

Donaldson®  
Torit®

**FILTRATION TECHNOLOGY**  
PHARMACEUTICAL, NUTRACEUTICAL,  
& COSMETIC INDUSTRIES



# THE CLEAN AIR PRESCRIPTION



Donaldson is a trusted supplier of industrial air filtration, providing effective solutions for pharmaceutical, nutraceutical and cosmetic processing applications. Our filtration expertise, wide breadth of product offerings, and unrivaled product support help you optimize filtration performance and reduce long-term cost of operation. We offer an extensive range of first-fit and aftermarket products and services to assist in keeping your process running efficiently, from incoming materials all the way through to packaged goods.

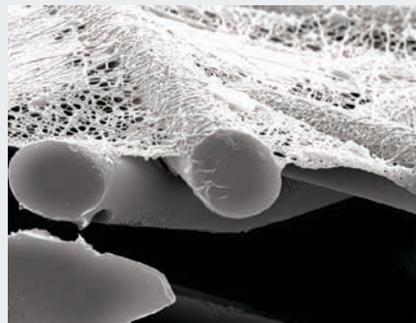
## EXTENSIVE FILTRATION EXPERTISE

Advance your processing with a high-performance downward air pattern dust collector installed at every stage of production. No matter what type of pharmaceutical, nutraceutical or cosmetic powders you process, Donaldson is the name to trust for cleaner manufacturing.



### Full Range of Leading Dust Collection Options

The Downflo® Series and other Donaldson dust collectors are dependable workhorses in the pharmaceutical, nutraceutical and cosmetic industries.



### Ultra-Web Fine Fiber Media

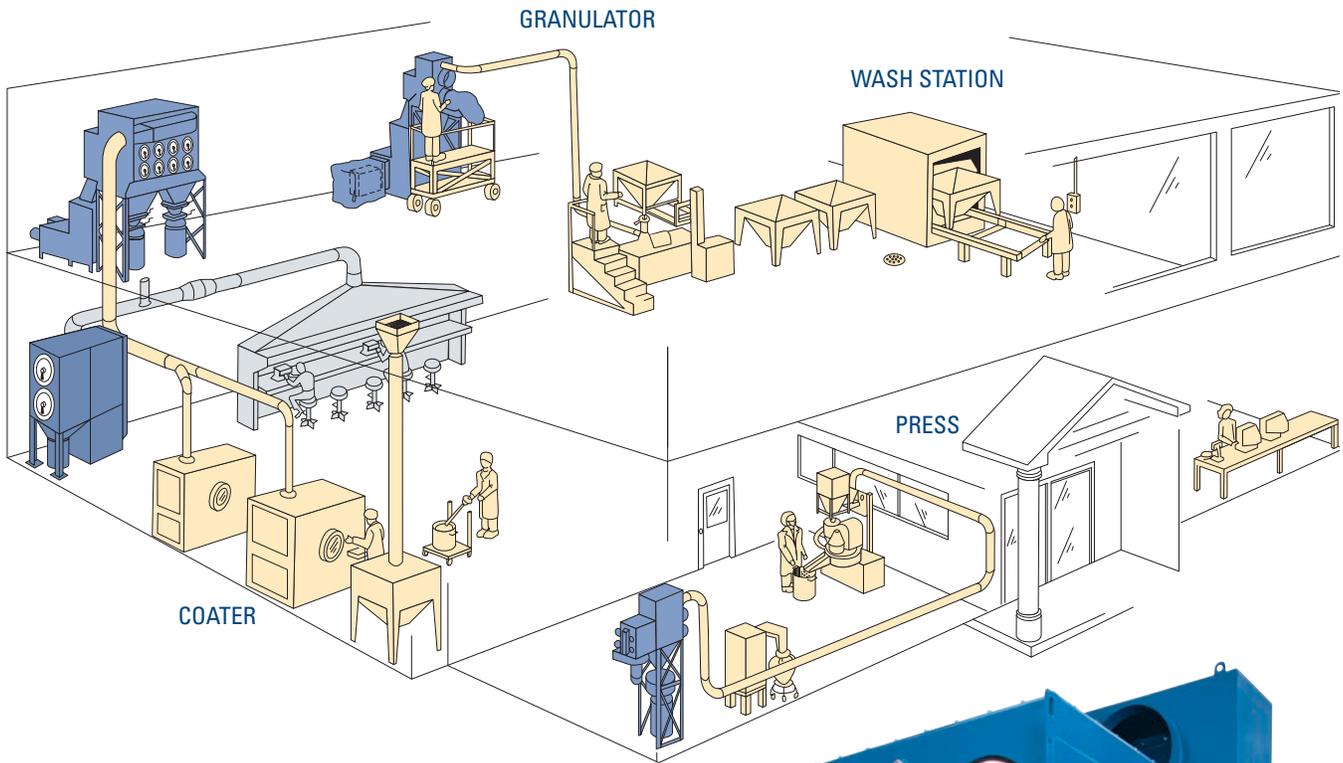
Ultra-Web® media has a web of fine fiber on the outer layer, which increases surface loading ability, improves pulse cleaning effectiveness, lowers pressure drop and extends filter life.



### Combustible Dust Mitigation

We work with you to support your fire and explosion prevention and protection strategies.

# COMMON SITES OF DUST COLLECTION IN PHARMACEUTICAL, NUTRACEUTICAL, AND COSMETIC APPLICATIONS



## DOWNFLO EVOLUTION DUST COLLECTOR

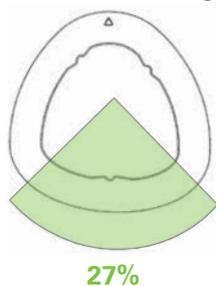
**Evolutionary Design** The performance of the Downflo® Evolution family of cartridge dust collectors is the result of decades of work to produce a best-in-class dust collector capable of reducing equipment size and number of filters required. This collector, coupled with Donaldson's industry-leading Ultra-Web® fine fiber technology, is truly an intelligent design.

**Revolutionary airflow management** directs incoming air to an intelligent dropout zone for reduced filter loading.

**Industry-leading filtration design** positions more filtration media in beneficial locations and ensures easy, leak-free installation with Ultra-Web MERV 15 media.

**DFE triagonal filter** has more filter media at the bottom of the cartridge element than other cartridges on the market.

**MaxPulse™ Cleaning System** delivers 27% more cleaning energy to filtration media.



DOWNFLO EVOLUTION DUST COLLECTOR

# CLEAN CHANGE CONTAINMENT

The Donaldson **Clean Change System**—a triple-sealed, Bag-In/Bag-Out (BIBO) design delivers ease of use and dust containment. The external filter collar configuration separates the BIBO bags from the dirty air plenum so they are not subject to nicks, cuts, or tears from process abrasion. This results in a more reliable system that helps minimize worker exposure to potent dust.

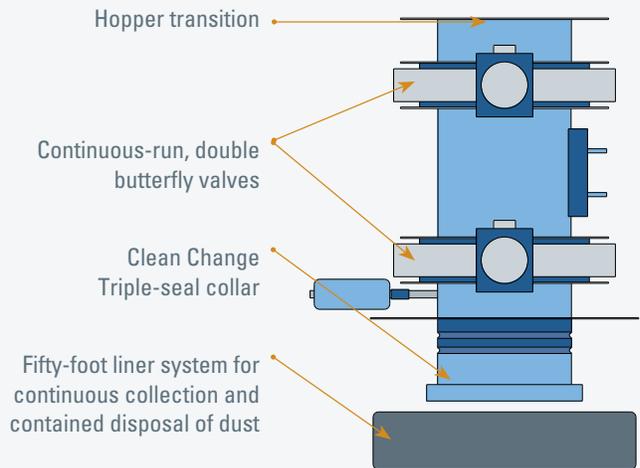
## BAG-IN/BAG-OUT FILTER ACCESS



## CLEAN CHANGE HOPPER DISCHARGE

Donaldson provides a continuous liner option for discharging compounds from Downflo® Collectors. This option effectively contains potent compound dust for continuous process production. With optional lengths, our system helps reduce exposure to dust.

The continuous liner system attaches directly to the hopper outlet for ease of maintenance. This also provides the advantage of replacing follow-on packs without interrupting operations.



Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts. **Call Donaldson Torit at 800-365-1331.**

### Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.



Donaldson Company, Inc.  
Minneapolis, MN  
[donaldson.com](http://donaldson.com) • [shop.donaldson.com](http://shop.donaldson.com)

**North America**  
Email: [donaldson@donaldson.com](mailto:donaldson@donaldson.com)  
Phone: (USA): +1-800-365-1331 • (MX): +1-800-343-36-39

**Australasia**  
Email: [marketing.australia@donaldson.com](mailto:marketing.australia@donaldson.com)  
Phone: +61-2-4350-2000  
Toll Free: (AU) +1800-345-837 • (NZ) +0800-743-387

F118030 ENG (06/21) Pharmaceutical Market Brochure ©2013-2020 Donaldson Company, Inc. Donaldson, Torit, Downflo, Ultra-Web, MaxPulse, and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners.

**China**  
Email: [info.cn@donaldson.com](mailto:info.cn@donaldson.com)  
Phone: +86-400-820-1038

**Donaldson Europe B.V.B.A.**  
Email: [IAF-europe@donaldson.com](mailto:IAF-europe@donaldson.com)  
Phone: +32-16-38-3811

**India**  
Email: [info.difs@donaldson.com](mailto:info.difs@donaldson.com)  
Phone: +91-124-4807-400 • +18001035018

**Japan**  
Email: [jp-nl.lifsw@donaldson.com](mailto:jp-nl.lifsw@donaldson.com)  
Phone: +81-42-540-4112

**Korea**  
Email: [iaf-kr@donaldson.com](mailto:iaf-kr@donaldson.com)  
Phone: +82-2-517-3333

**Latinoamerica**  
Email: [IndustrialAir@donaldson.com](mailto:IndustrialAir@donaldson.com)  
Phone: +52-449-300-2442

**South Africa**  
Email: [SAMarketing@donaldson.com](mailto:SAMarketing@donaldson.com)  
Phone: +27-11-997-6000

**Southeast Asia**  
Email: [IAFSEA@donaldson.com](mailto:IAFSEA@donaldson.com)  
Phone: +65-6311-7373