

CFT

Centrifugal Filtration Technology

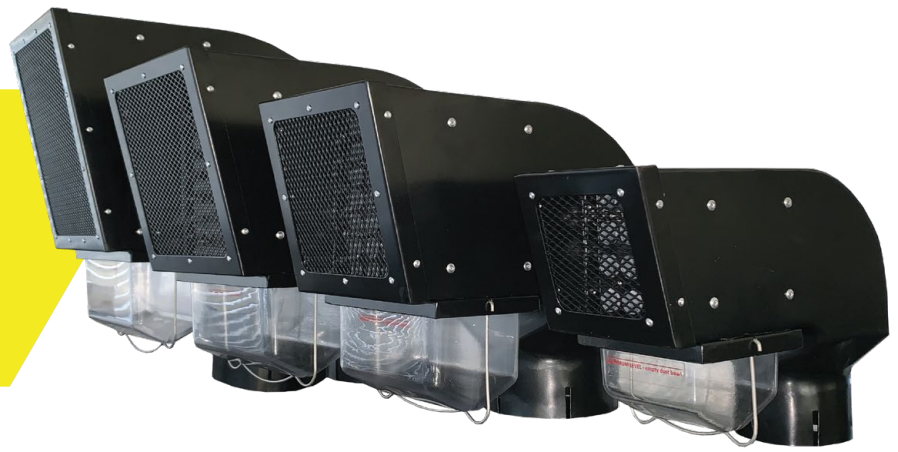
RAM FILTERS



This pre-filter range is equipped with our CFT 18 mm tube to yield ultra-high pre-filter efficiency in extreme dust conditions due to the axial inlet and outlet flow that minimizes pressure gradient. These pre-filters maintain high efficiency even in variable flow conditions due to the exceptional high turndown ratio of these tubes.

These pre-filters are manufactured from Aluminum sheet metal that is powder-coated inside and out to ensure longevity and ability to meet and exceed the demands associated with tough mining conditions.

The interface of these pre-filters is designed to require no fabrication during installation. Daily maintenance is not required unless the dust bowl reaches its "Full" level.



Scavenge

Passive scavenge by means of serviceable dustbowl

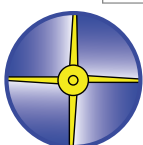
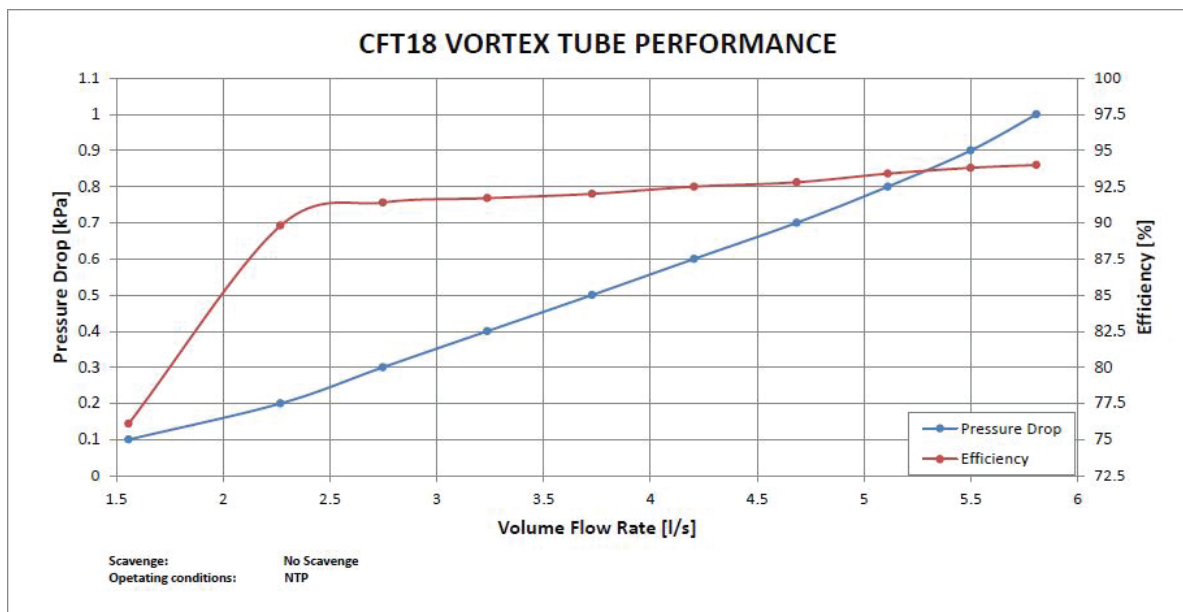
Benefits

- Vastly extends media filter life, which enables extended service intervals.
- Reduce labour costs.
- Reduce cost of ownership of equipment.
- Reduce possible engine failures due to possible incorrect fitment of media filters.
- Could reduce silica contaminants in oil, if filtration management is kept at a high level.
- No moving parts in pre-filter unit
- Ideally suited for fitment on secondary equipment, like Graders, Loaders, ADT's etc.

PRODUCT SPECIFICATIONS

Product Code	Dimensions	Flow Range	Restriction	Weight
CFT-LD-RAM-600	414 x 244 x 438mm	12 – 36 m ³ /min	0.35 – 1 kPa	3.6 kg
CFT-LD-RAM-500	414 x 244 x 438mm	10 – 30 m ³ /min	0.35 – 1 kPa	3.6 kg
CFT-LD-RAM-400	374 x 221 x 354mm	8.1 – 24.3 m ³ /min	0.35 – 1 kPa	2.9 kg
CFT-LD-RAM-350	374 x 221 x 354mm	7.2 – 21.6 m ³ /min	0.35 – 1 kPa	2.9 kg
CFT-LD-RAM-300	374 x 221 x 354mm	6.4 – 19.2 m ³ /min	0.35 – 1 kPa	2.9 kg
CFT-LD-RAM-250	333 x 175 x 293mm	4.9 – 14.7 m ³ /min	0.35 – 1 kPa	2.4 kg
CFT-LD-RAM-200	333 x 175 x 293mm	4.2 – 12.6 m ³ /min	0.35 – 1 kPa	2.4 kg
CFT-LD-RAM-150	333 x 175 x 293mm	3 – 9 m ³ /min	0.35 – 1 kPa	2.4 kg
CFT-LD-RAM-125	280 x 129 x 232mm	2.5 – 7.5 m ³ /min	0.35 – 1 kPa	1.7 kg
CFT-LD-RAM-100	280 x 129 x 232mm	2 – 6 m ³ /min	0.35 – 1 kPa	1.7 kg
CFT-LD-RAM-75	280 x 129 x 232mm	1.6 – 4.8 m ³ /min	0.35 – 1 kPa	1.7 kg

CFT 18 Vortex Tube Performance Curve 10% Scavenge



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