

# Pad Filters CFP



## Features

- Limited size for filtering area up to 150 m<sup>2</sup>
- Cleaning by counter current compressed air (tank does not require to be proofed again)
- Filtering pads adapted to the different kinds of products

## Uses

- Silo decompression
- Pneumatic handling
- Cooling
- Grinding
- Bulk pit cleaning
- Cleaning of dust emission points on handling equipment (inlets, outlets,...)
- Bags unloading



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## Features and options

### Monitoring of filtration processes



Our sequencer is designed to control and monitor the pads and sleeves filters cleaning.

The solenoid valves are inserted into the sequencer.

This device is set according to the required use.

The sequencers are fitted with a  $\Delta P$  module, controlling the start-up and stop of the cleaning operation. This device saves air and improves filtration.

It is equipped with :

- High and low  $\Delta P$  alarms (with relay output)
- A  $\Delta P$  threshold and an input for fast running
- A control of an electric fault
- An analog output for the remote monitoring of  $\Delta P$  measurement
- 2 relay outputs to report faults and control the cleaning.



Centralized dedusting



Pads filter for silo depressurization



Bag emptying pad filter

### Regulation

- Atex 94/9/CE compliance on request
- Compliance to the regulations in force and to specific requests in regards of dust discharge
- Air tank compliance to the 97/23/CE pressure equipment directive does not require to be proofed again



### Anti-explosion risk solutions

- Use of antistatic filters
- Installation of explosion vents (to be specified according to: implementation, capacity, product KST,...)
- Installation of a decoupling valve
- Reinforcement of the filter
- Clogging monitoring of the filter by measuring the Delta-P
- Control of the state of filters
- Wastes control
- Inert gas injection