

# Pre-Cleaners

## TopSpin™ Pre-Cleaner

### Can Maximize Your Intake System Extends Filter Life in Extremely Heavy Dust Conditions

Donaldson TopSpin™ will extend main element life, boost system efficiency and extend engine life!

The see-through unit lets you view Donaldson TopSpin™ in operation.

### Features

#### Separates up to 85% of incoming contaminant per ISO 5011/SAE J726

- Greatly extends air filter life.
- Reduces air filter usage.
- Lowers cost per operating hour.
- Automatically ejects mixed debris.
- Separates more than 99% of 20 micron and above particles.

#### Operates at a lower RPM

- Less noise.
- Longer bearing life.
- Lower restriction.

#### Self-cleaning/self-scavenging

- No maintenance to clean bowl.
- No exhaust ejector required.

#### Easy installation

- Quick installation.
- One clamp to tighten.
- No wires or power requirements.

#### Dual mounted bearings

- More robust design.
- Extends bearing life.

#### Lighter Weight

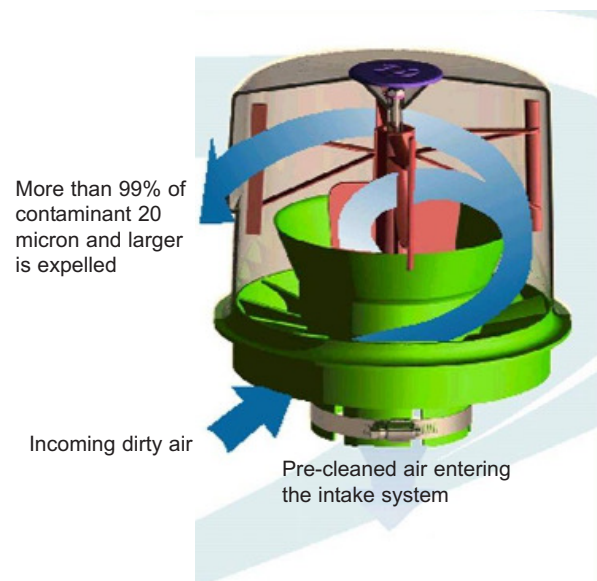
- Lighter than competitive pre-cleaners.
- Lighter than Donaldson full-view pre-cleaner.

### Application

- For engine airflows of 2,2 to 42,5 m<sup>3</sup>/min.
- Primarily used in medium- to heavy-dust environments.
- Great for off-road vehicles & equipment from crawler tractors to farm tractors to skid steer loaders.
- Recommended mounting:  
on top of the engine intake stack.



Donaldson TopSpin™ mounted on a grader. The aerodynamically designed TopSpin™ is made of a lightweight, durable, non-corroding material which makes it tolerant to all weather and operating conditions.



More than 99% of contaminant 20 micron and larger is expelled

Incoming dirty air

Pre-cleaned air entering the intake system

- Donaldson TopSpin™ can be mounted horizontally or vertically.
- Installation instructions, stainless clamp and warranty are included.
- Operating temperature range: -40°C to 82°C.

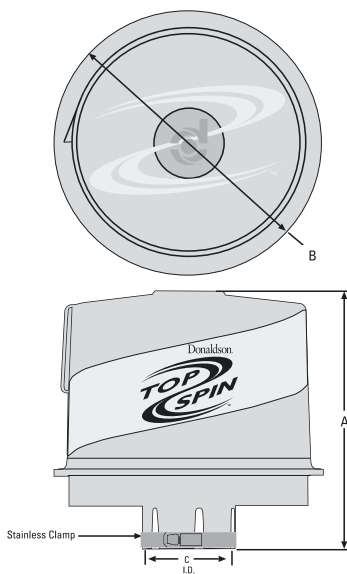
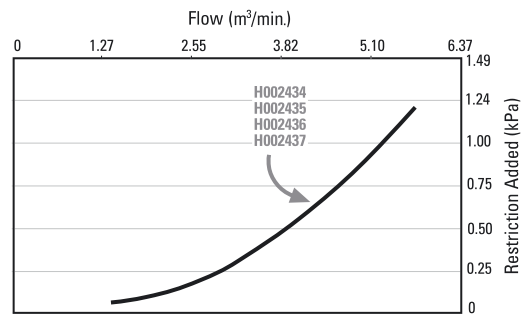
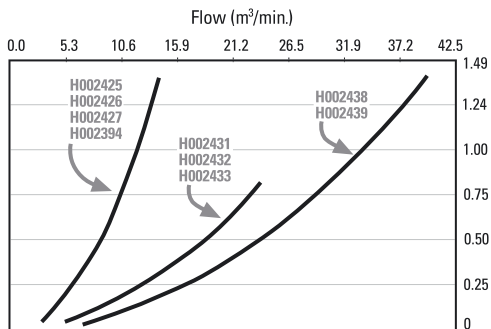
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### Performance Curves

Test conducted per ISO 5011/SAE J726.

Performance test results are an average from testing several units.



TopSpin™ Pre-Cleaner					
Part Number	Outlet I.D. (C) mm	Overall Height (A) mm	Body Dia. (B) mm	Weight kg	Operating Flow Range m³/min.
H002425	78	238	242	1,0	5,7 - 12,7
H002426	97	238	242	1,0	5,7 - 12,7
H002394	103	238	242	1,0	5,7 - 12,7
H002431	103	287	288	1,2	12,7 - 21,2
H002427	116	238	242	1,0	5,7 - 12,7
H002432	116	287	288	1,2	12,7 - 21,2
H002433	128	287	288	1,2	12,7 - 21,2
H002434	51,5	146	162	0,4	2,5 - 5,7
H002435	58	146	162	0,4	2,5 - 5,7
H002436	64	146	162	0,4	2,5 - 5,7
H002437	77	146	162	0,4	2,5 - 5,7
H002438	153	345	397	2,7	21,2 - 42,5
H002439	179	345	397	2,7	21,2 - 42,5



Cross References from Full View Pre-Cleaner to TopSpin™ Pre-Cleaner can be found on the next page.