



Donaldson Blue® Filters with  
**Ultra-Web® HD Media**

THE **BEST**  
JUST GOT **BETTER**



Donaldson®  
**BLUE**

# DONALDSON BLUE® AIR FILTERS WITH **Ultra-Web® HD Media**



Calling your work-site “dusty” is a monumental understatement. Dust is ever-present. It gets into everything. If you let it, it could slow you down; or worse yet, shut you down. But you can’t let that happen – and we can help.

There’s a new defense in the war on dust. Donaldson Blue filters for SSG, SRG and STG air cleaners now feature a revolutionary NEW media called Ultra-Web® HD.

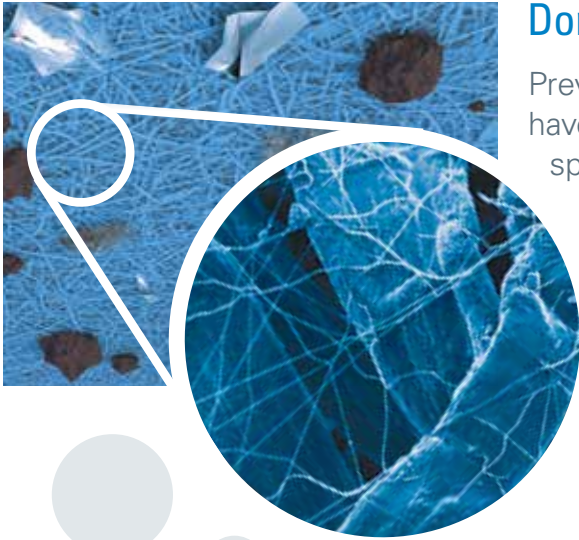
## **HD for Heavy-Duty. HD for Heavy-Dust.**

Donaldson invented Ultra-Web media technology more than 30 years ago and we were the first to introduce the technology to engine air filtration. Now we’re raising the bar in filtration performance with the release of Ultra-Web® HD, designed specifically for heavy-duty, high-dust environments.





# DONALDSON BLUE<sup>®</sup> AIR FILTERS WITH **Ultra-Web<sup>®</sup> HD Media**

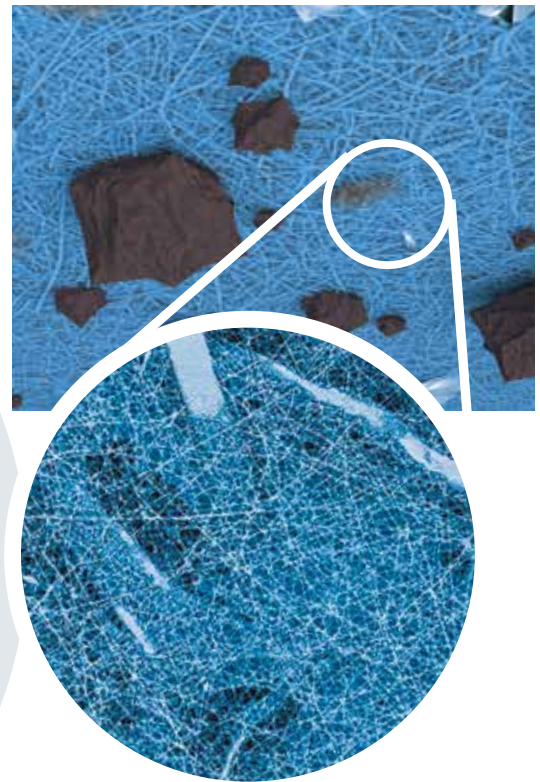


## Donaldson Blue<sup>®</sup> with Ultra-Web<sup>®</sup>

Previous generations of fine fibers and cellulose media have larger overall fiber size, fewer fine fibers and larger spaces between them, allowing fine dust to penetrate further into the media, resulting in higher restriction and lower capacity. These media types suit many applications, however, for ultra-fine dust in heavy quantities like those encountered on mine sites, Ultra-Web<sup>®</sup> HD media is the best choice.

## Donaldson Blue<sup>®</sup> with Ultra-Web<sup>®</sup> HD

While traditional Ultra-Web<sup>®</sup> media will protect your equipment in harsh environments, Ultra-Web<sup>®</sup> HD has been developed for use in extreme fine dust environments. It's the fine-fiber technology that makes this filter such a strong performer. Donaldson's Ultra-Web<sup>®</sup> HD media creates consistent inter-fiber spacing at a microscopic level. Because these fibers are so small and strong, we can add more of them to the critical ultra-fine fiber layer without creating additional restriction. The result is a filter that delivers everything required to combat dust ingress, providing ultra-long life and ultra-high efficiency.

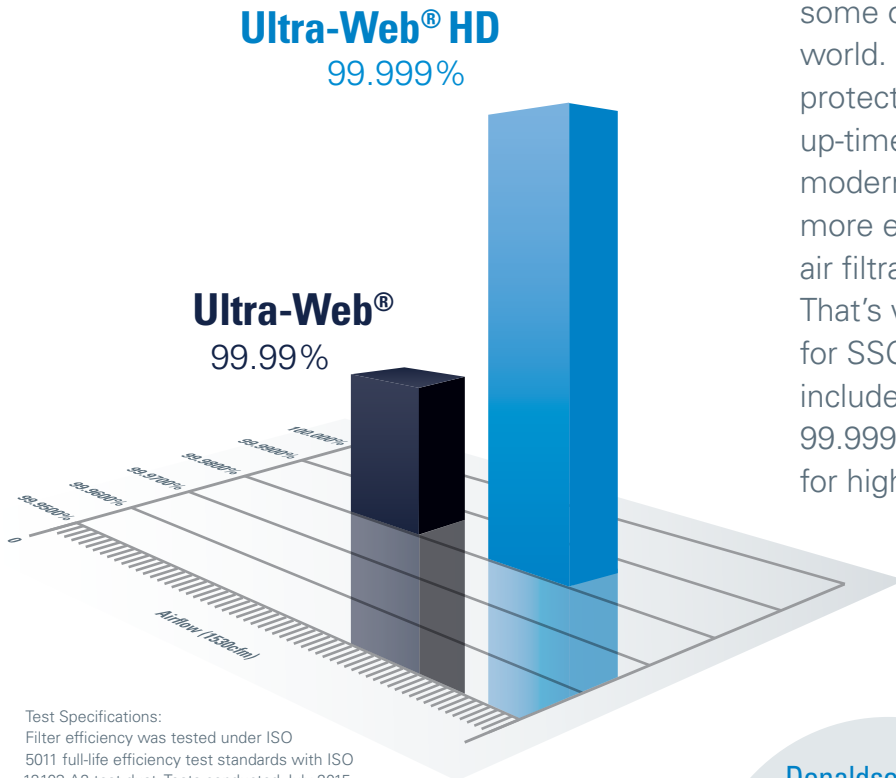


Enlarged top views of media both shown at 1000x magnification



# GREAT NEWS FOR SSG, SRG AND STG AIR CLEANERS

## The Power of 99.999%



Test Specifications:  
Filter efficiency was tested under ISO 5011 full-life efficiency test standards with ISO 12103-A2 test dust. Tests conducted July 2015 – February 2016 with a sample size of nine filters per filter media.

Valuable mining equipment is subject to some of the harshest conditions in the world. Reliable air filtration is key to protecting engines and maximizing vehicle up-time in high-dust environments. Because modern engines are more sophisticated and more expensive, we've developed improved air filtration technology to help you protect it. That's why all Donaldson Blue® filters made for SSG, SRG and STG air cleaners will now include Ultra-Web® HD media. With up to 99.999% efficiency, it's the best protection for high-dust applications.

Donaldson Blue®  
with Ultra-Web® HD

**7.5x**

less dust than  
previous generation  
fine fibers

Donaldson Blue®  
with Ultra-Web® HD

**40x**

less dust than  
standard cellulose  
media

## DOES 9/1000ths REALLY MATTER?

Higher levels of contamination in engine air may result in accelerated wear and ultimately, premature component failure.

**HIGHER EFFICIENCY =  
BETTER ENGINE PROTECTION**



**Ultra-Web® HD**  
Up to 99.999%  
Filtration Efficiency  
0.01 gram dust



**Ultra-Web®**  
Up to 99.99%  
Filtration Efficiency  
0.1 gram dust



**Cellulose**  
Up to 99.9%  
Filtration Efficiency  
1 gram dust

This illustration represents the relative amount of dust particles that pass through air filters to the engine.

# GREAT NEWS FOR YOUR WORK SITE

## Filters that **REGENERATE**

Ultra-Web® HD media is built with a fine-fiber layer on the exterior, which promotes dust loading on the surface of the media; rather than dust embedding deep within the media. This surface loading feature works to your advantage because this “dust cake” will shed under equipment vibration and be discharged through the air cleaner’s Vacuator™ Valves. This results in less dust (weight) becoming lodged deep within the media, and because of the regeneration action of combined surface loading and vibration, promotes longer filter life.

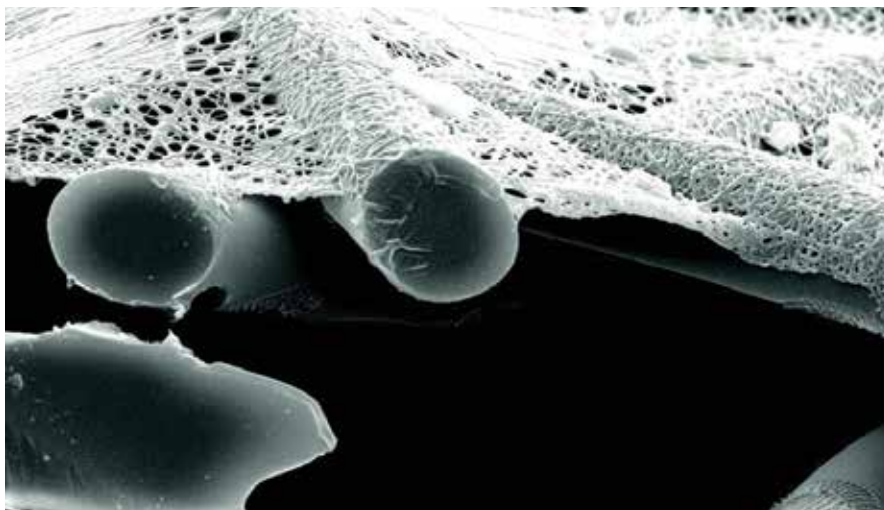
### SURFACE-LOADED ULTRA-WEB® HD



Ultra-Web® HD media is loaded with ISO fine dust. Dust particles collect on the surface of the media and vibrate off with equipment use – allowing the filter to last longer.

**Ultra-Web® HD**  
**OUTPERFORMS**  
**AND OUTLASTS IN**  
**Heavy-Duty, High-Dust**  
**environments**

### ULTRA-WEB® HD UNDER EQUIPMENT VIBRATION



# THE PROOF IS IN THE PERFORMANCE

## Ultra-Web® HD OUTPERFORMS

### DONALDSON STG AIR CLEANERS

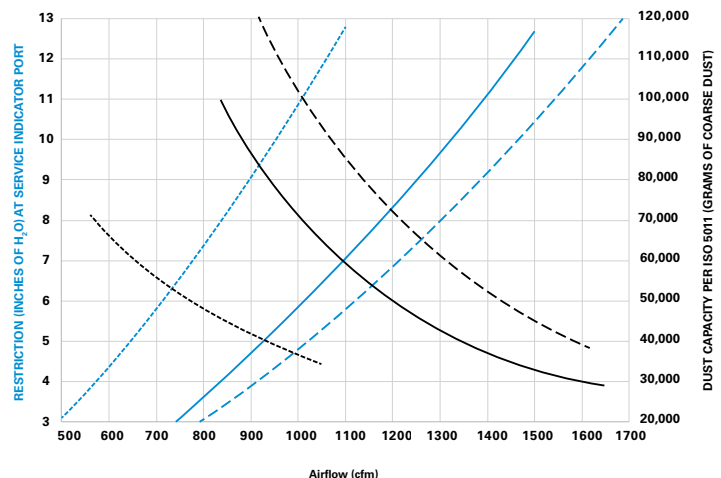
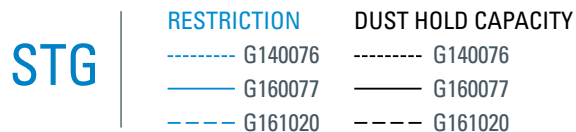
	G160077	G140076	G161020
<b>FILTER SPECIFICATIONS</b>	<b>DBA7039</b>	<b>DBA7041</b>	<b>DBA7042</b>
<b>Media Type</b>	Ultra-Web® HD	Ultra-Web® HD	Ultra-Web® HD
<b>Efficiency – Element</b>	99.999% ISO Fine	99.999% ISO Fine	99.999% ISO Fine
<b>Dust Loading – System</b>	68,000g ISO Coarse	55,000g ISO Coarse	81,500g ISO Coarse
<b>Initial Restriction – System</b>	6" H <sub>2</sub> O @ 1015 CFM	6" H <sub>2</sub> O @ 710 CFM	6" H <sub>2</sub> O @ 1127 CFM

### DIMENSIONAL SPECIFICATIONS (WITHOUT GASKETS)

<b>Outer Diameter</b>	352mm	307mm	373mm
<b>Inner Diameter</b>	241mm	196mm	263mm
<b>Length</b>	457mm	406mm	610mm
<b>Pleat Depth</b>	51mm	51mm	51mm

## AIR CLEANER SYSTEM PERFORMANCE

The restriction numbers (shown in inches of water) indicate the approximate initial restriction of each air filter at that cfm. If there are two air cleaner models that fit your parameters, choosing the one with the lower restriction will provide longer filter service life. Dust capacity curves shown at 25" H<sub>2</sub>O.





## DONALDSON SRG AIR CLEANERS

G200008

G200013

DBA7038

DBA7040

Ultra-Web® HD

Ultra-Web® HD

99.999% ISO Fine

99.999% ISO Fine

117,500g ISO Coarse

107,000g ISO Coarse

6" H<sub>2</sub>O @ 1700 CFM

6" H<sub>2</sub>O @ 1780 CFM

447mm

447mm

281mm

310mm

586mm

586mm

76mm

64mm

## DONALDSON SSG AIR CLEANERS

G200086

G200088

DBA7152

DBA7153

Ultra-Web® HD

Ultra-Web® HD

99.999% ISO Fine

99.999% ISO Fine

122,600g ISO Coarse

138,350g ISO Coarse

6" H<sub>2</sub>O @ 1780 CFM

6" H<sub>2</sub>O @ 2100 CFM

451mm

451mm

291mm

291mm

611mm

743mm

64mm

64mm

### SRG

RESTRICTION

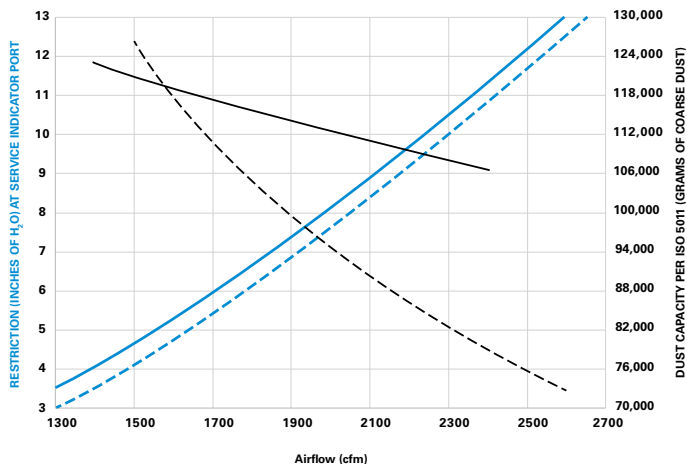
— G200008

- - - G200013

DUST HOLD CAPACITY

— G200008

- - - G200013



### SSG

RESTRICTION

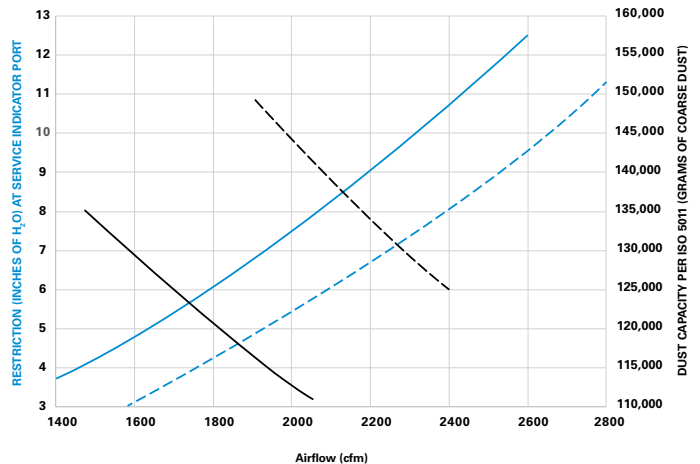
— G200086

- - - G200088

DUST HOLD CAPACITY

— G200086

- - - G200088



# A NEW STANDARD IN CLEAN AIR

## SSG, SRG and STG with Ultra-Web® HD

Ultra-Web® HD media is now STANDARD on **Donaldson Blue®** air filters for Donaldson SSG, SRG and STG air cleaners.

DONALDSON BLUE® WITH ULTRA-WEB® HD	REPLACES DONALDSON PART	DONALDSON STANDARD PART	PRIMARY APPLICATION
<b>DBA7038</b>	DBA5038	P181038 / P182038	Donaldson SRG20, SRG29 Air Cleaner
<b>DBA7039</b>	DBA5039	P181039 / P182039	Donaldson STG16 Air Cleaner
<b>DBA7040</b>	DBA5040	P181040 / P182040	Donaldson SRG20, SRG29 Air Cleaner
<b>DBA7041</b>	DBA5041	P181041 / P182041	Donaldson STG14 Air Cleaner
<b>DBA7042</b>	DBA5042	P181042 / P182042	Donaldson STG16 Air Cleaner
<b>DBA7152</b>	DBA5152	P608306	Donaldson SSG20, SSG29 Air Cleaner
<b>DBA7153</b>	DBA5153	P609519	Donaldson SSG20, SSG29 Air Cleaner

Finding your Donaldson filter online has never been easier.



### DISCOVER.

Looking for a complete filtration system or advice on choosing the right filter option? Go online to **donaldson.com** to learn about the broad range of filtration solutions offered by Donaldson – and to help you decide which option is right for your application.

### DECIDE.

If you're an equipment owner that needs to purchase filters and parts – it's easy to find the right Donaldson part, make an online shopping list and even request a quote from one of our distributors. We make finding filters *easier than easy* at **shop.donaldson.com**.



Donaldson Company, Inc.  
Minneapolis, MN

[donaldson.com](http://donaldson.com)  
[shop.donaldson.com](http://shop.donaldson.com)

**North America** 800-374-1374  
**Mexico, Latin America, & Caribbean** 52-449-300-2400  
**Brazil** 55-11-4894-6339  
**Europe** 32-16-38-3811  
**South Africa** 27-11-997-6000

**Southeast Asia** 65-6311-7373  
**Greater China** 86-400-650-0610  
**Japan** 81-42-540-4112  
**Korea** 82-2-517-3333  
**Australasia** 61-02-4350-2033  
**India** 91-124-4807-400

Brochure No. **F111434 ENG (3/21)**

© 2021 Donaldson Company, Inc. All rights reserved. Donaldson Company, Inc. reserves the right to change or discontinue any model or specification at any time and without notice. Printed in the U.S.A.