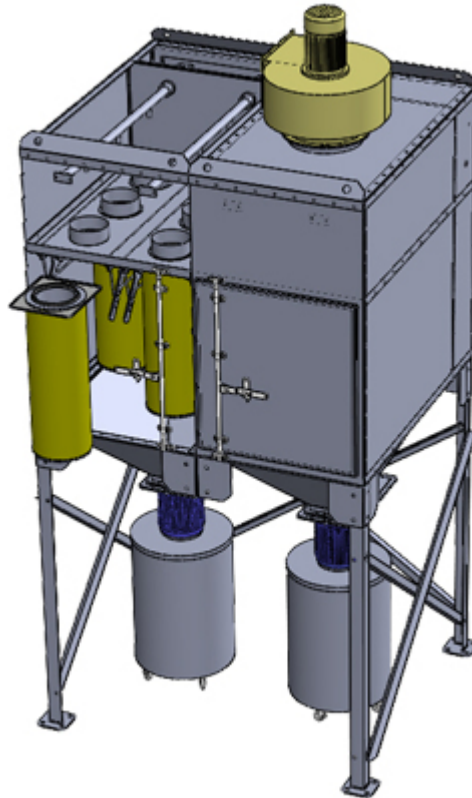




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Vertical Cartridge Dust Collector



Product Descriptions:

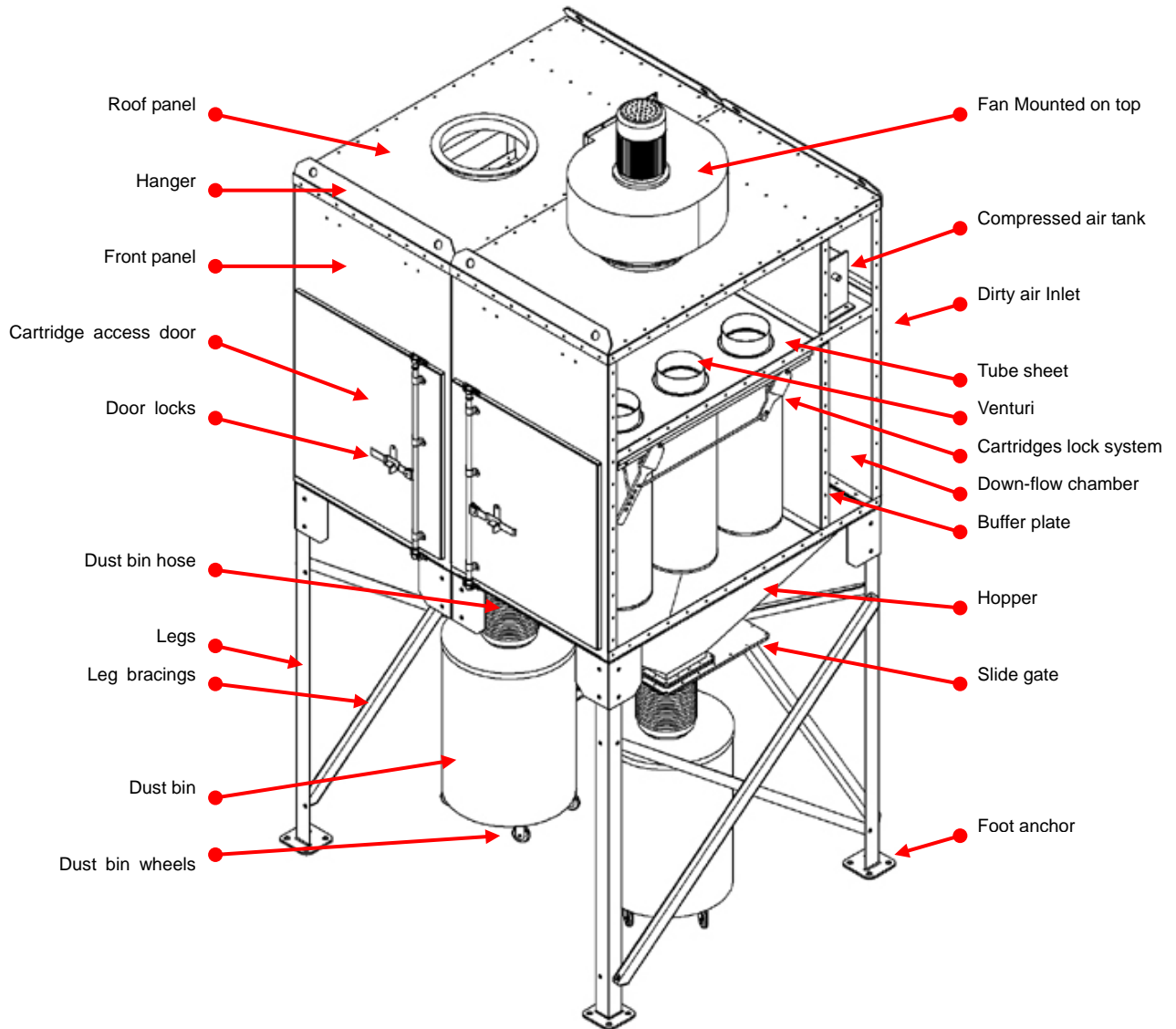
- Vertical cartridge dust collectors are especially suitable for low volume and high dust load applications. Special designed airflow route ensures that the equipments running at best conditions. The vertically installed cartridges can improve the filter clean significantly; avoid the dusts falling from top cartridges to down cartridges. The dust collectors ensure lowest cartridge pressure, highest filter efficiency and longest filter life.

Models from 4 Cartridges to 40 Cartridges

- A self-contained dust collection system
- Ideal for metal working, laser & plasma cutting, grinding, air blasting, welding fume, graphite, pharmaceutical, chemical and other dust extractions
- Excellent permeability filter cartridges
- Exclusive cartridge filter locking system for easy maintenance

Vertical Cartridge Dust Collector

Dust collector Components



Typical Cartridges & Their Applications

Cellulose Cartridge Application:

- Metal
- Paper
- Shot Blasting
- Mining industry
- Gas turbine
- Other dust collections

Polyester Cartridge Application:

- Metal, Wood, Chemical,
- Cement, Food, Paper,
- Pharmaceutical
- Welding Smoke
- Shot Blasting
- Foundry Dust
- Mineral Processing

Polyester + PTFE Filter Application:

- Filtration of very, very fine dust types in Chemical, Pigment, Al-pulver Welding Fume, Pharmaceutical and other sticky agglomerative dust collections.

Vertical Cartridge Dust Collector

Product Features

- Suitable for high dust load and higher filtration speed
- Compared to horizontal cartridge collectors, no dusts will fall from top to down cartridges
- Special downward chamber effectively knock down the large particles to hopper directly.
- Lowest system pressure ensures longest filter cartridge life
- Optimal designed pulse jet clean system
- The fan can be mounted on top of collector to save space
- Special design cartridge locking system makes cartridge change-out very easy

Models and Specifications

Model	Cartridge Number	Filter Area 1	Filter Area 2	Filter Area 3	Filter Area 4
D2-4	4	84 m ²	112 m ²	37.6 m ²	52 m ²
D2-8	8	168 m ²	224 m ²	75.2 m ²	104 m ²
D2-12	12	252 m ²	336 m ²	112.8 m ²	156 m ²
D2-16	16	336 m ²	448 m ²	150.4 m ²	208 m ²
D2-20	20	420 m ²	560 m ²	188 m ²	260 m ²
D3-6	6	126 m ²	168 m ²	56.4 m ²	78 m ²
D3-12	12	252 m ²	336 m ²	112.8 m ²	156 m ²
D3-18	18	378 m ²	504 m ²	169.2 m ²	234 m ²
D3-24	24	504 m ²	672 m ²	225.6 m ²	312 m ²
D3-30	30	630 m ²	840 m ²	282 m ²	390 m ²
D4-8	8	168m ²	224 m ²	75.2 m ²	104m ²
D4-16	16	336m ²	448 m ²	150.4 m ²	208 m ²
D4-24	24	504 m ²	672 m ²	225.6 m ²	312 m ²
D4-32	32	672 m ²	896 m ²	300.8 m ²	416 m ²
D4-40	40	840 m ²	1120 m ²	376 m ²	520 m ²

Filter area 1: Cellulose cartridges, size 324X660

Filter area 2: Cellulose cartridges, size 324X915

Filter area 3: Polyester cartridges, size 324X660

Filter area 4: Polyester cartridges, size 324X915

Vertical Cartridge Dust Collector

Equipment Standard Components

- Cartridge filter chamber
- Clean air chamber
- Cellulose cartridge filters
- Hopper
- Slide gate
- Dust bin and hose
- Pulse valve
- Compressed air tank
- Timer board controller
- Prime and surface painting

Equipment Optional Components

- Centrifugal fan
- Fan starter cabinet
- Access platform
- Explosion relief vents
- Other material cartridge filter
- Pulse on demand controller
- Rotary valves
- Trough type hopper
- Screw conveyor
- Material sensors