



DISAB Filter Unit BEASS

Usage

DISAB BEASS-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 the main filter system and filter cleaning equipment. The lower 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. BEASS is designed to handle those types of dust and material that will allow discharge through a conical hopper opening. Any type of discharge system can be connected to the bottom flange, flap valve, sluice system or big-bag filling.

Vacuumed material is first separated in the fall chamber where heavier material fall by gravity into the bin compartment. From there the air stream will continue to the main filter system where the remaining fine dust will be separated. Collected material is discharged through the bottom valve system which shall be designed for the specific material and operational condition of the vacuum system.

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.

Characteristics

DISAB BEASS is to be used in any industrial application where reliable filters are requested for separation of dust or material. BEASS is designed for stationary installation.

Typical users are Energy & Power plants, Cement & Concrete, Pulp & Paper, Bulk & Minerals, Steel & Foundry, Building Material, Cleaning Contractors and more.

Benefits

DISAB BEASS meets the high demands from the industry due to its efficiency, reliability, ease of operation and maintenance giving excellent value for money.

Other benefits include:

- Can be used for both indoor and outdoor operation.
- 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.

Technical Data Chart for DISAB filter separator BEASS (5, 10, 15, 20)

Description

Max vacuum, mbar	500	Filter surface, (m²)	5 (5) 10 (10) 15 (15) 20 (20)
Dustbin volume, (m³)	0.3 (5) 0.6 (10) 1.1 (15) 0.6 (20)	Dust Inlet connection dia. (mm)	108 (5) 152 (10) 152 (15) 152 (20)
Discharge flange, dia. (mm)	250	Clean air Connection, dia. (mm)	108 (5) 152 (10) 152 (15) 2x152 (20)

Options

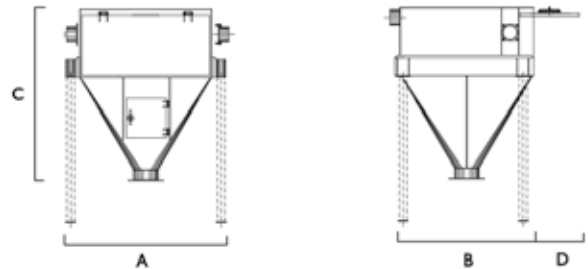
Dust Bin Level Control, PaddleType	Filter Cleaning, JET-Pulse	Bin Level Control, Vibrator Type	Separate Control Box, for ATM-filter cleaning
Extra Noise Insulating ATM-Valve	Stand Double Dump Valve Discharge	Filter Cleaning, ATM-Repulse	Stand for Flap Valve Discharge

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)	1,000 x 1,450 x 1,630 x 1,490 (5) 1,610 x 1,470 x 1,790 x 2,000 (10) 2,170 x 1,490 x 2,270 x 2,000 (15) 1,630 x 1,490 x 2,380 x 1,880 (20)
Weight, kg (approx)	280 (5) 600 (10) 780 (15) 855 (20)



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

DISAB filter separator BEASS is designed for stationary installation and has always to be connected to a vacuum unit to make a complete vacuum system.