

Air Cleaners



PowerCore® An industry-changing air filtration system, PowerCore systems are more compact at a given performance level than standard pleated filters, and are used under the hood in on-road trucks and in many off-road applications.



PowerPleat™ This lightweight, plastic two-stage air cleaner provides a flexible solution for a wide variety of applications, from lawn maintenance equipment to heavy-duty excavators.



RadialSeal™ We pioneered RadialSeal technology for air filtration more than 20 years ago, when we created a superior seal and vibration-resistant interface between the air cleaner and filter.

Axial Seal

Axial Seal A traditional air cleaner workhorse, axial seal systems are still prevalent on job sites and in on-road functions. An axial seal relies on compression, usually a wing nut or latched cover, to form an air-tight seal.

Air Filters



Donaldson Blue® air filters offer the best technology for improved efficiency and enhanced engine and equipment protection. Users will also benefit from reduced maintenance costs and increased equipment uptime.



Donaldson air filters deliver superior protection for heavy-duty off-road and on-road equipment with a full line of premium filters, including those with PowerCore® filtration technology.



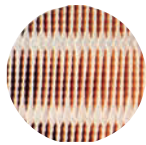
Donaldson Competitive Fit filters are manufactured as high-performing replacement filters for other manufacturers' air intake systems.

Air Filter Features — Seals, Media, Beading, Liners

Technological advancements add up to big performance advantages.

Pleatloc™ media spacing

Ensures uniform pleat spacing, keeps filter media from bunching during operation and promotes longer filter service life.



Heavy-duty liners

Corrosion resistant, coated steel liners support the filter media during operation and maximize airflow.

Beading

Applied to filter liners, beading is designed to stabilize the media and prevent pleat tip wear.

Unique shapes

PowerCore® air filters come in a wide range of sizes and shapes, including these panel filters that fit in tight under-the-hood applications.



RadialSeal™ filter seals

RadialSeal filters provide a tight critical seal that also slip easily on and off the outlet tube during installation and service. This design eliminates the separate gaskets used with metal end cap filters.



Axial filter seals

Strong, pliable gasket ensures a leak-free seal when properly installed. The gasket won't harden or deteriorate over the useful life of the filter.

Straight-through air flow

PowerCore® air filters feature patented straight-through air flow that allows for reduced filter size and increased dust and soot holding capacity in a non-metal construction.

Donaldson Blue[®] Air Filter Technology

Air Filters with Ultra-Web[®] and Ultra-Web[®] HD

Donaldson Blue[®] premium air filters with Ultra-Web[®] and Ultra-Web[®] HD nanofiber technology protect engines by providing better initial and overall efficiency compared to conventional cellulose media.

- Advanced fine fiber filtration technology
- Invented by Donaldson
- Engineered to perform in extreme temperature and humidity conditions, unlike ordinary nanofibers
- Optimized fiber structure and fiber diameter so it's stronger and lasts longer in all environmental conditions
- High efficiency
- High capacity — holds more contaminant for longer filter life
- Identifiable by the blue media color
- Proven — used in diesel engines for more than two decades
- Ultra-Web HD provides even greater efficiency for heavy-duty, heavy-dust environments — like mining

Donaldson
BLUE

Donaldson Replacement Air Filters

A higher standard for air filters

Our company founder, Frank Donaldson, designed and built the first air cleaner and filter for a heavy duty engine in 1915. Since then, nearly every significant innovation in air cleaner technology has been led by Donaldson. Today our air filters are setting new standards in filtration quality, coverage and performance – with filters that fit our own air cleaners and those manufactured by others. When you choose Donaldson air filters, you get performance that's anything but standard.

Competitive Fit Air Filters

Raising the bar for air filters

We manufacture replacement filters for popular air intake systems that meet or exceed application requirements.

Please see the Competitive Fit section, beginning on page 14, for details on replacement filters for Fleetguard[®] Direct Flow[™], Fleetguard[®] OptiAir[™], Mann+Hummel[®] Europiclon[®].

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Mann+Hummel[®] and Europiclon[®] are registered trademarks of Mann+Hummel[®]



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