Donaldson
FILTRATION SOLUTIONS

DFPRE SERIES PLUG & PLAY DUST COLLECTORS

DFPRE

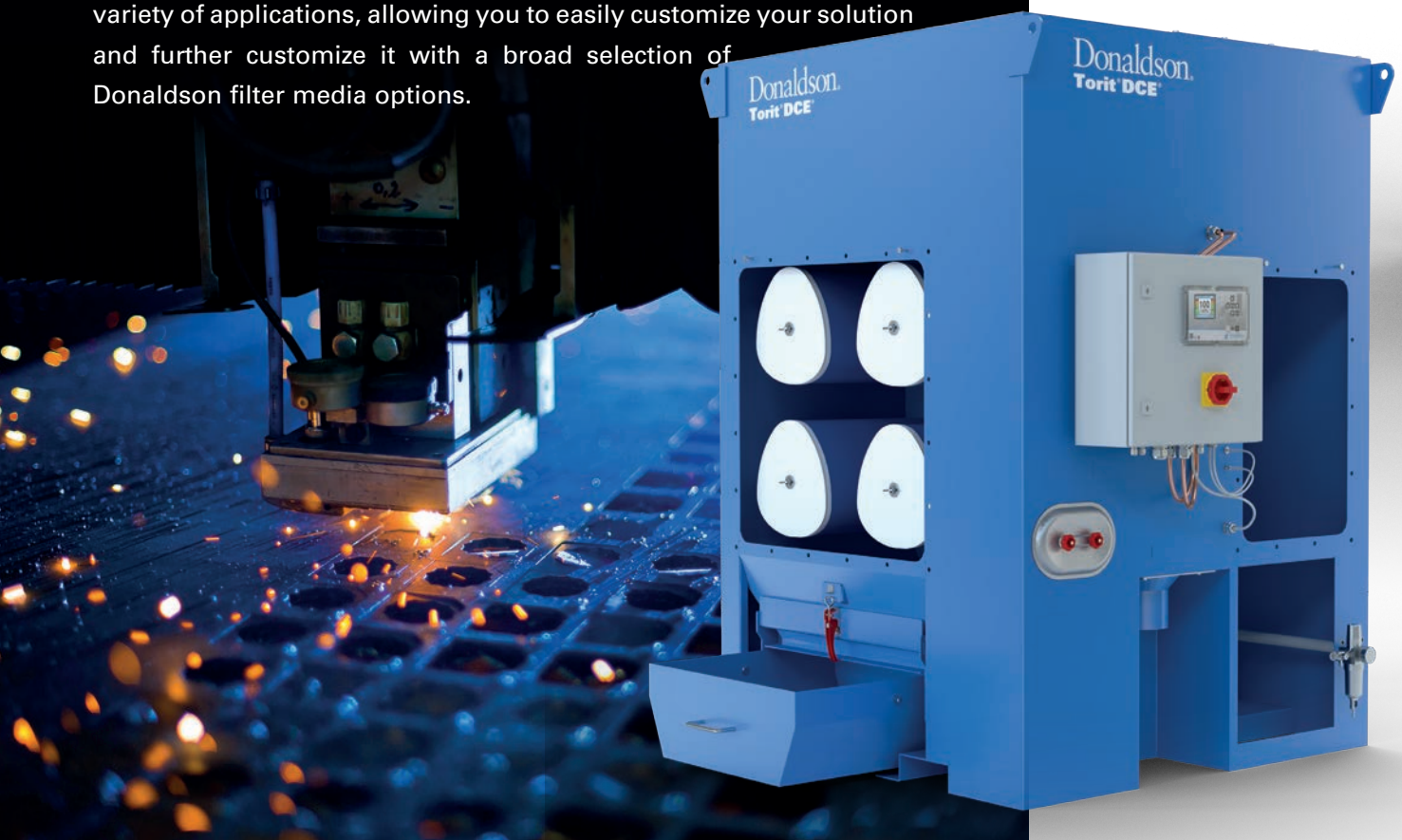
PLUG & PLAY
DUST AND FUME COLLECTORS

The DFPRE was designed as a turnkey system to answer the industry demand for a compact, convenient and reliable filtration system that can maximize production uptime. The result is a highly adaptable, modular and easy-to-install dust collector with unrivaled filtration performance – delivering operational confidence in today's advanced manufacturing environment.

Built on more than 20 years of successful performance of the DFPRO, our next generation DFPRE Plug & Play dust and fume collector series offer a more efficient, compact and economical solution that can effectively support continuous manufacturing processes. This new powerful filtration system is equipped with our unique trigonal Evolution cartridges that are specifically designed for improved pulse cleaning, which results in increased airflow per cartridge and superior performance. This means less production downtime, and reduced energy consumption, operating and maintenance costs for your business.

With its more efficient cartridge filters and advanced downward airflow, the DFPRE system has fewer cartridges for the same filtration power, reducing filter replacement costs, maintenance and floor space requirements. This compact unit is easier to transport, relocate and install: It comes pre-assembled and requires minimal set-up.

The DFPRE is a flexible and modular product designed for a wide variety of applications, allowing you to easily customize your solution and further customize it with a broad selection of Donaldson filter media options.



PLUG & PLAY

A complete dust collection system that ships assembled for easy installation and operation

FLEXIBLE DESIGN

Easily customized modular design adaptable for many applications and special operational needs

COMPACT UNIT, SMALLER FOOTPRINT

New generation cartridge design allows for a smaller, more compact unit for maximum space utilization, easy transport and less cartridges, which also means lower maintenance and operational costs

SIMPLE AND RELIABLE

High quality and dependable product with straightforward installation and maintenance

SMART PERFORMANCE TRACKING

iCue™ Connected Filtration Service for supporting efficient maintenance and operation, providing intelligent insights to maximize predictive and minimize preventative maintenance

DISCOVER HOW ICUE WILL BENEFIT YOUR BUSINESS ON DONALDSON.COM/CONNECTEDSOLUTIONS

QUALITY & EXPERTISE YOU CAN RELY ON

For over 100 years, Donaldson has helped solve some of the world's most complex filtration challenges.

We pride ourselves in producing efficient, high quality and reliable products that will help support modern day manufacturing processes.

You can always rely on Donaldson's advanced technology, extensive portfolio of filtration products, and unrivaled customer support to help you meet your unique operational needs.

FEATURES & BENEFITS

COMPLETE PLUG & PLAY SOLUTION

The DFPRE dust collectors are compact units with a small footprint that come preassembled and pre-wired. Shipment, transportation and installation of this product is truly effortless.

HIGHLY ADAPTABLE, MODULAR DESIGN

The DFPRE series is designed to perfectly fit your unique operational needs and fully adapt to your manufacturing process thanks to its highly adaptable nature.

You can thoroughly customize your unit with several different options and features including but not limited to:

Full Range of Fan Sets • Dust Disposal Systems • Hopper Clearance • Indoor/Outdoor • Roof Panels • Inlet Boxes • Full range of filter media • Compressed air - Oil/Water Separators and other accessories • and much more!

NEXT-GENERATION DESIGN FOR SUPERIOR PERFORMANCE

The DFPRE series features Donaldson's latest solutions that include enhanced downward airflow design, triagonal filter shape, and industry-leading Ultra-Web® filtration media.

FOR A WIDE VARIETY OF INDUSTRIES

- FOOD & BEVERAGE
- INDUSTRIAL PROCESSING
- METAL & MACHINING
- MINING & MINERAL PROCESSING
- PHARMACEUTICALS
- WASTE & RECYCLING

SEE DFPRE IN ACTION!

For a direct link to the DFPRE video
scan the QR Code or visit DONALDSON.COM/DFPRE

SHAPE MATTERS

The unique trigonal design allows the DFPRE to achieve a higher dust collection capacity while using fewer cartridges. This reduces your operational expenses by saving manufacturing space and reducing the number of filters to maintain. DFPRE filters are highly efficient while having a smaller size, making filter maintenance quick and easy.

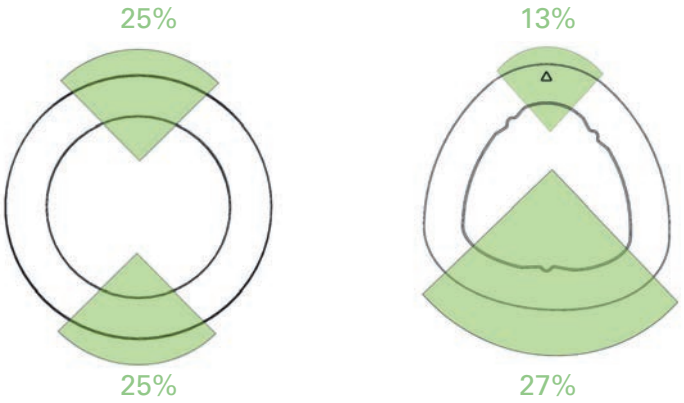
UNIQUE DESIGN

THE UNIQUE & ADVANCED DESIGN

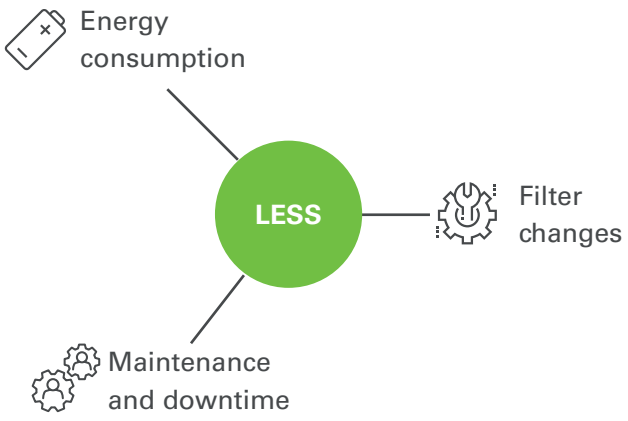
of our trigonal cartridges is the technology that warrants the DFPRE's superior performance and customer benefits.

POSITIONING MORE FILTER MEDIA

at the bottom of the cartridge, the trigonal shape allows for more dust to be accumulated on the bottom of the filter and is helped by gravity to achieve superior pulse cleaning performance.



Efficient pulse cleaning helps increase the lifespan of a cartridge, helping you to lower your operational costs due to:



DFPRE CARTRIDGE FILTERS

Our extensive range of filtration media means can help further adapt your DFPRE according to your particular manufacturing requirements.

ULTRA-WEB®

Featuring proprietary nanofiber technology, Ultra-Web® cartridges provide unequalled filtration efficiency. This advanced surface filtration technology ensures longest.

- Premium performance on ambient, extremely fine and non-fibrous dust and some abrasive dust.
- High filtration efficiency on very fine particulate under 1 micron.

Feature options (can select multiple)
Earthed | Flame Retardant | SpunBond | Anti-Static | No Liner | Stainless Steel

FIBRA-WEB®

Fibra-Web filters feature a wide pleat spacing designed to improve the efficiency of pulse cleaning of fibrous and agglomerative particles.

- Excellent performance on combination fibrous and non-fibrous dust, and/or agglomerative dust.
- High filtration efficiency on very fine particulate under 1 micron.

Feature options
Earthed | Flame Retardant | Stainless Steel

THERMO WEB®

Designed for high-temperature applications, Thermo-Tek cartridges have a proprietary media that offers exceptional filtration efficiency. Special heat-resistant construction and gaskets maintain seal strength and integrity at temperatures up to 135°C (275°F).

KEVLAR® / NOMEX®

Proprietary blends of two high temperature synthetic fibers, these cartridge filters are specially designed for high temperature dry applications such as metallurgical, chemical and industrial applications.

- Exceptional filtration at temperatures up to 177°C (350°F)
- Excellent abrasion resistance
- Very good chemical tolerance

TORIT-TEX®

With a high tolerance for moisture, Torit-Tex cartridges provide exceptional filtration efficiency.

- Wide pleat spacing and a smooth, hydrophobic, state-of-the-art ePTFE membrane ensure excellent particle release.
- Highly recommended for chemical, food and industrial processing when product contamination must be minimized.
- Excellent performance on moist, hygroscopic or agglomerative dust.

Feature options
Earthed | Anti-Static

To find the right filter media for your application, check out our Media Selection guide on donalson.com

Industry-Leading Technology

- Advanced filtration technology for optimal performance
- Reduced energy consumption and cost of ownership
- Advanced design and testing capabilities

The Most Filters and Parts

- For every brand and style of collector
- Wide range of filtration media for any application
- 90,000 filters and parts in stock and ready to ship

Unparalleled Support

- Live technical specialists
- Comprehensive pre- and post-sale support
- 40 manufacturing plants and 14 distribution centers worldwide

Significantly improve the performance of your collector with genuine Donaldson replacement filters & parts.
To learn more about the Donaldson Filtration Solutions, visit donaldson.com or contact us

Donaldson
FILTRATION SOLUTIONS

Donaldson, your single filtration source

Donaldson offers a complete range of solutions and services designed to improve your productivity, guarantee production quality and help protect the environment while reducing energy consumption and total cost of ownership.

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Discover our range on **www.donaldson.com**
Shop for filters the easier way at **shop.donaldson.com**
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