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*Waste disposal with a system*

## The cartridge filter from the JP series

Deltoid dust removal devices from the JP series serve to keep the air clean and are suitable for continuous operation.

The targeted airflow in the filter housing and the pre-separation of larger, heavier and partly abrasive dust particles have many advantages, such as lower impact of dust in the filter medium, lower filter surface stress and protection of the filter medium.

The filter apparatus is completely assembled and delivered (in the case of larger apparatus, separated into the upper and lower part).

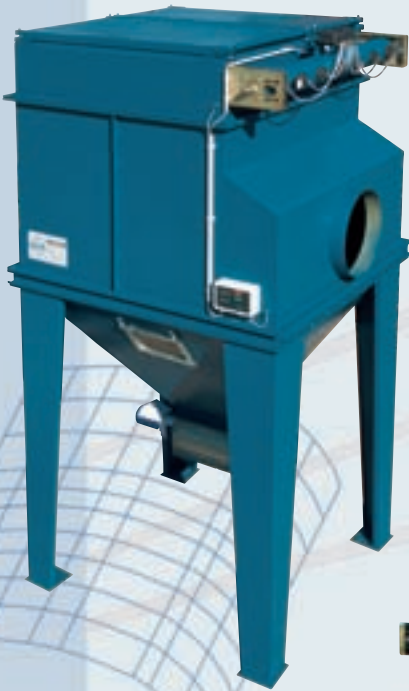
The electrical section of the plant consists principally of two components:

- The electrical filter control
- The solenoid valves  
(Directly on the reed valves)



## Technical information

# The cartridge filter from the JP series



### Functioning of the cartridge filter

During operation, the dusty air flows through the raw gas inlet into the pre-separator and then into the raw gas chamber.

The dust settles on the filter elements on the external side here as it flows through. The cleaned air is driven through the clean gas chamber.

Regular cleaning of the dirty filter elements takes place automatically by means of the filter control unit. A blast of compressed air is sent into the inside of the filter elements via suitable pneumatic valves, whereby the deposited dust on the outside is cleaned off.

The compressed air pulse is of very short duration so that no reduction of the amount of air supplied can be registered.

The dust removal apparatus can be equipped with the various dust extraction systems and are suitable for the most diverse fields of application.

The installation of filter cartridges takes place either from above or through the side wall, according to design. The cartridges are fastened using three screws. Upon installation from below (through the side wall), the seal is already dovetailed with the cartridge flange.

Upon installation from above, seal via O-ring is necessary for each cartridge. This is slid over the cartridge until it is under the flange.

### The advantages of the cartridge filter at a glance

- Low compressed air consumption
- High lifetime of the filter cartridges
- Low noise level
- Easy to maintain
- High operational availability
- Maximum working safety



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