

Racor Turbine-Style Fuel Filter Elements

What is Aquabloc Filtering Media?

Why is it important?

Racor's proprietary Aquabloc® is the actual "filtering" part of their filter elements.

The Aquabloc® media is a complex, multi-layered blend of high-grade cellulose compounded with synthetic nanofibers which are graded for filtering increasingly smaller particles as the fuel approaches the center (exit point) of the element.

This is combined with a unique, permanent, waterproofing chemical treatment applied to the fibers.

Water will not cling to, nor get absorbed into, the filter media as the Aquabloc® totally repels it, allowing the water to settle and collect at the bottom of the filter housing.

The result is near 100% fuel/water separation and particulate filtering.

Fuel contaminated with water and dirt is the number one cause of diesel engine failure.

Make certain that you replace your Turbine Series filter elements only with genuine Racor Aquabloc® elements.

While many others try to imitate the construction and performance of Aquabloc filters, only the genuine article delivers the fit and performance specified by engine manufacturers and guarantees that your Racor filter and water separator will deliver the protection their reputation is built on.

All this is especially important with modern high-pressure common rail diesel engines which inject fuel at 25,000 to 30,000 psi instead of 3,000 psi like the diesel on your grandfather's boat. Water and contaminants in high pressure fuel systems can easily damage your engine's *expensive* injector pumps and injectors.

Poorly constructed competing filter elements using low quality media, will perform poorly and can get blocked 70% sooner than Aquabloc media. When this happens, they can allow internal bypassing – permitting dirty fuel and water to pass through.

Poor quality filter elements are especially susceptible to damage from biodiesel fuel blends – which are becoming increasingly common. The animal fats and enzymes in biodiesel require a sophisticated pore size sequence in the filter media and can also destroy the element's seals within the service period.

Surprisingly, very few of competing copycat filter elements meet OEM specifications – allowing damaging water and smaller particles to reach the engine.

With an Aquabloc replacement filter, you get a complete kit with all the biodiesel-resistant seals you need.

Always carry extra Racor fuel filters as one tankful of dirty fuel can quickly clog a filter.