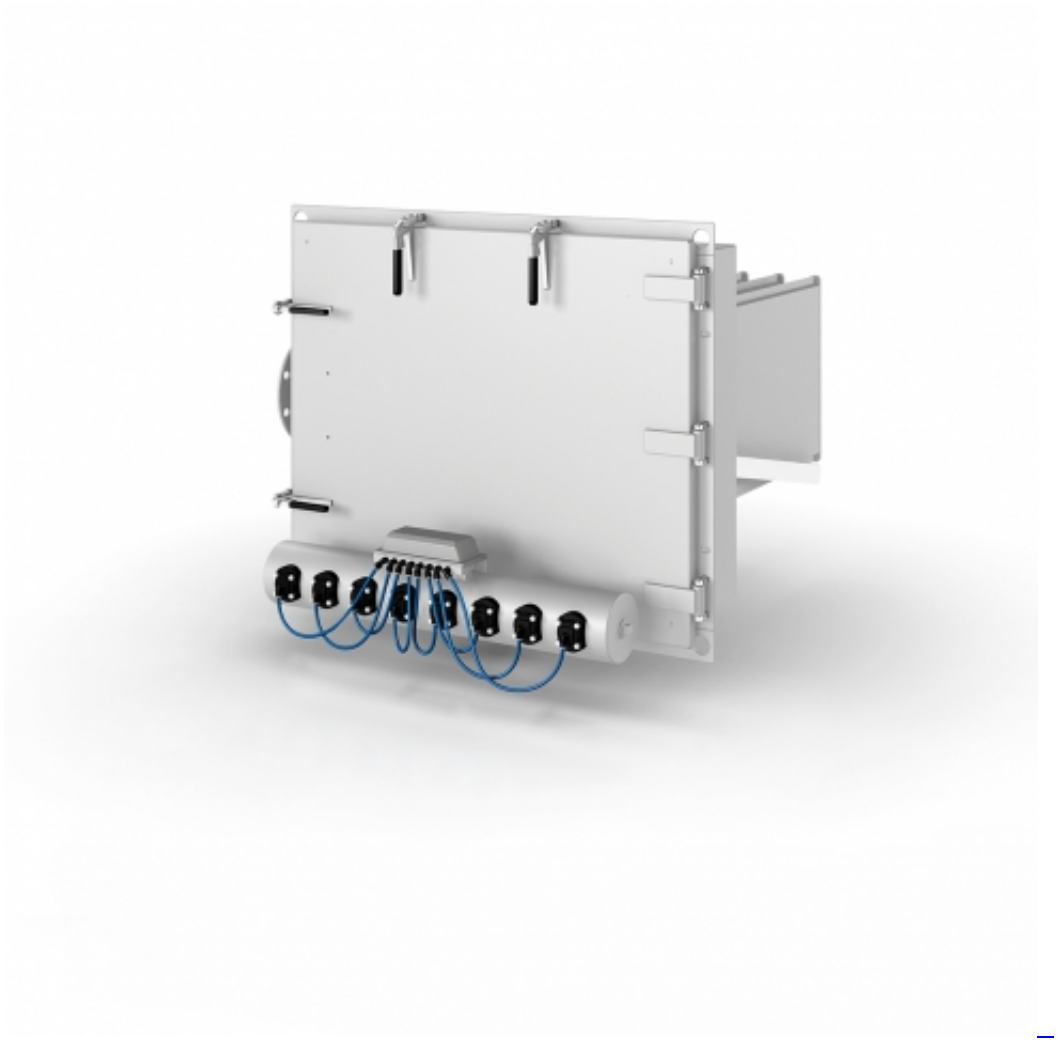
AAS AERSTAR U



AERSTAR AAS U filter mountable for vacuum conveying systems for extremely high vacuum:

- Standard version up to -5,000 daPa
- Special filter design up to -8,000 daPa

Suction conveying systems with rotary piston blower or vacuum pump can not tolerate air leakage!

Especially for this purpose, we have developed a block filter which is used in separators. Robust welded construction in standard or stainless steel for a negative pressure of -8,000 daPa.

Execution: Robust, absolutely tight welded construction in carbon steel with service opening on the clean gas side and connecting pieces to the conveying system.

Avaiable on request: Parts that are contacted with the dust can be made completely in stainless steel!

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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