



INDUSTRIAL AIR FILTRATION
AFTERMARKET PRODUCTS & SERVICES
**FULL PRODUCT
LIFE CYCLE SUPPORT**



DONALDSON SOLUTIONS THROUGHOUT YOUR BUSINESS

PRODUCTS FOR EVERY APPLICATION



CARTRIDGES



- Are engineered with proprietary, higher performance industrial air filter media.
- Provide the highest level of **worker safety, environmental protection** and **regulatory compliance**.

- Available for Donaldson dust collectors and for other major brands, models, sizes and styles of non-Donaldson collectors.



- An extensive range of filter media is available to meet **most application** requirements. A media selection guide is available in this brochure.
- Our Ultra-Web® cartridge filters with **nanofiber technology** provide the **highest operating efficiencies** of particles on the surface of the media while allowing efficient dust release and **prolonging filter life**.

THERMAL CUTTING

WELDING

MINERALS

METALWORKING

Donaldson offers you an **integral AfterMarket support** for all dust collectors on site. We bring value by supporting and maintaining your dust collectors through their full life cycle.

For **Donaldson filtration units** we offer genuine filter elements and unit replacement parts and service to guarantee perfect design performance.

For **non-Donaldson units** we offer replacement filters for all major brands, models, sizes and styles of collectors to take your production performance to the next level.

POWERCORE PACKS



- Exclusive **Ultra-Web® nanofiber technology**.
- **Superior, market-leading** filtration performance.



- **Unique and compact design to maximize floor space**
- Better **efficiency** with more **performance** and fewer emissions. PowerCore traps more dust on the surface of the media flutes – down to submicron size – than conventional filter bag materials such as depth-loading 540 g/m² polyester.
- **Exceptional** performance on fibrous dust types
- **Reduced** maintenance time
- Surface loading greatly promotes **filter cleaning**
- Better pulse cleaning results in **lower pressure drop and energy use**



PANELS



- Available for Donaldson dust collectors and for other major brands, models, sizes and styles of non-Donaldson collectors.



- Variety of panel filters in **spunbonded media**.
- Spunbonded polyester media comes with **nanofiber or ePTFE** membrane technologies.
- Provides **three times the surface filtration area** when compared to other conventional fabric filters.

BAGS



- Designed to the highest tolerances for the **most demanding production applications**.
- The **unique** operating principle of the bag contributes to **excellent dust release**.



- **Suitable** for high dust loading applications, high moisture levels and high temperatures.
- Better **filter cleaning efficiency**, which **increases** life expectancy.
- **Wide range** of filter bag materials available for all applications.
- **Dura-Life** hydroentangled polyester, **ePTFE** laminated and Nomex media fabrics are offered for long filter life.



PLEATED BAGS

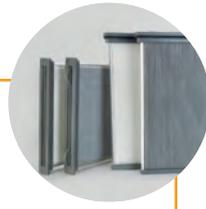


- **Half the size** of a typical filter bag but contains at least two times the filter media.

- Compared to standard bags, **one-piece construction with built-in cores** replaces both filter bag and supporting metal cage.
- Combines the superior performance of Ultra-Web® nanofiber technology with pleated technology.



- **Eliminate abrasion** and dust-bridging, main causes of filter failure and **extend filter lifetime** up to three times.
- Ensure **faster and easier maintenance** with less dust exposure on service personnel.
- Drastically **cut downtime costs and unplanned shutdowns**.
- **Reduce** hidden costs in your **energy bill**.
- **Boost efficiency** and **production performance**.



OIL MIST CARTRIDGES



- Uncollected coolant and machining oil mist can cause slippery floors and collect on machines, walls and ceilings, creating an unpleasant, high-maintenance working environment. Oil mist cartridges **help protect the health** of employees and ensure **correct function of equipment**.

- **Media technology** that offers both **performance** and **efficiency**.



- More **productive** work environment by **reducing** coolant and oil mist and removes **submicron contaminants**.
- Quick and **easy** filter changes: **minimal** operator contact with the collected oil.
- **High** performance three-stage filtration improves recovery efficiency.
- **Predictable** maintenance.
- The **WSO oil mist cartridges** are engineered with revolutionary **Synteq®XP** filter media for superior draining, resulting in lower pressure drop and longer filter life.



UNPARALLELED TECHNOLOGY

Our innovative products set the standard in filtration technology. Donaldson offers a full range of filters for almost any dust, fume and oil mist collection application.

Donaldson bag and cartridge filters, panels and filter packs keep dust collectors operating at peak performance, while providing significant energy cost saving.

Especially our PowerCore® filter packs, Ultra-Web® cartridge filters with nanofiber filter media and Dura-Life® bag filters outperform and outlast all others.

UNPARALLELED SERVICE AND SUPPORT

We are here to serve you by providing:

- **A full filter element offering.** With hundreds of varieties to choose from, Donaldson offers a broad selection of filters for all major brands of collectors.
- **Knowledgeable support.** Our After-market sales representatives and specialists help you to select the best filter for your application.
- **Quick delivery.** All in-stock filters and parts are shipped immediately out of our European Distribution center.
- **Easy Access.** Shop for filters the easier way at shop.donaldson.com

REPLACEMENT PARTS

We offer a full selection of our genuine unit replacement parts to guarantee the high performance of your unit, as originally designed.

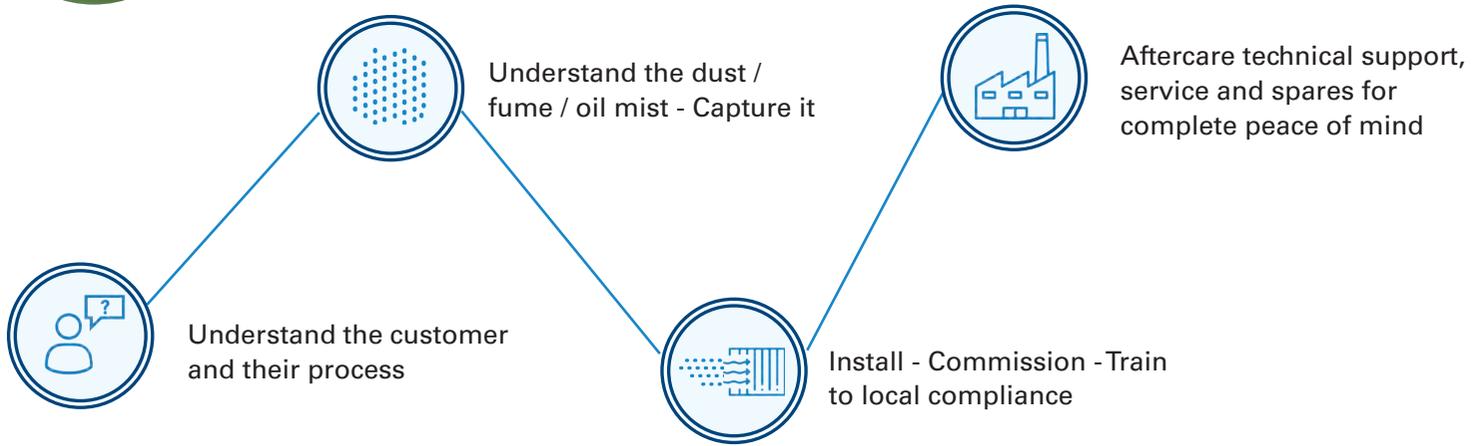


HOW DO WE WORK?



OPERATE SAFELY & SUSTAINABLY

We are committed to safety in the workplace, being good stewards of natural resources and reducing our environmental impact.



SERVICE

MAINTAINING THE PERFORMANCE AND SECURITY OF YOUR FILTRATION SOLUTION

Filtration equipment is an essential part of your operation. Dust, Fume and Mist collection systems are installed to protect your employees, your business and the environment - in a safe controlled manner whilst enhancing production performance.

To maintain their designed performance, these systems need to be regularly checked and serviced.

The cost of a poorly maintained filtration solution can be dramatic for your business - problems can range from an increase in energy usage, compressed air consumption, to unplanned maintenance interventions and unexpected process downtime.

A good regime of preventive maintenance and regular servicing will help lower your total cost of ownership and ensure the continuity of operations.

BENEFITS OF DONALDSON SITE SERVICE PACKAGES

- Expertise in dust filtration technology and media
- Fully trained and qualified service engineers
- Local service capability of a global organization
- Comprehensive service offering from a single source, simplifying processes and reducing administration costs
- Donaldson Genuine filter media and components

DONALDSON SERVICE HELPS YOU TO:

- Avoid unplanned down time
- Optimize production
- Protect employees, production and the environment



INSPECTION



COMPLETE ON
SITE SERVICE



REPAIR



SERVICE KIT
WITH RECOMMENDED
REPLACEMENT PARTS



REPORT



CONSULTATION

ICUE™ - SIMPLIFYING DUST COLLECTOR MAINTENANCE

The iCue™ Connected filtration service enables remote monitoring of dust collection equipment to achieve optimal operational performance available for both new and existing equipment.

WHAT DOES ICUE™ TRACK ?

The gateway is magnetically mounted on the dust collector. Donaldson's connected filtration service iCue offers a variety of sensors that allow operators to track important parameters in your facilities, such as:

- Differential pressure
- Compressed air pressure
- Other optional sensor : Particulate trend monitoring, Hopper Plug, Temperature and Humidity etc.
- The relative air flow



BENEFITS

COST REDUCTION	INCREASED EQUIPMENT AVAILABILITY	SUPPORTS REGULATORY COMPLIANCE	RISK REDUCTION
<ul style="list-style-type: none"> • Optimize filter changes • Reduce maintenance operations & cost 	<ul style="list-style-type: none"> • Plan downtime for maintenance operations • Proactively solve problems • Prevent unintentional shutdown of equipment 	<ul style="list-style-type: none"> • Automate reports • Historical data of filter performance • Digital maintenance history 	<ul style="list-style-type: none"> • Manage the installed dust collector fleet more efficiently • Support for the proper functioning of the installations • Smarter processes for a cleaner factory

IT'S WHAT IS ON THE INSIDE THAT MATTERS

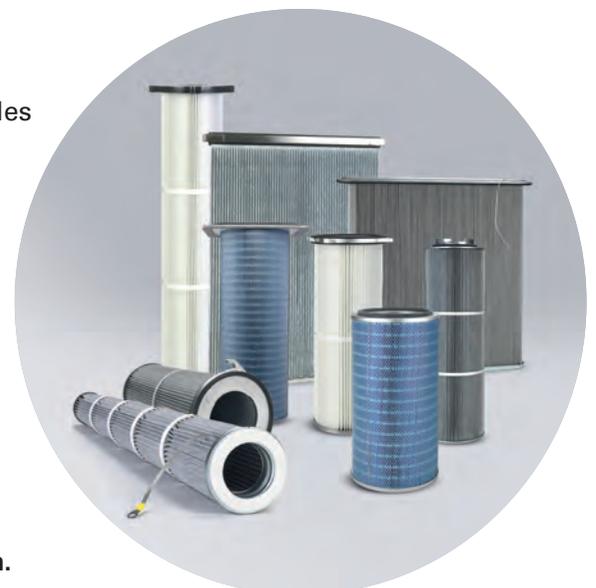
UPGRADE YOUR SYSTEM WITH DONALDSON SUPERIOR FILTRATION

We provide replacement filters for all major brands, models, sizes and styles of collectors to take your production performance to the next level.

SO, WHAT IS THE DONALDSON DIFFERENCE WITH OTHER BRANDS OF REPLACEMENT FILTERS?

Donaldson's Premium Filtration Media. Our innovative technologies, including the proprietary Ultra-Web nanofibre media, provide an unmatched combination of higher efficiency, longer filter life and lower energy consumption.

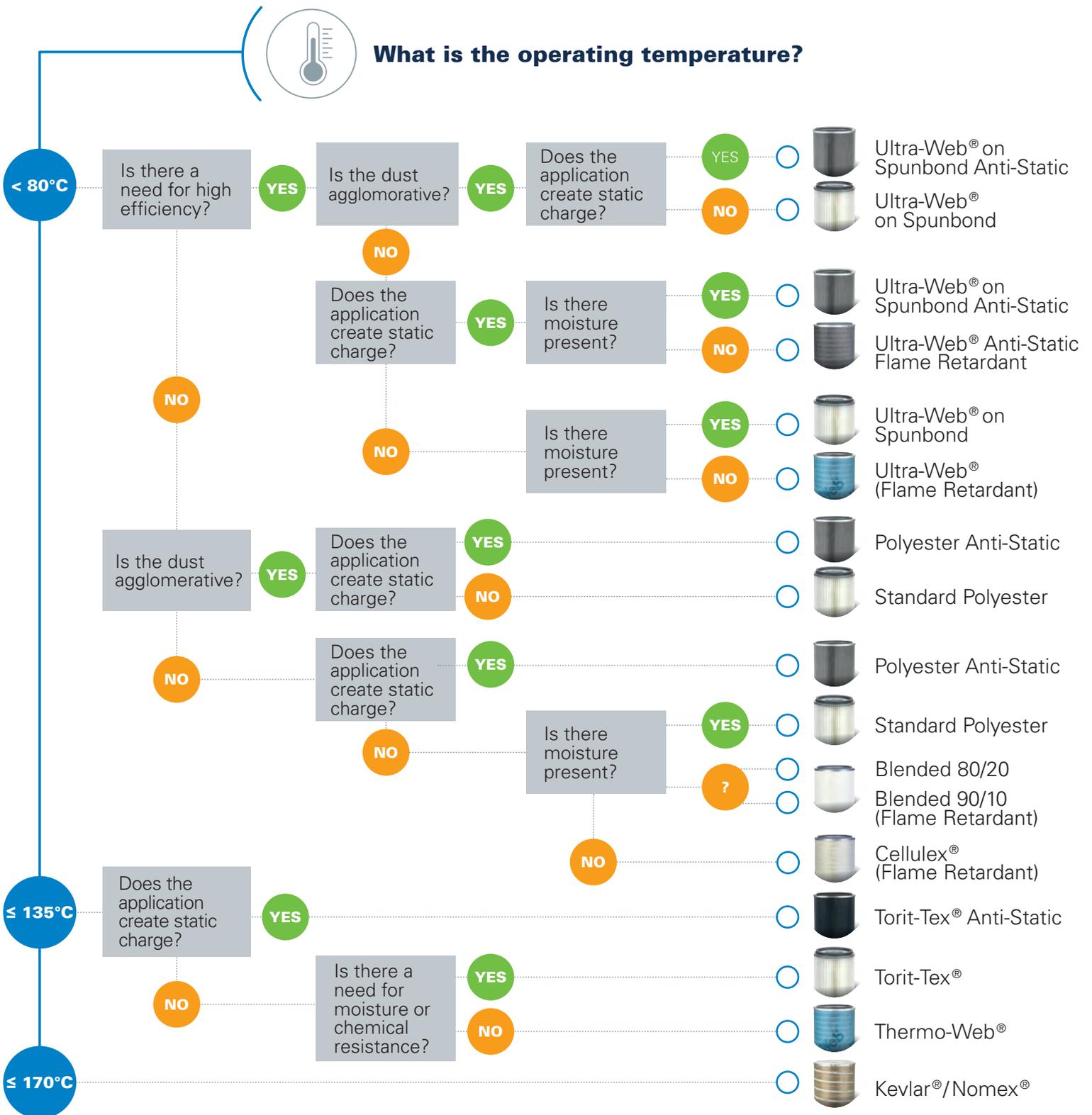
No matter what make your filtration unit is, you can count on Donaldson.



QUICK GUIDE FOR MEDIA SELECTION FOR CARTRIDGE FILTERS



What is the operating temperature?



Disclaimer: This media selector indicates the recommended media, however, specific applications and environmental conditions might require a different media selection. Additionally in order to comply with ATEX directive it can be required to use a different media than mentioned in the chart. Please consult your explosion protection document to make sure the selected media has the correct properties for your safety plan



LET US BE THE FILTER EXPERT TO SUPPORT YOU

Discover our range on www.donaldson.com
 Shop for filters the easier way at shop.donaldson.com
 Contact us on iaf-europe@donaldson.com