

Bag Type Dust Collector for Industry

Industrial dust collectors commonly used in factories for ventilation and product recovery applications including,



The Cage



The Bags



Bags Assembly

Blasting
Food Processing
Paper Scrap
Seed Processing
Welding

Chemical Processing
Laser & Plasma Cutting
Pharmaceutical
Solar Panel Fabrication
Wood-Working

Fiber-Glass
Mining
Rubber Grinding
Thermal/Flame Spray
and more

Bag type dust collector systems generally fall into one of the following categories:

1. Pulse jet cleaning system
2. Shaker cleaning system

In Pulse jet system, the dust is collected on the outside of the filter bag and clean air exits through the inside of the bag. The bag is supported by wire cage to prevent the bag from collapsing during operation.

The filter bags are usually on a 'Top Load' system during installation. Access opening is provided in the top of the collector unit for removal & installation of filters.



Out-Door Installation

Filter Bag Medias Options

Generally pulse jet system utilize needle felt medias. While shaker system use woven medias. Medias are manufactured from a variety of man made fibres and are selected based on a number of factors including: operating temperature, chemical components in the dust stream, abrasiveness of dust being handled, as well as other characteristic of the system. A number of treatments are available to improve dust discharge on the cleaning cycle, improve the filter efficiency, to add flame retardant qualities and other specialized applications.

In-Door Installation

