

bag filter dust collectors



FEATURES

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

Technical Specification

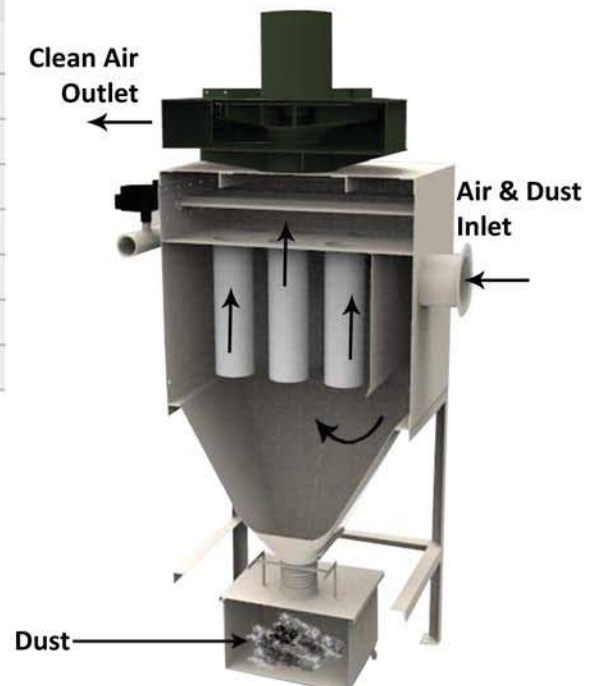
Indoor dust collectors with automatic filter cleaning mechanism

Model	Power (kw)	Airflow (m ³ /Hr)	Filter Surface Area (m ²)	Dimension LxBxH (m)
DC LF 3 PJ F4 / C4	2.2	1950	2 / 12	0.7x0.7x3
DC LF 3 PJ F9 / C9	2.2	1950	4.6 / 27	0.9x0.9x3
DC LF 5 PJ F4 / C4	3.7	2800	2 / 12	0.7x0.7x3
DC LF 5 PJ F9 / C9	3.7	2800	4.6 / 27	0.9x0.9x3
DC LF 7 PJ F4 / C4	5.5	3500	2 / 12	0.7x0.7x3
DC LF 7 PJ F9 / C9	5.5	3500	4.6 / 27	0.9x0.9x3
DC LF 10 PJ F4 / C4	7.5	5000	2 / 12	0.7x0.7x3
DC LF 10 PJ F9 / C9	7.5	5000	4.6 / 27	0.9x0.9x3

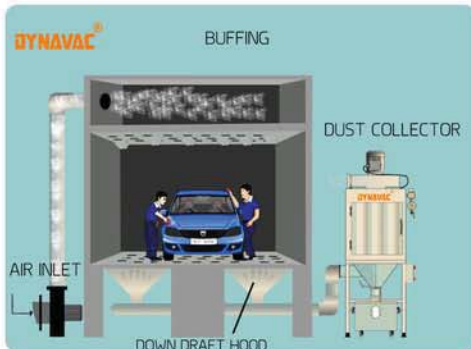
How It Works

Dynavac® bag filter Dust Collectors use tubular bag filters that are cylindrical shaped non-woven fabric as the filter media. In bag filter dust collectors, similar to baghouse dust collectors, the dirty air is forced through the outside of the bag filter to the inside. Dust particles are captured on the outside of the bag filters. Bag filter dust collectors also use pulsejet cleaning technology. A periodic pulse of compressed air is sent across the bag filter to dislodge the dust cake, which forms on the outside of the bag filter. This is an online cleaning process. Bag filter dust collectors are ideally suited to capture material that is easily released from the media during the cleaning cycle.

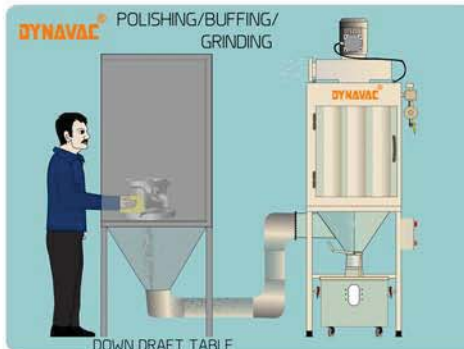
Flow drawing



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



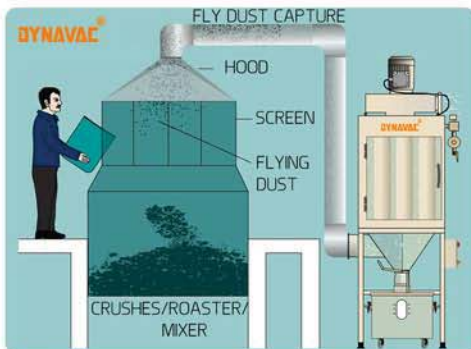
Empty wrappers collection on a conveyor belt with adjustable canopy hood



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



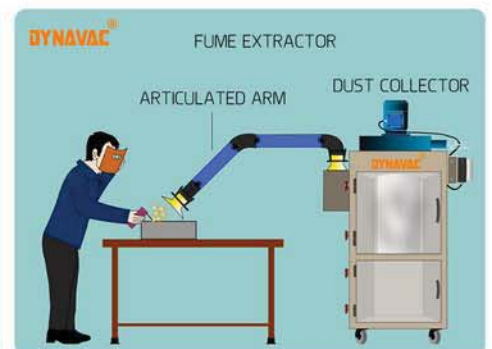
Fly dust collection during product weighing with fixed canopy hood



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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