

Star-Pleated Dust Filter Cartridges

Description

Clyde-Filtercorp Star-Pleated dust filter cartridges open up new dimensions and possibilities in the design of modern dust extractors.

Due to the pleated media being star-formed, the largest possible filter area is obtained. The material used for filter production is smooth 100% spun-bonded polyester. Strong and hard wearing, the cartridges are designed for 'pulse-jet' cleaning.

Retrofit your old filter bags or filter cartridges with Filtercorp star-pleated dust filter cartridges.

For specific applications different filter media can be selected, including anti-static material, PTFE coating, specialty cellulose, and polypropylene.

Clyde-Filtercorp manufactures star-pleated filter cartridges using media sourced from mills in Europe, America, Japan and Australia, with many of these manufactured to Clyde-Filtercorp's specifications.

Clyde-Filtercorp's experienced engineering and sales team can provide you with sales and service in every Australian state and throughout Southeast Asia.



Construction

The filter cartridge comprises of a cylindrical star pleated spun bonded polyester filter media, which is cast in polyurethane on both ends.

Depending on design either a diffuser plate or a wire cage is inserted into the inner cylinder, located in the clean section of the filter cartridge, to give added support. The top plate can either be cast aluminium or mild steel spinning.

Specially designed venturiers can be supplied where design considerations justify their selection. The filter cartridges can be supplied for mounting on the clean or dirty side of the dust collector's plenum.



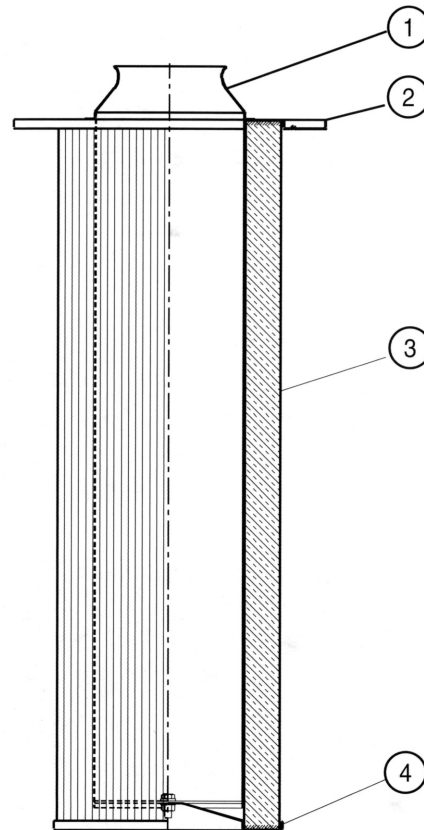
Specifications

Diameter	Length (mm)	Filter area (m ²)	Weight w/out diffuser inserted (kg)	Pleat Depth (mm)	No. of Pleats	Dia of Top Flange Aluminium (mm)	Dia of Top Flange Spinning (mm)
150	1000	3.5	2.5	25	70	185	152
225	1000	5	4.5	25	100	245	N/A
325	500	7	7.0	50	140	N/A	440
325	1000	14	9.0	50	140	N/A	440
500	500	10	15	50	200	565	N/A
500	1000	20	23	50	200	565	N/A

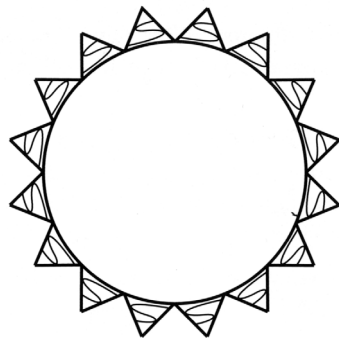
Clyde-Filtercorp's products are designed and manufactured in Australia.

When your existing dust collector does not perform, contact Filtercorp before you consider replacing it! We can offer advice and solutions on how to improve your existing dust collector performance and efficiency at minimal cost.

1. Insertable diffuser cage with or without built in venturi.
2. Spun top plate or cast aluminium.
3. Spun bonded polyester filter media.
4. Spun bottom plate.

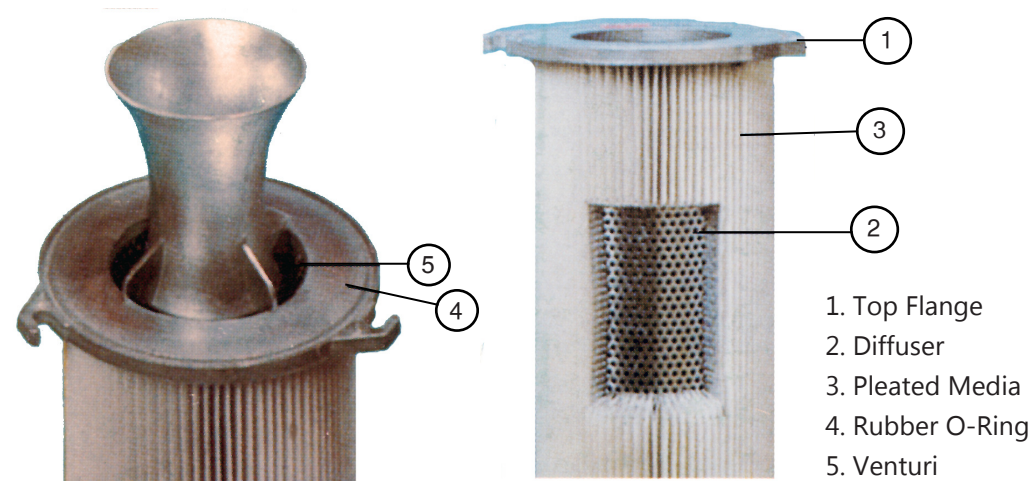


Filtercorp Pleat Separator



When handling 'sticky' dust, a very high-pressure differential can be experienced across the filter media. This situation can deform the pleats under operation and will result in a sharply decreased filter area. For such situations, it is recommended that special Clyde-Filtercorp pleat-separators are used.





Other Dust Collection Products

- Tenkay-style dust collection systems
- Silo-Vent mobile dust collectors
- Purpose-engineered systems
- Sonic-Pulse silo vent dust collectors
- Weld-fume units
- Cyclones
- Filter cartridges and filter bags
- Portable exhaust fans
- On site service and repairs
- Engineering surveys
- Gravimetric dust sampling surveys
- MiniPulse mobile dust collectors

The Company

AES Environmental is an Australian owned manufacturing business producing products under Clyde-Apac, Email Air Handling and Vokes brand names for industries that are as varied as industrial plants, commercial buildings, power stations, food processing, healthcare, science and electronics. AES Environmental considers the Australian Standards as a core component of its product mix and has developed an export market in 25 countries, promoting Australian Standards, engineering and manufacturing solutions. AES Environmental, a trusted manufacturer capable of delivering reliable product solutions to highly-critical applications, where the control of hazardous airborne contamination is often critical to process and personnel.

© 2018 AES Environmental | Bulletin No. 12D.12.17 AES160 REV1

In keeping with our policy of continuing product improvement, we reserve the right to alter specifications without notice.



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