



## DISAB Vacuum Unit PES-5

### Usage

DISAB PES-5 units are a series of free standing vacuum units, to be used in conjunction with any type of filter separator. DISAB PES-101 creates vacuum and air volume needed for conveyance of bulk material or vacuum cleaning operation.

Conveyed material shall not reach the PES unit but be filtered and collected in suitable model of filter separator, depending on material to be conveyed. The benefit of this separate vacuum unit is, that it can be used in conjunction with any type of filter separator. Connection to filter separator is made through a flexible hose or a fixed steel pipe.

### Characteristics

DISAB PES-5 is to be used in any industrial application where reliable and rigid units are requested for creation of high vacuum and large air volume. The unit is delivered with an electrical panel comprising all controls for start/stop and operation of the unit, as well as controls for selected filter separator, i.e. filter cleaning, discharging, etc.

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

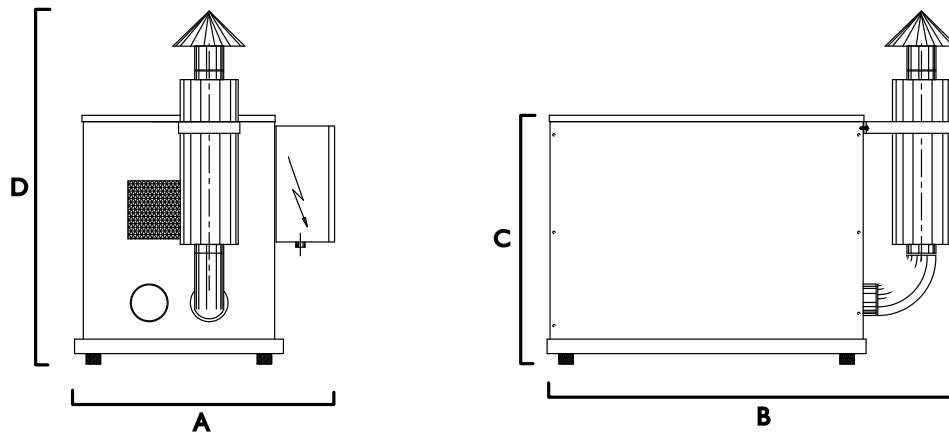
### Benefits

DISAB PES-5 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.
- Equipped with exhaust silencer and insulated housing for low noise emission.
- Easy to transport/install with built-in holders for forklift, or lift with a crane.
- High capacity using an electrically powered vacuum pump of side channel blower type.
- The vacuum pump and the electrical driven motor are placed inside a rigid and insulated housing of steel.
- The housing is equipped with doors on both sides for easy access during maintenance and service.
- The unit is delivered with an electrical panel comprising all controls for start/stop and operation of the unit, as well as controls for selected filter separator, i.e. filter cleaning, discharging, etc. Safety devices for overheating, max vacuum and motor over load is standard.

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Layout above is for one of our models and might vary.

## Technical Data Chart for DISAB vacuum unit PES-5

Weight and Dimensions	PES-5.5,5	PES-5.12,5	PES-5.16,5
A (mm)	720	720	950
B (mm)	1450	1450	1100
C (mm)	800	800	800
D (mm)	1500	1500	1500
Weight, kg (approx)	250	325	460

## Description

Vacuum pump	Electrically powered vacuum pump of side channel blower type		
Max vacuum, mbar	290	290	400
Air volume m <sup>3</sup> /h (unloaded)	550	1100	1100
Electrical motor, kW	5,5	12,5	16,5
Voltage frequency, V/Hz	400/50		
Safety Filter Surface (m <sup>2</sup> )	9		
Noise level dB(A) (at 5 m distance)	72		
Hose Pipe Connection, dia.(mm)	108		

## Miscellaneous

Hose connection	Dia 108 mm
Material	Steel S 235 JG2
Painting	System C2, RAL 3003 red

DPRO-PES6-0420-ENG