The System Advantage

To meet the demanding fuel filtration requirements of the new DD13/15 engines, Racor engineered an ultra high performance three stage primary and secondary depth coalescer filter system into a single module.

Advanced Media Technology

With over 35 years of media development experience, Racor designs filtration systems to meet the most stringent and demanding OEM specifications for durability, efficiency and life. The DD13/15 filters developed by Racor incorporate multiple media formulations to provide unsurpassed water removal performance and particle filtration efficiency: a polyester pre-filter, multi-layered coalescer filter, and a synthetic final filter.

Media Research:

Global engine manufacturers recognize the foundation of a solid filtration system is extensive media research and continuous development. Racor collaborates with the world’s leading media manufacturers to meet customer requirements and bring new filtration systems from initial design to market release. Critical focus areas include matching the specific filter media to the engine efficiency requirements and certifying capacity and durability in actual operating environments. The optimum combination of performance characteristics results in the most effective, most efficient system for the diesel engine application.

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Prefilter
- Protects pump
- Polyester mesh screen
- 100 micron

Depth Coalescing Filter
- Removes undissolved water through four layers of synthetic and cellulose media
- Provides enhanced performance in Biodiesel blends
- Removes 96% of particles larger than 5 micron
- 1st stage of 2 part coalescer system
- Inside-Out flow

Final Filter
- Barrier screen to strip water released from coalescer
- High efficiency synthetic medium for long life and to polish fuel
- Removes 99% of particles larger than 4 micron
- Final stage of 2 part coalescer system
- Outside-In flow

The Entire Filter Package
- Two-stage coalescer system lasts longer and performs better than typical non-depth filtration systems.
- Removes 99% of particles larger than 4 microns.
- Removes 99% of water per SAE J1488
- Long life rated filter system.
- Withstands and performs under the high pressures and temperatures of the DD13/15 engine fuel system environment.
- Green technology through non-metal construction, allowing for compact crushing to minimize disposal space or incineration leaving a minimum of ash.
- Backed by Racor Engineering fuel system expertise.