

DFPRO™
Powerful.
Compact.
Oval.



Introducing Donaldson DFPRO

Oval Filters make filtration more efficient, compact and cost-effective than ever before. Only available from Donaldson, the new DFPRO3 and DFPRO4 collectors are expertly engineered with our proprietary high performance oval-shaped cartridge filters and patented Ultra-Web® filter media to provide the most efficient, easy-to-maintain filtration systems in footprints that conserve valuable manufacturing floor space.

Equipped with an integral high efficiency spark trap for fume collection and easily adapted for dust collection applications, DFPRO is the most reliable and versatile collector for the laser cutting market. And no other collector is as easy to install and maintain, making DFPRO the best collector to complete a production system.

Powerful Compact Oval

DFPRO offers:

- **Compact design**
- **High performance oval cartridge filters**
- **Ultra-efficient filter media**
- **Better cleaning efficiency**
- **Lower pressure drop spark trap**
- **Easy-access filters**
- **Easy maintenance**
- **Fast, easy installation**
- **Quiet operation***

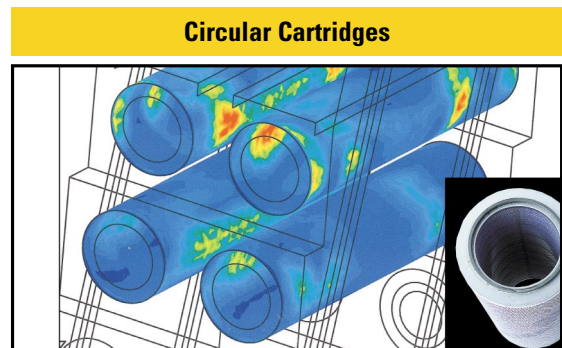
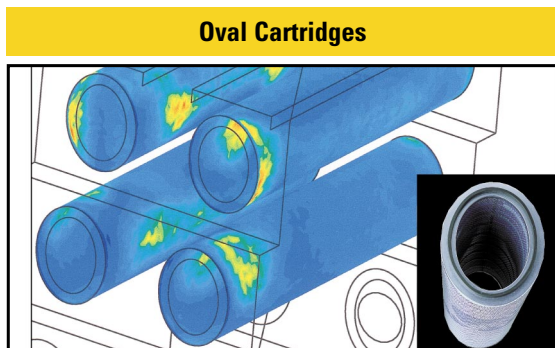


*Max fan noise level: 65dB (A)

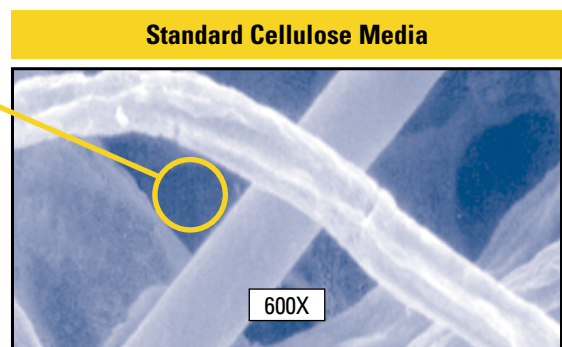
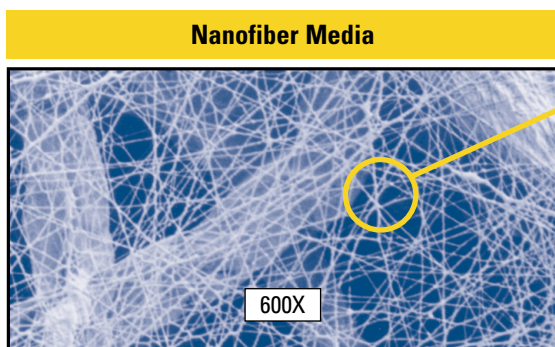
Perform Like A PRO With Oval Filters

For innovative filtration, turn to the PRO. Donaldson's DFPRO. No other collector combines high performance technology with a compact design to deliver unparalleled filtration efficiency and value. Increased airflow capacity lets you drop down a size in the collector while maintaining capacity or increase airflow with a same-sized collector. Designed with hinged-door access to filters on two sides, DFPRO fits into corners, requires no extra wiring and easily connects to ductwork.

Oval Cartridges Developed using computer-modeling technology, Donaldson's unique oval-shaped cartridge filters provide more airflow capacity and last longer than traditional circular cartridge filters. Sophisticated Fluent® airflow modeling software revealed that oval-shaped cartridge filters have fewer areas of high velocity (red areas), resulting in a lower potential for media abrasion and increased filter life.



Ultra-Web Filter Media Engineered with proprietary nanofiber technology, Ultra-Web filter media traps more contaminant on the surface of the filter for easier release and expulsion than conventional depth-loading cellulose, polyester or cellulose/polyester blend media.



10
micron

600X

600X

Features And Options

Rely on the world leader in innovative filtration solutions—Donaldson—for fume collectors that keep laser cutting systems performing at their peak. With more than 85 years of engineering experience and the most extensive sales and service network throughout Europe, our technical expertise and dedication to our customers is unmatched. Experience the future of fume filtration performance and productivity with Donaldson's DFPRO.

Standard Features for DFPRO3 and DFPRO4

- Integrated spark trap
- Integrated damper valve
- High volume bin
- Integrated controller and fan set (range of 5 fan sets available)

Equipment Options for DFPRO3 and DFPRO4

- Roof outlet flange or slide gate
- Door for dust disposal
- Range of inlet spigots
- Inline cyclone dust collector

DFPRO Dimensions [m]			
Unit	W	D	H (max.)
DFPRO3	1,3	1,4	2,1
DFPRO4	1,4	1,4	2,1



Donaldson
Filtration Solutions

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