AAS AERSTAR 4

Silo vent filter **AERSTAR AAS 4** with housing

Filter bag inserts removed from the top

This AERSTAR model is not integrated into the silo or rather the container, but it is based upon it. The fan is needed where the filter resistance can´t be conquered by internal supply air.

Functional Description

The cleaning occurs during an online process (while the system is in operation). During the counter-current process, compressed air is blown into the inside of the filter bags with drawn-in secondary air. The mass inertia forces discard the dust that is adhering to the outer surface of the filter bag. This process repeats itself at precisely set intervals from one filter bag to another.

The intervals can be exactly set in relation to the dust concentration using the Pulstronic microprocessor

control unit. The filter elements can be installed horizontally or vertically; the connections for the crude and pure gas are freely selectable. Because there are no sources of ignition within the filter, the AAS AERSTAR is approved and suitable for all explosion zones. If required, it can also be supplied as a pressure surge-resistant model or with pressure relief. The AAS AERSTAR can also be equipped with a fan which is directly attached to the system on the pure gas side.

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