Experience Uncompromising Quality

Based on specific operating parameters, Cummins Filtration has decades of experience working with both On and Off-Highway customers to reach an efficient and cost-effective design to meet their air filtration needs. All of our eleven manufacturing facilities across five continents comply with the most stringent quality standards and meet industry standards (TS16949, ISO9001, ISO14001) to ensure our products are made with no compromises. As part of the Cummins family, Cummins Filtration strives to be sure our customers receive the most advanced technology, best sourcing and optimal delivery to meet their specific needs, providing an unparalleled competitive advantage. Keep your equipment and investment protected with Cummins Filtration.

Expertise
In Media Technology

Designed to Exceed Specifications
Cummins Filtration is experienced in working to meet customers’ technical specifications for air filtration systems including factors such as media fiber size, shape, pore size, thickness, resisted and mechanical strength to name a few. These specifications play a critical part in ensuring our products meet the maximum filter capacity and life possible for each application. Capable of controlling numerous variables of the media we produce at a higher level than ever before, Cummins Filtration is able to manipulate our own media to optimize the performance levels of many products we produce.

Specialized Media for Specialized Environments
It’s no secret that one type of media can be significantly more effective than another depending on the operating conditions in which it is used even if the difference in efficiency appears to be marginal. In order to meet customer demands, Cummins Filtration media are designed for high performance in the harshest of environments, all in accordance with OEM specifications and SAE/ISO standards.

Approaching Design
With the Science of Filtration

Cummins Filtration is committed to providing excellent support for all of our customers around the world. And that commitment does not stop once a sale is made. Our service offerings extend the value you receive when you buy a quality Cummins Filtration product far beyond the point of sale. From our website and online portal to our customer assistance centers around the globe, the support and information you need is only a click or call away.

Give us a call at 1-800-22FILTER (1-800-223-4583) or visit us at cumminsfiltration.com

Nothing Guards Like Fleetguard.

Support
And Information 24/7 Around the Globe

Quality in everything we do.
Fleetguard Direct Flow™
Versatility & Performance in One Package

OptiAir™ Media Technology
With its unique design, OptiAir delivers higher air flow, lower restriction and greater capacity than conventional radial seal filters as a result of 2 major design innovations:

Together they deliver improved performance from the filter element:

- Up to 50% Improved Performance to Size Ratio by utilizing the joint spacing and peak depth of the filter element.
- Up to 65% More Outlet Area allowing for higher flow rates with lower restriction.

Design Flexibility
OptiAir housings, which come in both all composite or hybrid composite and metal configurations, provide design flexibility allowing customization for varying needs.

Design options include 360° flexible mounting, multiple outlet configurations and a pressure tap for easy filter restriction gauge installation.

Easy to Service
For easier service, the OptiAir has a Mono Latch Twist Lock™ Cover with Multi Locking Positions which help to reduce overall maintenance time.

Complete Coverage & Protection
OptiAir technology delivers higher air flow, lower restriction and greater capacity than conventional radial seal filters as a result of 2 major design innovations:

- Up to 30% More Effective Media Area by optimizing the pleat spacing and peak depth of the filter element.
- Up to 65% More Outlet Area allowing for higher flow rates with lower restriction.

All options include an integrated precleaner, secondary element and a dual seal design for additional protection from particulates and moisture.

Fleetguard Direct Flow Media Technology
The proven integrated Fleetguard Direct Flow technology utilizes highly optimized, off-gas media arrays in a rectangular "V-Block" configuration which optimizes the space normally wasted in the inner diameter of a cylindrical air filter. This unique design provides improved performance over conventional products, including:

- Up to 50% Improved Performance to Size Ratio by utilizing more media than cylindrical systems.
- Greater than 99.97% Efficiency Over Filter Life resulting in improved service intervals.
- Improved Design Flexibility allowing for mounting in locations not suitable with conventional designs.

Versatile Design
Available in flow ranges from 160-1250 CFM (5.10 - 36.81 m3/min), Fleetguard Direct Flow is available in both composite and hybrid composite and metal designs which provide product strength and design flexibility for applications in both low and high dust environments.

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- Up to 50% Improved Performance to Size Ratio by utilizing the joint spacing and peak depth of the filter element.
- Up to 65% More Outlet Area allowing for higher flow rates with lower restriction.

OptiAir technology covers a complete range of options for both on and off-highway applications up to 1300 CFM (3.74 m3/min) in the composite design, and up to 1600 (4.51 m3/min) in the hybrid design.

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NanoForce™ Air Filters
A New Alternative in Superior Air Filtration

The Cleanest Engine Air
NanoForce™ AF879NF and AF899NF air filters deliver the cleanest combustion air possible for large construction and mining engines. NanoFilter, when combined with newly enhanced pleating and pleat stabilization, delivers superior air filter performance for superior engine protection and low cost of equipment operation.

99.97% (2.1g)
99.98% (1.4g)
99.99% (0.7g)

Vials illustrate 3X more dust may reach the engine through a filter with 99.97% efficiency vs. NanoForce filter with 99.99% efficiency.

Leveling the Dusty Battle Field
In the world of large off-highway equipment, small particles can quickly bring productivity to a halt. Due to the use of air pre-cleaners, the typical primary air filter is challenged with capturing dust particles in the 0-5 micron size range. These tiny dust particles wreak havoc on pistons, rings, liners and many other engine parts. NanoForce filters combat tiny particles at a submicron level, removing and retaining the particles before they reach engine components.

NanoForce nanofibers are significantly smaller in diameter than a coarse human hair. The nanofibers work together with the base cellulose media to provide the most advanced air filtration engine protection available in the industry today.