



Donaldson Delivers

TopSpin™ HD Heavy-Duty Pre-Cleaner

Extending the Life of
Air Filters in the Most
Demanding Environments



Filtration performance you can trust for extended filter life in heavy-duty conditions.



Donaldson.



Donaldson's TopSpin™ Pre-Cleaner provides complete protection to a variety of industries including:

- Construction
- Mining
- Oil & Gas
- Quarrying
- Logging
- Road and Rail Maintenance
- Agriculture

and anywhere your equipment encounters heavy dust and flying debris.

If dust, grit and dirt are a part of your daily operation, don't make your air cleaners do the job alone. Pre-cleaning the air entering the intake port can dramatically improve the life of air cleaners, and help avoid costly engine failure.

TopSpin™ HD air pre-cleaners separate and eject up to 80%* of incoming contaminants before they can reach the engine's air filter, resulting in:

- Longer filter life
- Lower operating cost.
- Less maintenance time.

TopSpin™ HD air pre-cleaners are available in eight sizes to provide optimal restriction control at any airflow level to ensure:

- Your engine breathes easier.
- You will use fewer air filters.
- You will operate at lower cost, with less maintenance downtime.



Available in eight sizes for every engine and airflow level.

*ISO 5011 with coarse dust

Built as tough as your equipment

Rugged one-piece **aluminum hood** with recessed discharge louver sheds flying debris.

One-piece **stainless steel impeller** is the only moving part. Dual bearings ensure reliable performance.



All the interior components are solid stainless steel to resist dirt, water, heat and abuse.

Stainless steel clamp with locking nut makes installation quick and secure. Clamp is included with each TopSpin™ HD.



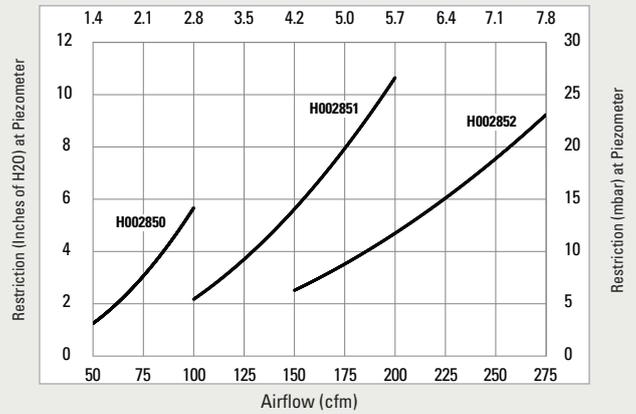
In demanding environments like mining, construction, oil and gas, exposed accessories like pre-cleaners can really take a beating. That's why Donaldson's TopSpin™ HD may be the last pre-cleaner you'll need to buy. Its all-metal construction, high-efficiency design and low restriction will eject the heaviest dust particles and keep functioning smoothly for as long as you own your machinery.

Best of all, there's no bowl to empty. The self-aspirating design means contaminants are continuously purged automatically. Just install the TopSpin™ HD pre-cleaner and forget about it.

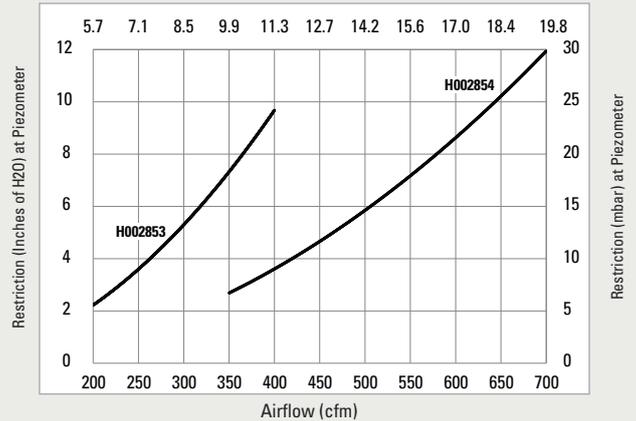
TopSpin™ HD air pre-cleaners are a tough, durable solution for the punishing conditions that can damage exposed equipment.

TopSpin™ HD Performance Curves

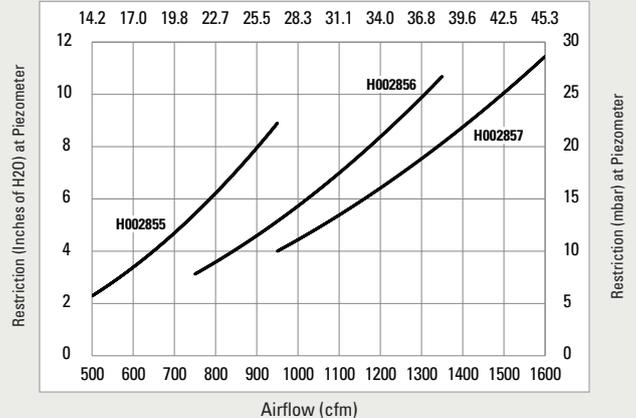
Operating Flow Range Airflow (m3/min)



Operating Flow Range Airflow (m3/min)

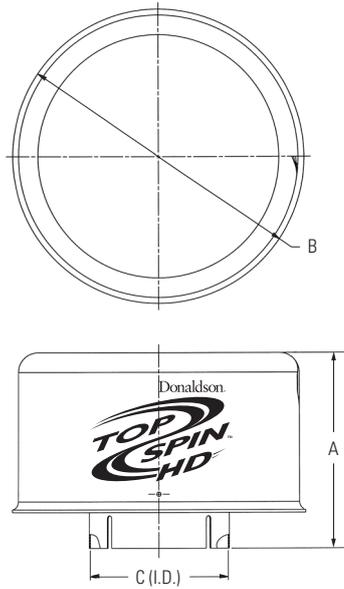


Operating Flow Range Airflow (m3/min)



Specifications

Donaldson TopSpin™ HD pre-cleaners can be mounted in an upright position or horizontally with louver opening at the bottom. Installation instructions and stainless steel locking clamp are included. Limited Lifetime Warranty.



IMPORTANT

Mount on metal inlet tube only.
Do not mount on plastic inlet tube.

Operating temperature range: -40°C to 82°C

Part Number & Image	Outlet I.D. (C)		Height (A)		Body Dia. (B)		Operating Flow Range		Weight	
	in.	mm	in.	mm	in.	mm	SCFM*	m³/min	lbs.	kg.
H002850 	2.06	52.3	3.41	86.5	5.40	137.2	50-100	1.4-2.8	1.00	0.5
H002851 	2.58	65.5	4.25	108.0	6.30	160.0	100-200	2.8-5.6	1.75	0.8
H002852 	3.07	78.0	4.96	125.9	7.20	182.9	150-275	4.2-7.8	2.75	1.2
H002853 	4.10	104.1	5.81	147.6	8.72	221.6	200-400	5.6-11.3	3.75	1.7
H002854 	5.08	129.0	7.56	192.1	11.19	284.2	350-700	10.0-20.0	6.50	3.0
H002855 	6.10	154.9	7.72	196.0	12.78	324.6	500-950	14.0-27.0	7.25	3.3
H002856 	7.10	180.3	8.38	212.7	14.75	374.6	750-1350	21.0-38.0	9.50	4.3
H002857 	8.08	205.2	8.38	212.7	14.75	374.6	950-1600	26.6-44.8	9.50	4.3

*SCFM = Standard Cubic Feet per Minute. The ISO 5011/SAEJ726 test procedure was used to extract the results in the charts above. The ISO 5011/SAEJ726 is a widely accepted industry test used by OEMs to evaluate the efficiency of the intake system components. Test results are an average from testing several units.

It's Easy to Switch!

Find a compatible Donaldson TopSpin™ HD heavy-duty pre-cleaner to replace any of the models listed below.

COMPETITIVE CROSS-REFERENCE

Donaldson TopSpin™ HD	Centri	Enginaire	Fleetguard	Sy-Klone	Turbo II	Turbo III
H002850	EX-20	200	AP8408 / AP3000	9000R		15
H002851	EX-25	255	AP3000			
H002852	EX-30	330	AP3000		24	50
H002853	EX-40	440S	AP8403 / AP4500	9001R	24	50
H002854	EX-50	550	AP8404 / AP5000	9002/9002R	46	
H002855	EX-60	660			68	500
H002856	EX-70	770L	AP8405	9003	68	500
H002857	EX-80	880			68	500

If you currently use Donaldson Full-View or TopSpin™ pre-cleaners, find a compatible TopSpin HD heavy-duty pre-cleaner from the chart below.



Donaldson Full-View	Donaldson TopSpin™	Donaldson TopSpin™ HD
H001823	H002434	H002850
H001251	H002436	H002851
H001249	H002437	H002852
H000858	H002394	H002853
H002043	H002433	H002854
H002223	H002438	H002855
H002224	H002439	H002856
N/A	N/A	H002857



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