



## Envelope Reverse Pulse Bag Filters

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**ACTOM**

# Envelope Reverse Pulse Bag Filters



## FM Filcomatic (Cased Units)

Automatic reverse pulse fabric filter designed in modular format to give a compact filter for continuous operation with high dust loads and constant pressure drop. The flat bags give maximum cloth area with minimum space and the modular construction allows accurate sizing of the filter to design air volume. The filter is arranged for top inlet of dust laden air and the downward flow assists the natural fall of the dust thereby reducing re-entrainment and improving efficiency by up to 25%. All maintenance is from the clean air side and a number of different dust disposal methods are available to suit a variety of applications.



## FMI Filcomatic (Insertable)

Insertable filter uses the same basic design features as the FM unit and is manufactured in a range of sizes from 4 m<sup>2</sup> to 60 m<sup>2</sup> of cloth area with or without integral fan. The units are designed to be incorporated into other equipment such as pneumatic conveying systems, silos, conveyor belt transfer points, mills and in fact any application where the collected dust can or needs to be returned to the process.

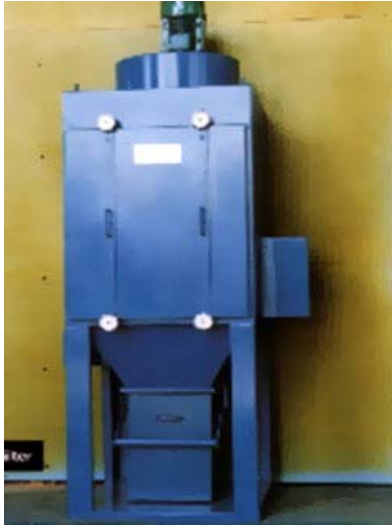


## FMU Filcomatic

Automatic reverse pulse fabric to give a compact filter for continuous operation with high dust loads and constant pressure drop. The flat bags give maximum cloth area with minimum space and the modular construction allows accurate sizing of the filter to design air volume. The filter is arranged for top inlet of dust laden air and the downward flow assists the natural fall of the dust thereby reducing re-entrainment and improving efficiency by up to 25%. All maintenance is from the clean air side and a number of different dust disposal methods are available to suit a variety of applications.

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## Shaker Reverse Pulse Bag Filters:



### Dustmaster

There are two sizes of cloth area of 20 m<sup>2</sup> and 30 m<sup>2</sup> and four basic modules; the filter, hopper and collection bin, bag tip base and fan. These can be assembled in any variation to suit the particular application and can also be grouped together to increase the range of sizes.

Mechanical shaker dust collectors are designed for intermittent operation, are compact and the unit construction allows a wide variety of combinations to give a range of filters to cover most small dust control problems.

## Selected references:



Insertable filter on a bucket elevator



Insertable filter on conveyor



2 x FMI 20 F3, each serving a conveyor transfer



Filcomatic Flat Panel Reverse Pulse Filter



Flat Bag Insertable Filters pneumatic conveying



Flat Bag insertable filters silo vents