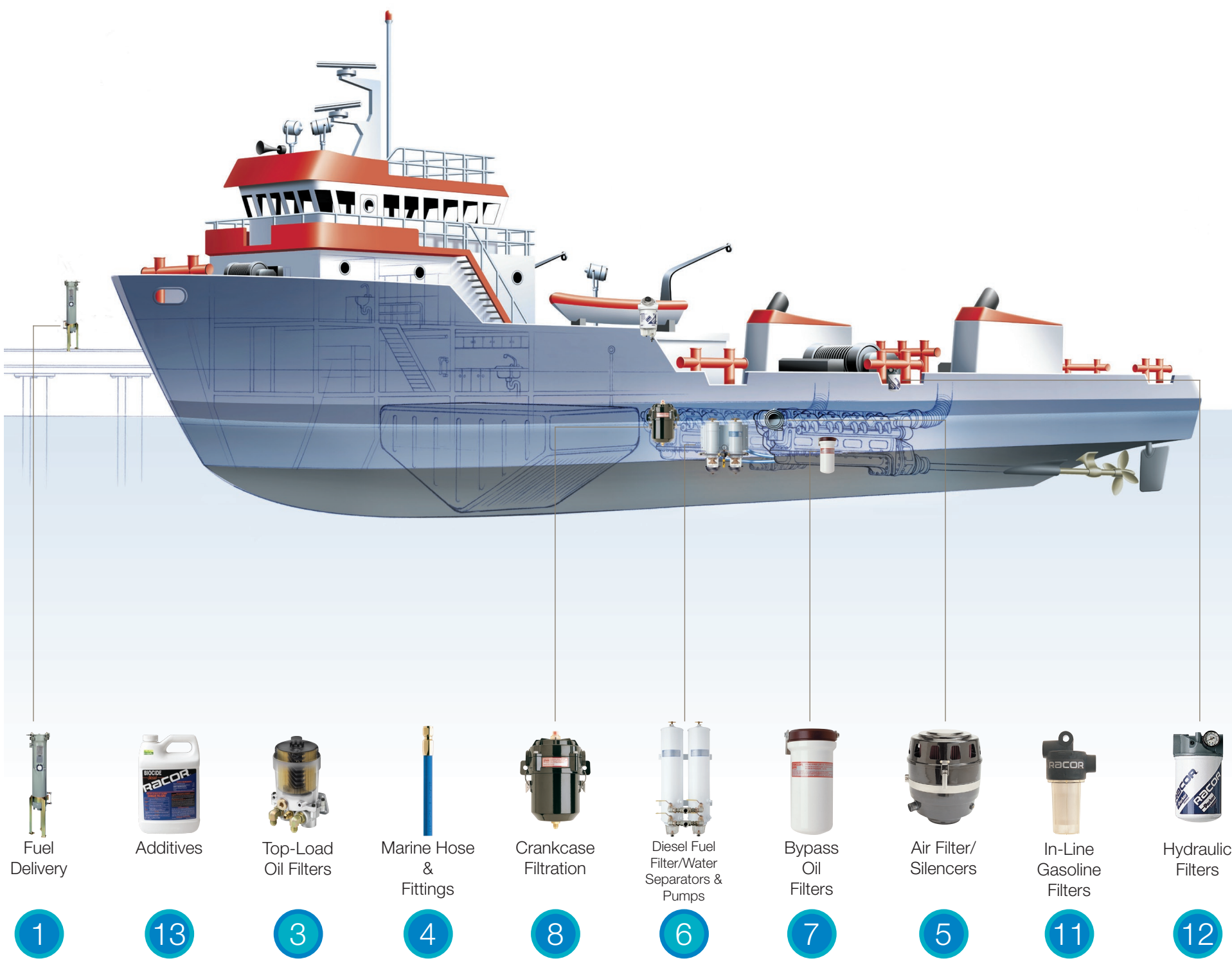
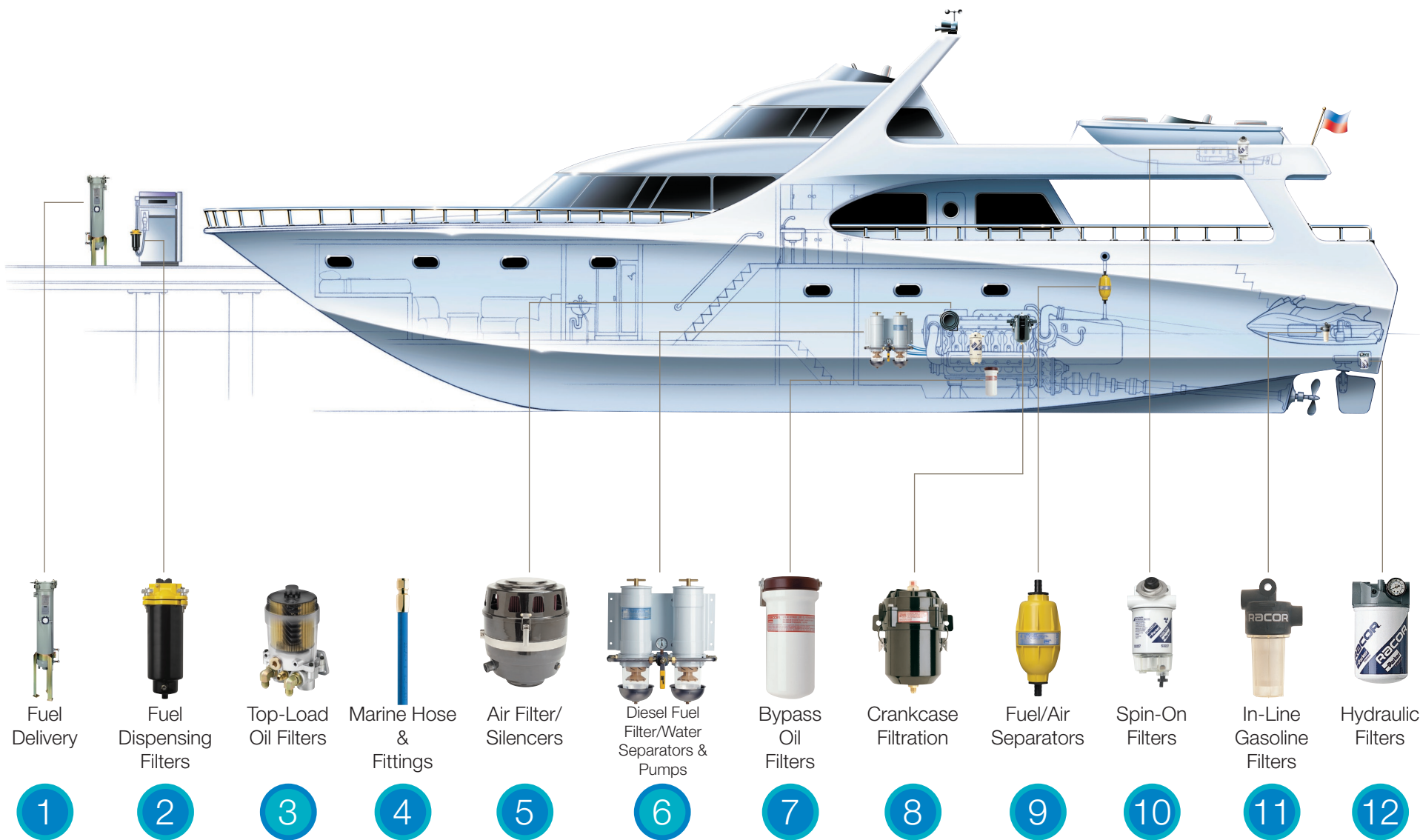


# Racor Marine Filtration Solutions



## Fuel Delivery *Bulletin No. 7648*

1

The RV Series vessels are designed to be used in bulk fuel storage, fuel dispensing, or in fuel transfer and large engine applications.

RV Series set up as a filter/water separator (RVFS) will remove emulsified free water and solids from diesel fuel, gasoline, and other hydrocarbon streams. When equipped with filter water separator elements, water can be drained and removed from the RVFS sump.

RV Series set up as a particulate filter (RVMF) is designed to remove solid contaminants such as dirt, rust, scale, and other solid materials from a hydrocarbon fuel stream down to two micron.

## Fuel Dispensing Filters *Bulletin No. 7589*

2

Racors FBO-10 and FBO-14 filter assemblies are designed to meet the toughest hydrocarbon refueling conditions and designed for easy cartridge element change-outs.

The FBO assembly can be used on mobile refuelers or installed in refueling cabinets. The FBO unit can also be used for diesel or gasoline fuel dispensing pumps or as a primary fuel filter/water separator for large diesel engines or as bulk fuel handling, fuel transfer, and other higher flow applications.

## Top-Load Oil Filters *Bulletin No. 7460*

3

Racor's top-load oil filters are permanent assemblies with cartridge elements. 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.

Filter service is from the top of the module and skin contact is minimal due to the unique screw top cap and oil element attachment. The permanent assembly is customized with a patented automatic drain that allows oil to drain back into the sump when the engine is turned off and the screw top cap is removed for service.

## Marine Hose & Fittings *Bulletin No. 7536*

4

Parker Marine Hose is a USCG-rated hose for gasoline, diesel, lube oil and hydraulic systems for commercial and recreational applications.

It is fire-resistant and meets SAE J1527 Type A class 1 and SAE J1942 standards. As you'd expect, it delivers test-proven performance in a wide operating temperature range and constant working pressure. It is of a long-lasting reinforced construction, kink and cut resistant, and compatible with a variety of standard 100R5 fittings.

## Air Filter/Silencer *7480 (Marine Fuel/Air Silencers)*

5

The Racor marine air filter/silencer removes contaminants introduced into the air from both outside and inside the vessel. Sand, salt, carpet fibers and other contaminants are trapped in the oil-impregnated filter media. Turbo noise is reduced by the unique design of the air filter/silencer housing. An integral hose connection on the housing routes the clean blow-by from the CCV back into the engine.

## Diesel Fuel Filter/ Water Separators & Pumps

6

*7480 (Marine Turbine Series & Marine 800 Series)*

When engines demand heavy-duty, high-capacity water separation and fuel filtration, the Turbine Series is the most complete, efficient and reliable engine protection you can install. Symbolizing Racor's continuing commitment to the science of filtration, the Turbine Series has established its position as the filter/separator often imitated, but never equaled. Models that include an aluminum bowl or stainless steel shield meet ASTM FS1201 certification, are UL listed, American Bureau of Shipping, Veritas, Det Norske Veritas, ISO 10088 and U.S.C.G. accepted. For severe service, all-metal bowls should be specified.

## Bypass Oil Filters *Bulletin No. 7763*

7

The Racor Bypass Oil Series removes dirt, varnish, ash, tar, soot and other contaminants that full-flow filters cannot remove from your engine's oil and hydraulic systems. The system also removes condensed water, which forms component-damaging acids if left in the oil.

The Racor Bypass Oil Series removes damaging contaminants to minimize wear and extends engine component life. The Racor bypass element has a 1 micron nominal rating.

## Crankcase Filtration *Brochure No. 7678*

8

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.

## Fuel/Air Separators *7480 (Marine Fuel/Air Separators)*

9

Next time you fill up, watch your fuel vent line. A typical refueling will send up to a half a gallon of fuel spilling overboard. Fuel spillage is not only expensive, it's absolutely deadly to fragile lakes, rivers and waterways. Also, USCG and other regulations prohibit the discharge of oils and violators could face civil and criminal penalties.

Installed in the fuel tank vent line, the Racor Fuel/Air Separator efficiently separates air from fuel forced into the line. Air is vented, and fuel is returned to the tank. The Fuel/Air Separator captures fuel normally discharged due to agitation and thermal expansion (up to 2.4 PSI).

## Spin-On Gas Filters *Bulletin No. 7702*

10

More than ever, today's high-performance gasoline inboard and outboard engines require clean, dry fuel. No matter how carefully gasoline is handled and stored, dirt, rust, gums, algae and water are going to find their way in, and just a few drops can leave you dead in the water.

Racor fuel filter/water separators with Aquabloc II® media remove virtually 100% of damaging water and solids, allowing engines to maintain maximum horsepower and efficiency. Install a Racor mounting head or spin directly onto your engine and improve its performance.

## In-Line Gasoline Filters *Bulletin No. 7702*

11

Racor's In-line Gasoline Filter Series keeps your fuel clean and dry, because having grime and water in your fuel spells disaster.

More than ever, today's high performance gasoline engines require clean, dry fuel. Standard fuel filters simply succumb from normal usage, and don't offer the improved features, durability and peace-of-mind that comes with Racor fuel filters.

Experienced sailors rust their engines, their livelihood, and even their lives to Racor's high quality marine products. Shouldn't you?

## Hydraulic Filters *Bulletin No. 7376*

12

Racor water-absorbing hydraulic filters feature a specially designed media that traps not only solid contaminants like dirt and rust, but damaging water as well. Water absorbing spin-on hydraulic filters are available for virtually any application and are available in a 10 micron nominal rating.

Racor resin-impregnated hydraulic filters include media that traps solid contaminants like dirt and rust as it repels water. Resin-impregnated hydraulic filters are available for virtually any application and are available in a 10 micron nominal rating.

## Additives *Bulletin No. 7518*

13

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.



To access the 7480 (Racor Catalog) online, go to [www.parker.com/racor](http://www.parker.com/racor). On the right side click the link titled "View Catalogs." In the Racor Catalog screen locate the section titled "7480 Marine Fuel Filtration Catalog" and click the "View" tab to the right. When the catalog loads navigate to the appropriate bookmark (i.e. Marine Turbine Series).

To request a bulletin: Send an e-mail request to [racor@parker.com](mailto:racor@parker.com).

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