

# >> DUST COLLECTOR

## >> FEATURES:

- Adjustable pulse-cycle timing
- Wide range of filter media
- Top and bottom bag/cartridge removal
- Broad selection of internal coatings, special exterior finishes and insulations
- Materials of construction include carbon steel, stainless steel, and aluminum
- Food-grade or 3A dairy accepted constructions



## Dust Collection

We have years of experience designing dust collection systems to maintain the sanitation, safety and efficiency of your production environment. Our systems are custom designed based on the proven formula of Capture, Convey and Collect.



Our dust collection systems help processing plants comply with OSHA and NFPA regulations by controlling in-plant and environmental pollution.

### Capture

We will evaluate the source of the dust and operational requirements to engineer the best hood design to capture dust at the source. Minimum capture velocities are required to pull the dust out of the atmosphere and away from the operator.

### Convey

Duct is properly sized & routed to maintain a minimum conveying velocity. Incorrectly designed ductwork allows dust to settle, robbing system performance & creating unsafe conditions. A suction fan is selected for the calculated CFM & static pressure.

### Collect

Dust must be separated from the air stream using an appropriate dust separator (cyclone, bag house scrubber, etc.). Collected dust must also be discharged from the separator in a safe manner for recovery or disposal.



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