



Creating Just the Right Atmosphere Always...

PRIMARY DISC FILTER

Continuously rotating Primary Disc Filter is the first stage of Draft Air's Integrated Waste Management. The rotating disc fitted with a filter media separates coarse particle and fibrous waste. The material deposited on the disc is sucked through a suction nozzle by a powerful fan and discharged into a fiber compactor / separator, depending upon the type of waste material; different filter media can be used.

Advantages:

- No pressure fluctuations in the extraction system due to continuous cleaning.
- Space saving installation due to the disc shape and the compact design.
- No fiber contamination of drive elements and easy access by installation behind the pre filter screen – filter media can be easily changed.
- The compact and robust design offers the highest degree of reliability and safety.
- Capacity range available from 20,000 CMH to 70,000 CMH



STATIC FILTERS

Draft Air offers Static filters in various configuration depending upon the filtration requirement. From 20 microns to 0.3 micron filtration levels can be provided with suitable filter media.



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ROTARY DRUM FILTER

Draft Air's Rotary Drum Filters have perforated segments made of sheet steel which are assembled to form a drum. The rotating drum provides ample area for filtration, fitted with variety of filter media for different type of dust and waste. The material deposited on the filter media is sucked off with smooth sliding nozzles connected to a powerful suction blower through a cyclone and bag filters.

Draft Air's automatic Rotary Filter provides twice the amount of nozzles for efficient and faster collection of micro dust. The micro dust is continuously removed through Cyclone separator/compactor by Ventilator Fan.

Advantages:

- Continuous cleaning, therefore no pressure fluctuations within the system.
- Precise adaptation to the total air volume due to the modular design.
- Energy-efficient operation due to low pressure loss.
- Filter chamber accessible for inspection during operation, no shut-down required.
- Wide range of filtration capacities available due to modular construction from 15,000 CMH to 2,35,000 CMH.

