SimPulse 3C High Temperature bag filter/ central aspiration systems

Single-bag cleaning technology for high capacity air filtration giving you the benefit of long bag life and energy savings and more full load up-time hours.

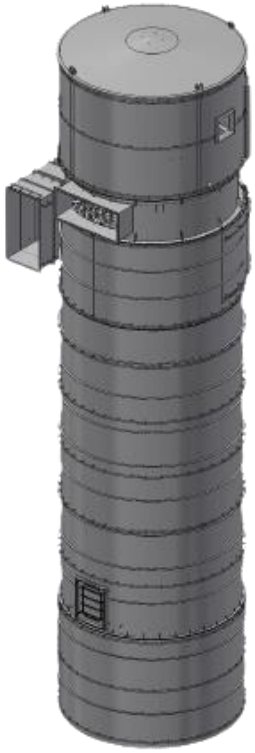
The SimPulse 3C represents a generation of baghouse pulse-jet filters. It uses a unique, well proven & robust filter technology for high temperature bag filters based on high pulse energy, high pulse volume and low pulse pressure.

Benefits

Efficiency
- The high energy and low pressure combination gives uniform cleaning and longer bag-life.
- Minimum temperature gradients in the filter chamber mean a reduced risk of condensation and corrosion. This means a longer life time for your filter.
- Low A/C ratio giving low pressure drop over the bag filter.
- 100% down-flow filtration (essential for sub-micron bag-cleaning)

Savings
- The mechanical, PLC-controlled pulse-jet system ensures controlled, reliable, and efficient cleaning of filter bags.
- No need for high-pressure compressor means low energy consumption. Savings on investment and energy costs.
- More full load up-time hours.
- Risk for condensation eliminated.

Flexibility
- 3C bag filter clusters of up to 6 bag filter units.
- On-line cleaning.
- The single-bag cleaning technology means long cleaning intervals.
- See **Options**



Features
- Capacity: up to 360.000 Am³/hour in a 6 bag filter unit cluster
- Cleaning pressure: 0.6-1.2 bar (14 to 30 psig)
- Up to 250°C continuous operation
- PLC-controlled pulse-jet system
- Small foot print
- 11 meter filter bags

Options
- Indoor installation
- Support frame and railing for indoor installation
- Insulation and cladding for outdoor installation
- Claw compressor for cleaning air supply
- Flat scraper bottom
- Fluid bottom heating unit incl. control
- Single bag leak detection
- Integrated dynamic pre-separator and wear protection of filter bags

Applications
Waste and energy, Biomass, Minerals and Metals, Fertilizer, Cement, Recycling, Large Scale Aspiration Plants.

Construction forms
Inlet: 04 12
Flat Scraper Bottom: 05

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