

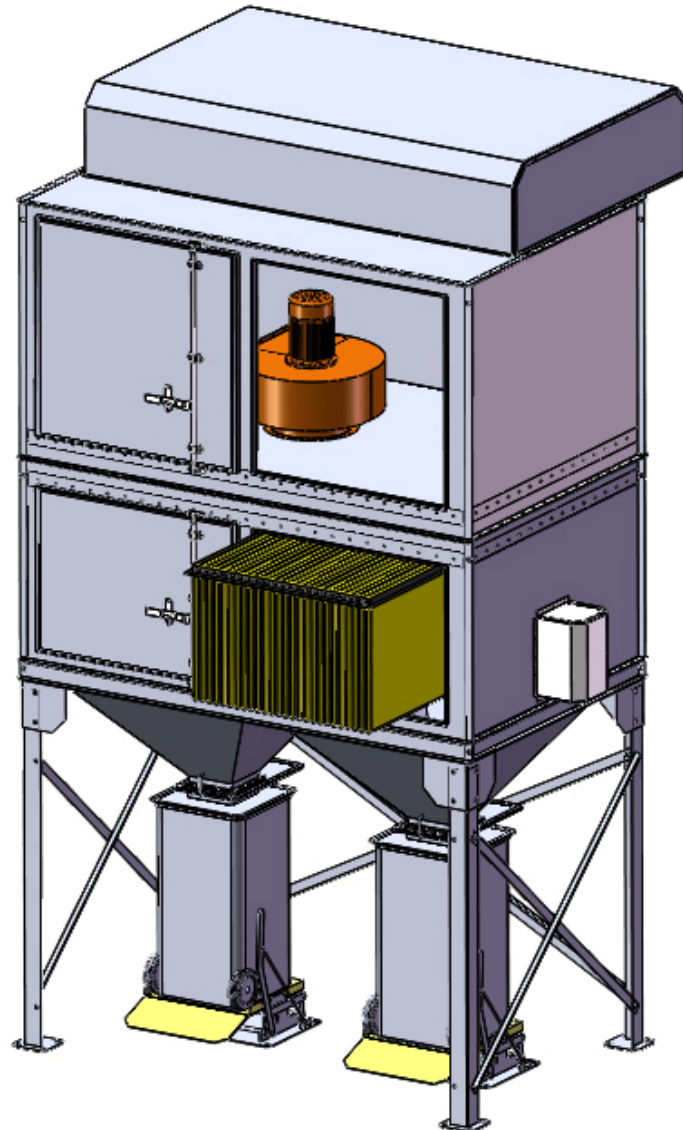


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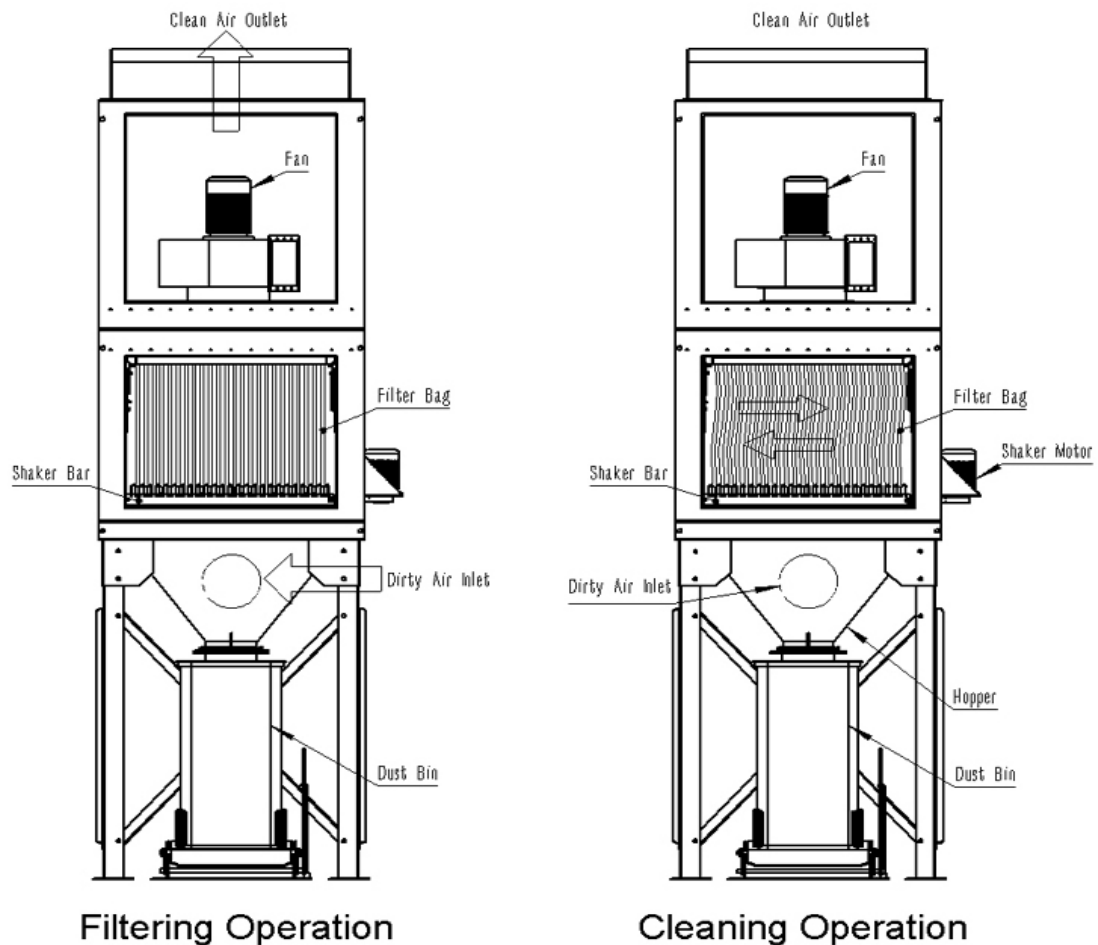
Shaker Bag Dust Collector



Shaker Dust Collector with 10~110 sq.m Filter Area

Shaker Bag Dust Collector

Unit Descriptions & Operation Explanation



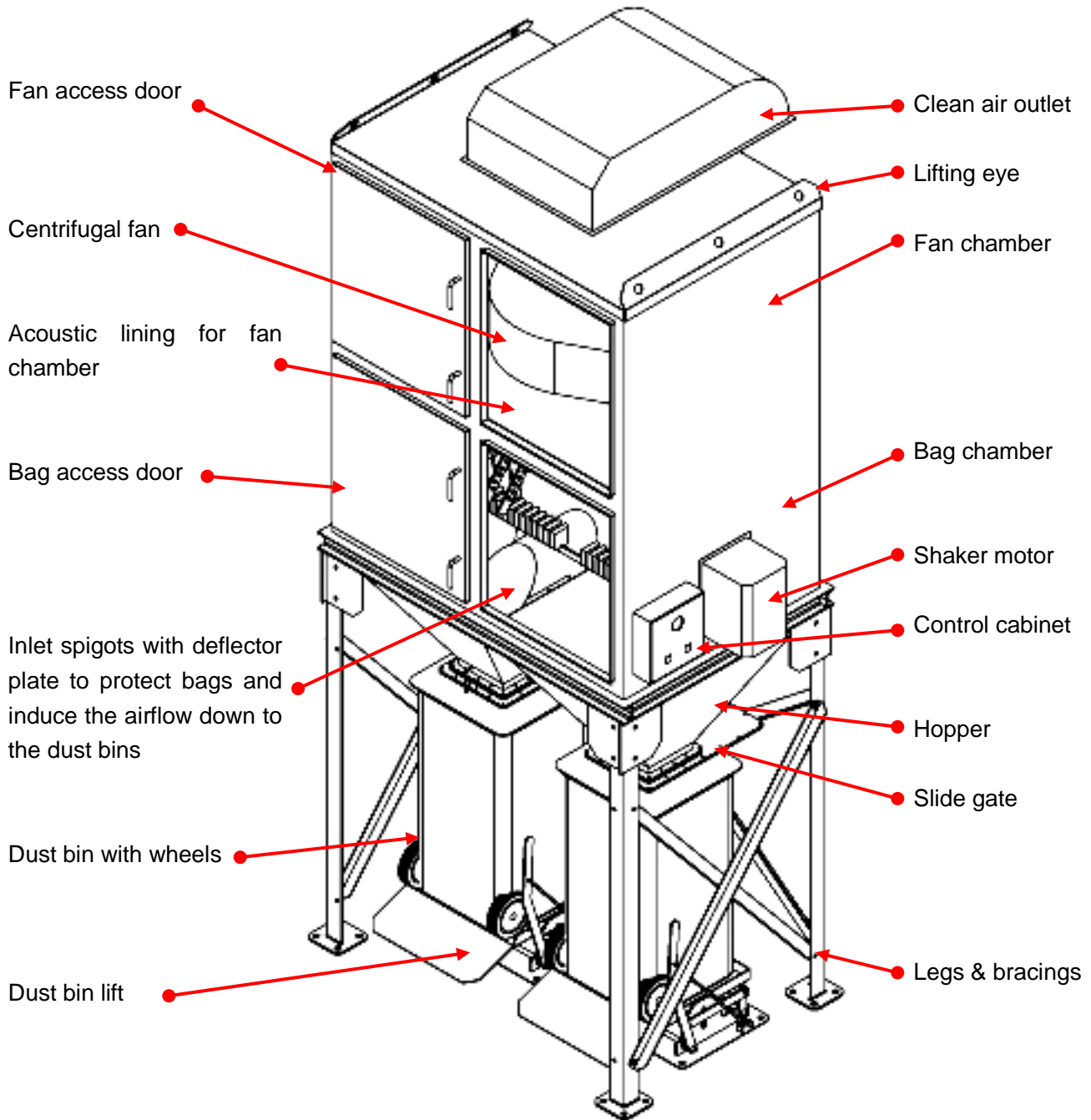
Glorair shaker bag dust collectors are self-contained dust extractor with integrated filter bag chamber, fan chamber and bag shaker mechanism. With our featured design, our shaker bag dust collectors are offering best filtering performance in various industrial applications. The filtration dusts range from fine dusts to large ones. Thanks to the compact structure, very quiet operation and needless of compressed air, they have been an ideal choice for intermittent and small airflow dust extractions

During the filtering operation, the dust-laden air enters the dust collector through the dirty air inlet. The velocity is reduced and natural pre-separation, caused by the effects of gravity, takes place and heavier particulate falls directly into the collection bin or hopper. Fine particles are collected on the outside surface of the filter bags. Clean and filtered air passes to the center of the bags and discharge through the clean air outlet

Our shaker bag collectors are intermittent-duty collectors, which mean that cleaning starts when the fan is turned OFF and the appropriate fan run-down time is complete. The timer automatically starts the cleaning sequence 3 minutes after the fan is turned OFF. This is the fan run-down time. Power to controls must remain ON to operate the cleaning mechanism. The shaker motor starts and filter cleaning begins for a preset time of 3 minutes.

Shaker Bag Dust Collector

Dust Collector Components



Shaker Bag Dust Collector

Features

- Filter bags are cleaned by mechanical shaker motor automatically, no need for expensive compressed air.
- No noisy pulse jet cleaning during the operation of the unit.
- Standard acoustic fan chamber controls fan noise down to 74dB.
- Up to 110 sq.m filter area. Suitable for extraction from small to large air flow.
- Full automatic and failure-free performance for many years.
- Optional separate fan chamber design for installation in low ceiling workshop.
- Standard weather cowl on top so that the units are suitable for outdoor installations.
- Special dust bin lift available for easy dust treatment.
- Not only suitable for industries, but also suitable for school, R/D institutes

Applications

Application:

- Chemical, Pharmaceutical, Food, Woodworking, Saw dust, Cement
- Abrasive blasting, Metal working, Mixing, Grinding, Plastic, Loose powder

Models & Specifications

Model	Filter Bag	Filter Area	Airflow	Inlet Spigot	Dust Bin
Z10	1 PC	10 M2	2400 CMH	Dia:200mm	1
Z20	1 PC	20 M2	3600 CMH	Dia:250mm	1
Z30	1 PC	30 M2	5400 CMH	Dia:300mm	1
Z40	1 PC	40 M2	7200 CMH	Dia:350mm	1
Z50	2 PCS	50 M2	9000 CMH	Dia:400mm	1
Z60	2 PCS	60 M2	10800 CMH	Dia:450mm	1
Z70	2 PCS	70 M2	12600 CMH	Dia:500mm	1
Z80	2 PCS	80 M2	14400 CMH	Dia:350mm*2	2
Z90	2 PCS	90 M2	16200 CMH	Dia:350mm*2	2
Z100	2 PCS	100 M2	18000 CMH	Dia:400mm*2	2
Z110	2 PCS	110 M2	19800 CMH	Dia:400mm*2	2

* Airflow for typical working conditions; PIs contact us for configurations for your specific application .

Shaker Bag Dust Collector

Standard Components

- Bag filter chamber
- Bag access door
- Multi-pocket type bags
- Bag insert coils
- Bag locking structure
- Centrifugal fan
- Fan chamber
- Fan access door
- Shaker motor
- Legs & bracings
- Hopper
- Slide gate
- Dust bin
- Inlet spigot c/w deflector plate
- Prime and surface painting
- Necessary fastening parts

Optional Components

- Fan chamber acoustics lining
- Fan control cabinet
- Shaker motor controller
- Other material/finish bags
- Separate fan chamber
- Differential pressure gauge
- Pre separation chamber
- Explosion vent
- Dust bin lift
- Epoxy painting