



## DUST FILTERS

The filter housing is made of sturdy steel plate with a reinforcement of structural steel frame. Equipped with inlet and outlet openings for the dusty or filtered air. The inspection cap is used to control the automatic filter and has a flap for access to the built-in filter cartridges. These are made of folded polyester material having a filter area of each of 8 and 14 m<sup>2</sup>. Provided with upper and lower reinforcing rings of plastics material for fastening in the holders.



The dust drawer is equipped with wheels, allowing easy extraction during disposal of the dust.

The centrifugal fan with a flanged electric motor and the fan / motor unit is built up in the filter housing - the motor is bolted with its flanges on the filter housing and surrounded by the sound enclosure.

All filter systems from 7.5 kW upwards in the control box, an automatic star-delta switch is integrated. All other specific details of each filter systems can be found in the specified offerings that we send you each. Of course we advise you in advance and make you an offer for the filtering system that is adequate and appropriate for their needs. The system is CE - tested. For the used filter cartridges you get a BIA - test certificate.



air output	engine power	filter area
1,000 m <sup>3</sup>	0.55 kW	8 m <sup>2</sup>
2,200 m <sup>3</sup>	1.1 kW	14 m <sup>2</sup>
3,300 m <sup>3</sup>	2.2 kW	14 m <sup>2</sup>
4,000 m <sup>3</sup>	4 kW	56 m <sup>2</sup>
5,000 m <sup>3</sup>	7.5 kW	84 sqm
7,500 m <sup>3</sup>	11 kW	84 sqm
10,000 m <sup>3</sup>	15 kW	112 m <sup>2</sup>
15,000 m <sup>3</sup>	2 x 11 kW	224 m <sup>2</sup>
17,500 m <sup>3</sup>	26 kW	168 m <sup>2</sup>
20,000 m <sup>3</sup>	2 x 15 kW	196 m <sup>2</sup>
30,000 m <sup>3</sup>	3 x 15 kW	336 m <sup>2</sup>

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Larger dust filter systems on request!

\* Design type → Super filter without automatic cleaning (optionally with automatic. Cleaning)