



DISAB Filter Separator BEAT

Usage

The BEAT-Series are complete stand alone vacuum filter separators designed to be part of a vacuum system by connection to a vacuum unit. The upper part of the unit contains the main filter system and filter cleaning equipment. The lower square part and the conical part is the dustbin for separated and collected material, and shall be equipped with discharge device adopted for material and operation conditions. Dry material and even liquids can be handled by the filters.

The Filter Separator is equipped with automatic ATM (air repulse) filter cleaning. When activated, large air inlets will ensure a fast backwards air direction through the filter bags, thus in an efficient way knocking off collected dust from the filter bag surface. The filters can also, as an option, be equipped with pneumatic JETpulse filter cleaning as well as several monitoring devices i.e. high level control, Dp-control etc. The BEAT filter separators are designed for stationary operation and shall be placed on a steel structure stand support adapted to selected discharging system.

Characteristics

For use in any industrial application where reliable filters are requested for separation of dust or material. BEAT is designed for stationary installation, and can be used for both indoor and out door operation.

Benefits

The BEAT Filter Separators meet the high demands from the industry due to its efficiency, reliability, ease of operation and maintenance giving excellent value for money.

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Other benefits include:

- Rigid design for industrial use
- Designed for high vacuum systems
- Filter systems for most materials and even liquids
- Automatic filter cleaning without compressed air
- Hopper with favourable discharger angle and inspection door
- Several options for filter quality and accessories

Technical Data Chart for DISAB filter separator BEAT

Description

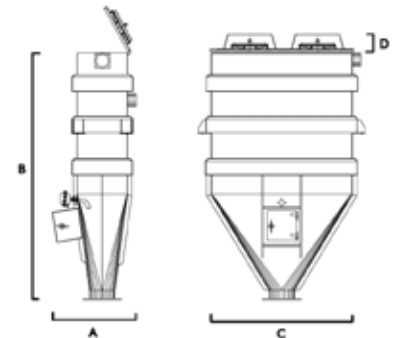
Max Vacuum, Mbar	500	Filter Surface, (m ²)	5 (5) 10 (10) 15 (15) 23 (23) 30 (30) 45 (45)
Dustbin Volume, (m ³)	0.2 (5) 0.3 (10) 0.6 (15) 0.6 (23) 1.1 (30) 1.1 (45)	Clean Air Connection, dia. (mm)	108 (5) 152 (10) 152 (15) 152 (23) 152 (30) 152 (45)
Dust Inlet Connection, dia. (mm)	108 (5) 152 (10, 15, 23, 30, 45)	Discharge flange, dia. mm	200 (5) 250 (10, 15, 23) 300 (30, 45)

Miscellaneous

Filter class	L, M IEC EN 60335-2-69	Painting	System C2, RAL 3003 red
Material	Steel S 235 JG2		

Weight and Dimensions

A x B x C x D (mm)	885 x 2,120 x 885 x 180 (5) 750 x 2,220 x 1,610 x 180 (10) 720 x 2,725 x 2,190 x 180 (15) 720 x 3,240 x 2,190 x 180 (23) 1,810 x 2,510 x 1,750 x 180 (30) 1,810 x 3,015 x 1,750 x 180 (45)
Weight, kg (approx, excl. stand)	220 (5) 480 (10) 728 (15) 867 (23) 1,130 (30) 1,410 (45)



BEAT is the reliable and robust filter separator that fits most industries. The separator is equipped with the vacuum-controlled filter cleaning system ATM (re-pulsing cleaning).

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