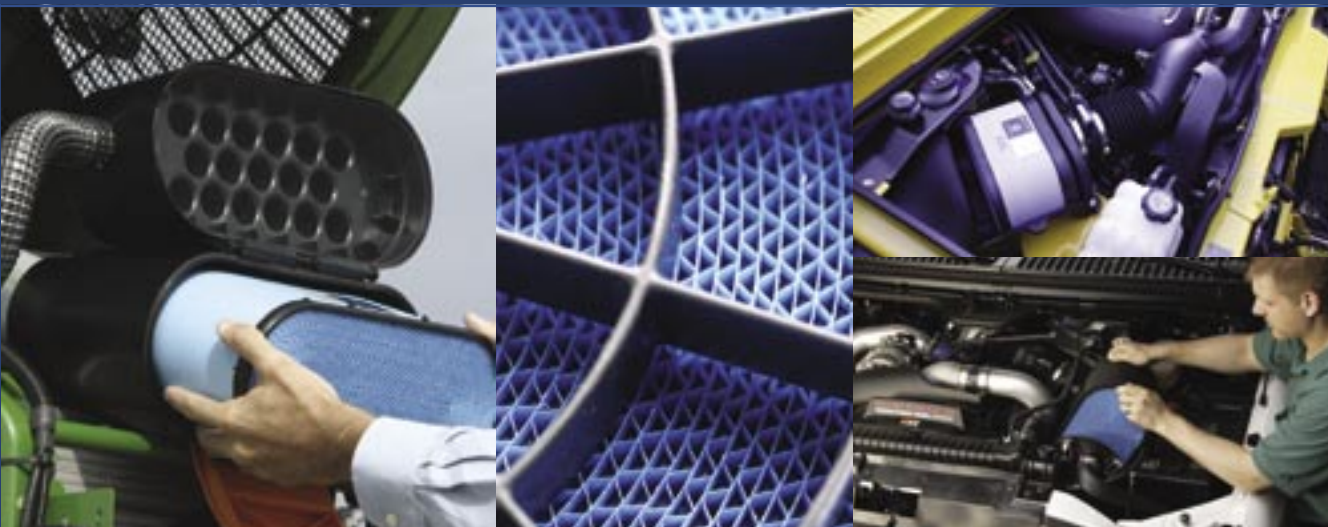




## Donaldson PowerCore™ Filtration Technology



TECHNOLOGY

**A compact air filter  
that outperforms the others!**



**PowerCore™**  
A DONALDSON FILTRATION TECHNOLOGY

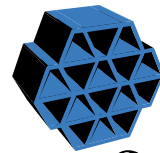
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F111112 (11/04)

Donaldson

## PowerCore™ filters are right for today's design and tomorrow's innovation.

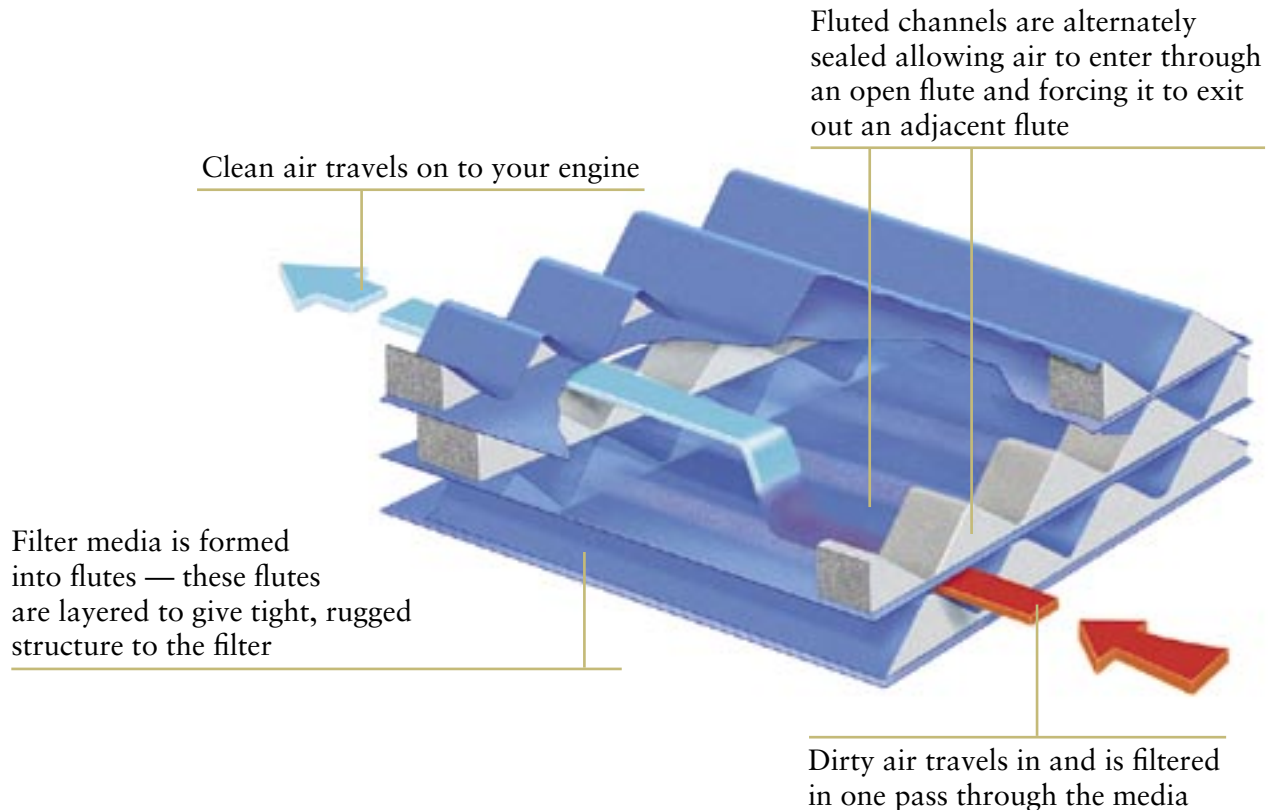
The design of the U.S. and internationally patented housings, filters and filter media are key to Donaldson® PowerCore Filtration Technology (additional patents pending).

Donaldson PowerCore filters come in a variety of shapes and sizes.



**PowerCore™**  
A DONALDSON FILTRATION TECHNOLOGY

## Check out the filter innovation that's changing engineering expectations.



*Like Never Before!*

# Peak Air Filtration Performance in Less Space



**PowerCore Filter**

**Conventional Filter**

*PowerCore filters, using patented Ultra-Web® nanofiber filtration, are 10 times as efficient and are more compact at a given performance level than standard, pleated cellulose filters.*

# Engine Protection in All Conditions *Like Never Before!*

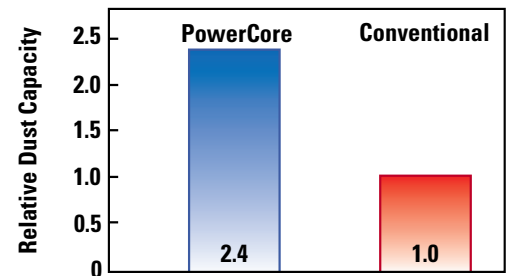


*PowerCore  
filters in round  
and racetrack  
configurations*

**PowerCore filtration technology's straight-through fluted filter design offers all these benefits for users — no matter what configuration they need.**

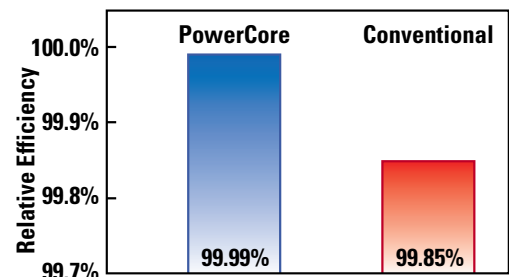
- **Improved efficiency:**  
PowerCore is 10 times more efficient than average conventional filters
- **Improved engine protection:**  
no media movement, expansion, contraction or bunching, with less dust and dirt passed on to the engine
- **Improved contaminant encapsulation:**  
dust and dirt won't dislodge during servicing
- **Improved handling and maintenance:**  
lighter and smaller, changing filters is a snap
- **Improved disposal ease:**  
no metal, incinerable

## Dust Holding Capacity



*Gain over 100% more dust holding capacity in a given volume.*

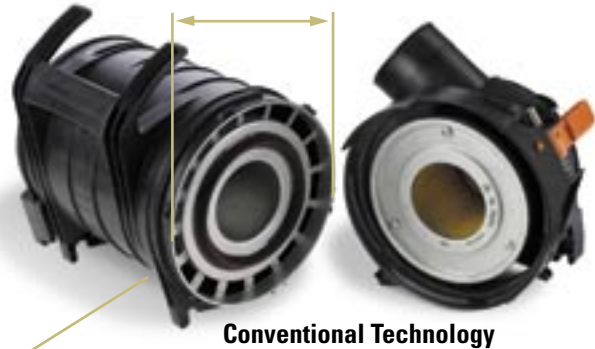
## Overall Efficiency



*Improved filtration efficiency.*

*Innovative vehicle designs call for new engineering solutions plus know-how from your suppliers. We have both — and are ready to help you solve your space or configurations problems.*

With Donaldson brand PowerCore filtration technology you get equal or better performance in significantly less space, the freedom to design unique configurations to fit tight spots, and overall design simplicity.



*Traditional filtration technology using a conventional cellulose filter.*

*Revolutionary PowerCore filtration technology features equal or better performance in a smaller size, straight-through air flow and easily-replaceable filters.*



**PowerCore Technology**

*Like Never Before!*

# Know-how and the Right Technology

## **Purchasers! Please take note.**

*When your design engineers request PowerCore Filtration Technology, you will gain:*

- **Donaldson reliability:**  
backed by nearly a century of innovation and experience — Donaldson supplies air filters to almost every manufacturer
- **Customer service:**  
Donaldson has a service network of independent distributors and OE dealer locations in North America and around the globe
- **Lower shipping and inventory costs:**  
our filters are lighter and take up less shelf space
- **Worldwide supply chain capability:**  
Donaldson has the expertise to ensure a constant supply of products to meet the demands of our worldwide customers

*Donaldson is the key to new ideas in filter technology.*

*Call us soon or visit our web site at*

*[www.donaldson.com](http://www.donaldson.com)*

# *In This New Age of* Manufacturing Expectations... Donaldson has the Answer.



## **You've got Donaldson PowerCore™ Filtration Technology on your side.**

Tomorrow's streamlined vehicle designs and hotter running engines mean less space under the hood and outside the cab to serve the demand for greater horsepower and less emissions.

Donaldson PowerCore filtration technology lets you cut space without reducing performance.

### **Straight-through Air Flow**

- **Reduced space needs** — by as much as half that of a conventional filter
- **Maximum air filter design flexibility**
- **Increased dust and soot holding capacity**

### **PowerCore Air Filters**

- **Easier and cleaner to service**
- **Lighter**
- **Formed into parallel fluted tubes**
- **Rugged construction**

*Contaminants stay inside the filter —  
and won't drop back into an  
unprotected air filter housing.*



*Intake systems with PowerCore provide superior filtration with less restriction in a fraction of the space.*

# Donaldson Delivers *Space Saving Ideas*

Donaldson is the leading worldwide provider of filtration systems and replacement parts. Our innovative filtration solutions, in fact, help protect everything from equipment and engines to the environment. Our products include air and liquid filters and exhaust and emission control products for mobile equipment, in-plant air cleaning systems, specialized air intake applications such as computer disk drives, aircraft passenger cabins and semiconductor processing.



Make Donaldson your single source for air, fuel, exhaust, lubrication and hydraulic filtration solutions. For information about these products, talk to your Donaldson representative. Call us or visit our web site at [www.donaldson.com](http://www.donaldson.com).



## Donaldson®

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