

## Description

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, this is due to the exceptional high, turn down ratio of these tubes.

These pre-filters are manufactured from mild steel, sheet metal, that is powder coated, inside and out, to ensure longevity and to be able to meet and exceed the demands associated with the tough mining conditions out there.

The interface of these pre-filters is designed to require no fabrication during installation. No daily maintenance is required, if scavenge components are functional, apart from weekly inspections, to ensure scavenge components is still functional.

## Scavenge

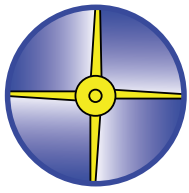
Active scavenge by means of Venturi or fan. (No serviceable scavenge bowl.)

## Benefits

- Extends media filter life vastly, 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 etc.

### PRODUCT SPECIFICATIONS

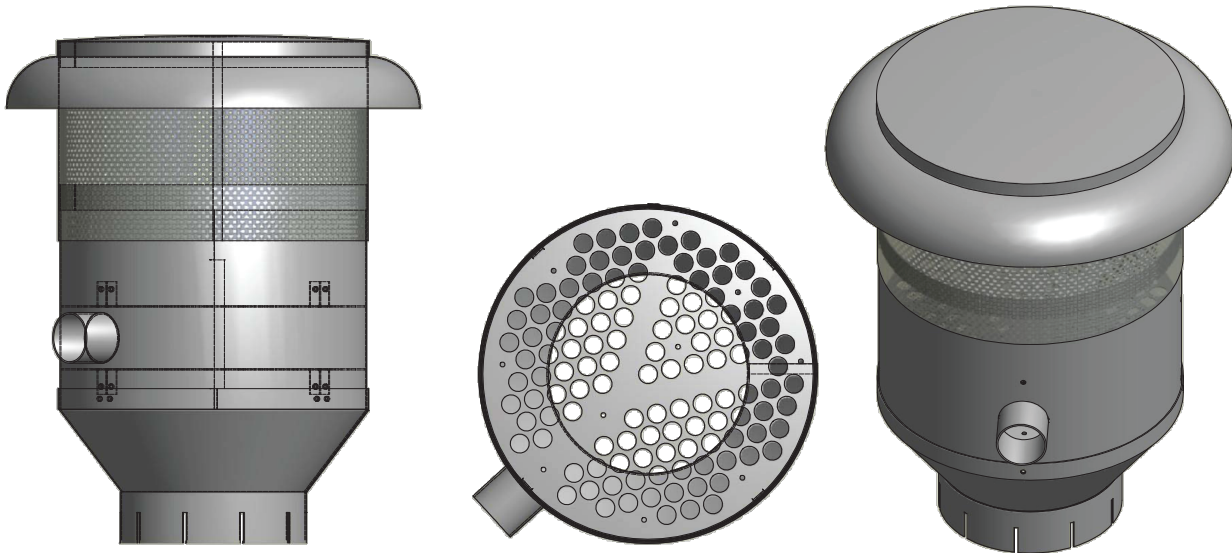
Product Code:	Dimensions:	Flow Range:	Restriction:	Weight:
CFT-MD-PFR-800-16	Ø 520 x 575mm	16 - 48 m <sup>3</sup> /min	0.35 - 1 kPa	12kg
CFT-MD-PFR-700-16	Ø 520 x 575mm	14 - 42 m <sup>3</sup> /min	0.35 - 1 kPa	12kg
CFT-MD-PFR-600-14	Ø 495 x 583mm	12 - 36 m <sup>3</sup> /min	0.35 - 1 kPa	10kg
CFT-MD-PFR-500-12	Ø 440 x 509mm	10 - 30 m <sup>3</sup> /min	0.35 - 1 kPa	5.3kg
CFT-MD-PFR-400-12	Ø 440 x 509mm	8 - 24 m <sup>3</sup> /min	0.35 - 1 kPa	5.3kg



## PRODUCT SPECIFICATIONS

Product Code:	Dimensions:	Flow Range:	Restriction:	Weight:
CFT-MD-PFR-350-9	Ø 335 x 505mm	7 - 21 m <sup>3</sup> /min	0.35 - 1 kPa	4.8kg
CFT-MD-PFR-300-9	Ø 335 x 505mm	8 - 18 m <sup>3</sup> /min	0.35 - 1 kPa	4.8kg
CFT-MD-PFR-250-9	Ø 335 x 505mm	5 - 15 m <sup>3</sup> /min	0.35 - 1 kPa	4.8kg
CFT-MD-PFR-200-8	Ø 285 x 483mm	4 - 12 m <sup>3</sup> /min	0.35 - 1 kPa	3.3kg
CFT-MD-PFR-150-8	Ø 235 x 456mm	3 - 9 m <sup>3</sup> /min	0.35 - 1 kPa	2.6kg
CFT-MD-PFR-100-6	Ø 235 x 456mm	2 - 6 m <sup>3</sup> /min	0.35 - 1 kPa	2.6kg

## DRAWING



## CFT 18 Vortex Tube Performance Curve 10% Scavenge

