

A cost-efficient bag filter investment.

The SimPact 4T bag filter series in sanitary stainless-steel design has a compact and sturdy cylindrical design. The filter comes with or without CIP.

The efficient down flow co-current filtration ensures effective product recovery and emission control. The efficiency is among other ensured through the cyclonic type scroll inlet which can be constructed as a wraparound type.

Utilization of filter bags up to 11 meters gives a high filter cloth surface on a small footprint.

Benefits

Efficiency

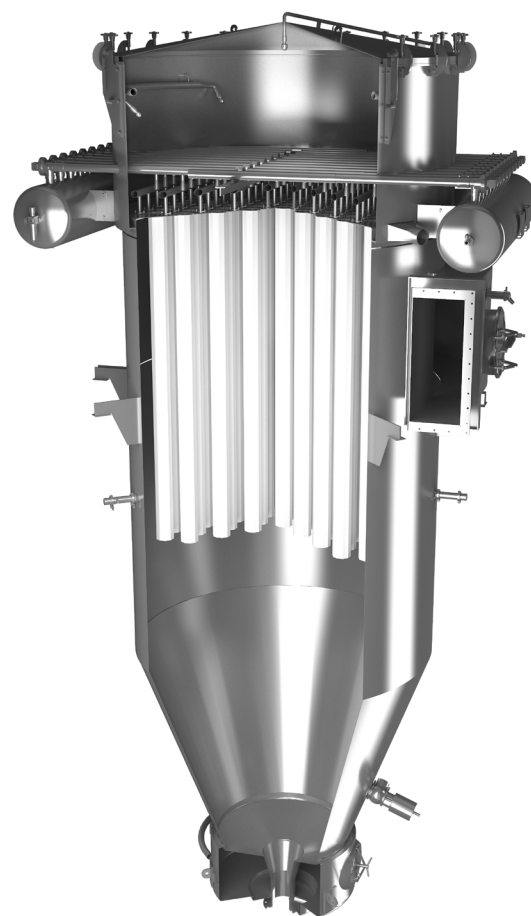
- The pulse-jet system automatically cleans the bags on-line row-by-row.
- Utilization of filter bags up to 11 metres gives lower footprint.
- Wraparound air inlet ensures even air distribution between the bags and so minimizing the risk of swinging bags.

Savings

- Low initial investment.
- Minimum downtime, resulting in high up-time.
- The filter control system helps maintain a low pressure-drop over the bag filter – saving both compressed air and energy.
- Only 4 bar pressure air for pulsing of bags.
- Low pressure drop over the bag filter results in less exhaust fan power consumption.

Flexibility

- Continuous filtration of high valuable products.
- Low load (A/C ratio) on bags.
- CIP for dustless bag change.
- CIP for hygienic powder recovery.



Features

- Capacity: up to 98.000 m³/h at A/C of 2
- Filter size: up to 794 m² filter surface area
- Typical vacuum resistance 5.000 Pa
- Pressure shock resistance: up to 2.0 bar
- Compliance to applicable regulatory requirements

Options

- CIP (Cleaning in place)
- Heating jacket or conventional insulation
- Fluid Bottom incl. control
- Explosion venting panels
- Suppression system

Applications

- Dairy powders
- Beverage powders
- Food ingredients
- Speciality powders

Construction forms

Inlet: 04 12, 17 and wrap around inlet
Fluid Bottom: 08