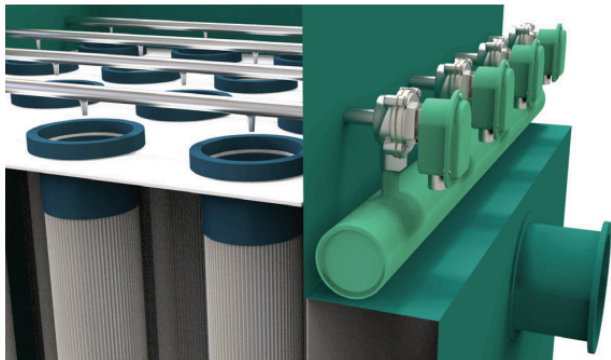


## APPLICATIONS

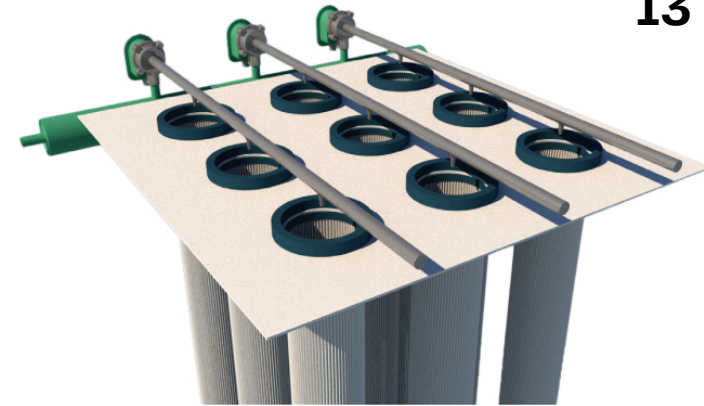
- **Woodworking:** Capture sawdust to prevent fire and explosion hazards.
- **Metalworking:** Remove combustible metal dust from grinding, polishing, and welding.
- **Chemical Manufacturing:** Contain dust from chemical processing to minimize explosion risks.
- **Pharmaceutical:** Capture fine dust from tablet compression and powder handling.
- **Food Processing:** Manage dust in milling, grinding, mixing, and packaging.
- **Mining:** Control combustible dust in coal mining and ore processing.
- **Recycling and Waste Management:** Capture dust to reduce fire risks.



## Flame and Non Flame Proof Dust Collector

### KEY FEATURES

- **Explosion Vents:** Release pressure and heat to mitigate explosion risks.
- **Spark Detection and Suppression:** Detects and extinguishes sparks to prevent fires.
- **Grounding and Bonding:** Prevents static electricity buildup to avoid ignition.
- **Explosion-Resistant Construction:** Withstands forces from potential explosions.
- **Effective Dust Containment:** Minimizes dust dispersion and ignition risks.
- **Real-Time Monitoring:** Enables remote monitoring for real-time insights (if available).
- **Improved Air Quality:** Captures harmful dust particles to enhance workplace air quality.
- **Worker Safety:** Reduces harmful dust inhalation and ensures regulatory compliance.
- **Equipment Protection:** Improves efficiency, longevity, and reduces maintenance costs.
- **Environmental Responsibility:** Minimizes dust emissions and prevents pollution.



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