

cartridge filter dust collectors



FEATURES

- Optimized online pulsejet cartridge cleaning
- Tough steel construction for long life in harsh industrial environments
- Small footprint when compared to baghouse dust collectors
- Quick and easy maintenance
- High filter efficiency
- Lower capital cost when compared to traditional fabric dust collectors
- Customized solution for your specific requirement
- Food grade, explosion proof and anti-static options are available
- Maintenance free blower
- 1 year warranty

Technical Specification

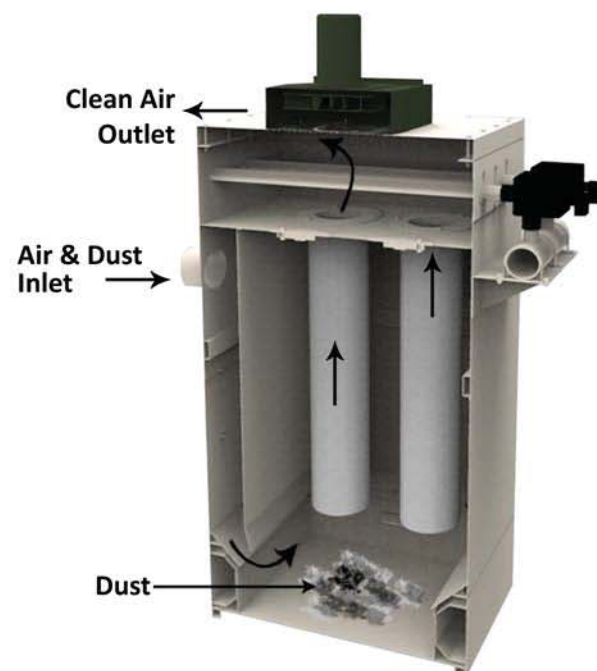
Indoor dust collectors with automatic filter cleaning mechanism

Model	Power (kw)	Airflow (m ³ /Hr)	Filter Surface Area (m ²)	Dimension LxBxH (m)
DC HF 3 PJ F9 / C9	2.2	1950	6.3 / 45	1 x 1 x 3
DC HF 5 PJ F9 / C9	3.7	2800	6.3 / 45	1 x 1 x 3
DC HF 7 PJ F9 / C9	5.5	3500	6.3 / 45	1 x 1 x 3
DC HF 10 PJ F9 / C9	7.5	5000	6.3 / 45	1 x 1 x 3

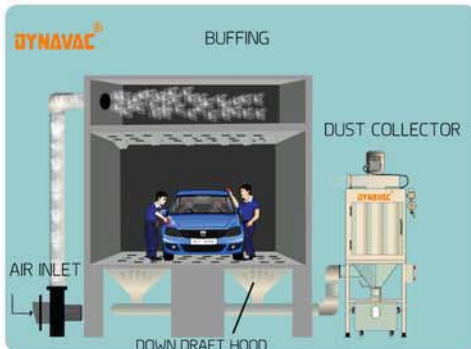
How It Works

Dynavac® Cartridge Dust Collectors use metal cartridges that are cylindrical shaped and are lined with a pleated non-woven fabric as the filter media. In cartridge dust collectors, similar to baghouse dust collectors, the dirty air is forced through the outside of the cartridge filter to the inside. Dust particles are captured on the outside of the cartridge filters. Cartridge dust collectors also use pulsejet cleaning technology. A periodic pulse of compressed air is sent across the cartridge to dislodge the dust cake, which forms on the outside of the cartridge filter. This is an online cleaning process. Cartridge dust collectors are ideally suited to capture material that is easily released from the media during the cleaning cycle. Cartridge collectors are usually better suited for smaller dust particle sizes.

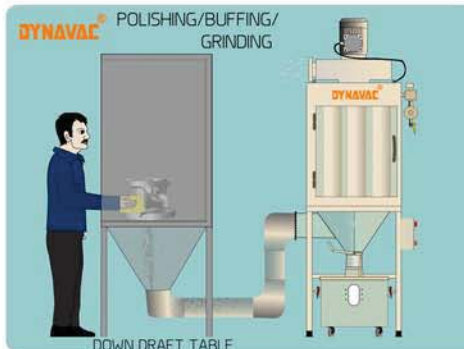
Flow drawing



applications



Dust collection via down draft hoods during automobile buffing operation while fresh air is continuously fed into the grinding area



Dust extraction using down draft table connected to Dust Collector



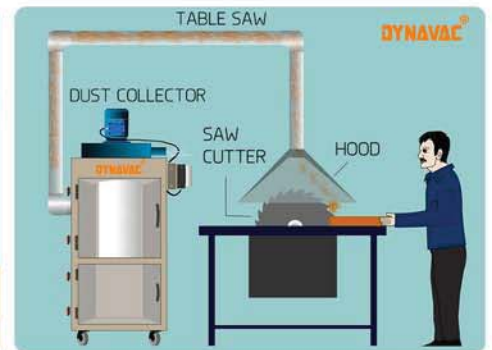
Dust collection from surface grinding operation



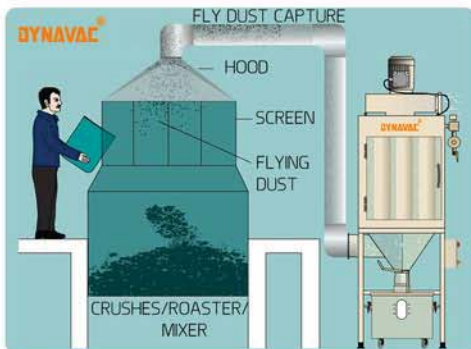
Empty wrappers collection on a conveyor belt with adjustable canopy hood



Dust extraction through exhaust hood fitted around grinding wheel



Dust extraction from sawing operation with canopy hood



Fly dust captured during material feeding operation with canopy hood



Dust extraction from pipe grinding operation



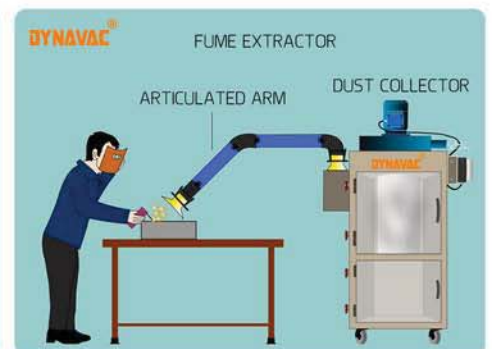
Fly dust collection during product weighing with fixed canopy hood



Dust collection from sawing operation with customized exhaust hood fitted around grinding wheel



Dust particles collection from sifter during sieving operation



Fumes are sucked-out with the help of articulated arm, during welding operation



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