

SIMATEK
Filter Technology

Simatek at a glance

Setting new standards for
sanitary bag filter technology



Simatek at a glance

Setting new standards for sanitary bag filter technology

Best Available Technology (BAT)

Simatek develops bag filter technology for dairy powder producers needs.

1. Special inlet design to avoid swinging bags
2. High focus on health & safety
 - Explosion protection
 - Working environment
 - No confined spaces
3. Single bag leak detection
4. Powder recovery
5. Sub-zero can velocity

Low Cost of Ownership

1. Small footprint
 - Utilization of bags up to 40'
 - Savings in building cost
2. Reduced energy consumption
 - up to 30% on the exhaust fan
 - up to 80% on the pulsing energy
3. Up-time
 - Flexible bag pulsing system
4. Low maintenance costs
 - Longer bag life
 - Short bag change time
 - Easy preventive maintenance



Pulse Air Distributor (PAD)

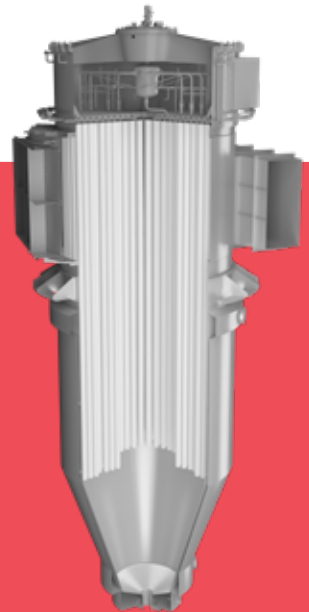
Simatek unique single bag pulsing system.

1. Low pressure high volume pulse air
 - Longer bags
2. Heated pulse air
 - Eliminating risk of condensation
3. Low air to cloth ratio
 - All time full capacity
4. High efficient energy claw compressor for pulse air

Sanitary Design

Simatek fulfils the highest sanitary requirements.

1. 3-A symbol certification.
2. USDA cleanability acceptance.
3. EN 1672-2 and EHEDG compliance
4. Blockage free USDA certified CIP-nozzles
5. Bag CIP inside-out and outside



An optimised investment. Efficiently delivered.

Founded in 1981, Simatek is a leading manufacturer of industrial air filtration solutions. Our high-tech products and systems optimise footprint, performance and maintenance for industrial plants worldwide. All at a low cost of ownership.

Our main areas:

- Dust collection and aspiration: A wide range of pulse-jet bag filters designed to work with dust explosive atmosphere and meet international standards and certifications.
- Process air: A range of sanitary and non-sanitary bag houses for the processing industry – including process filters with Cleaning in Place (CIP) and super sanitary bag houses conforming to the 3-A standards and USDA guidelines.

Unique technology and specialised expertise are at the heart of everything we do at Simatek. Our core team of dedicated employees – alongside our global network of partners and representatives – are ready to help you find the solution that will benefit your business the most.

We call this an optimised investment, effectively delivered.

SIMATEK
Filter Technology

Simatek A/S

Energiens hus, Energivej 3
DK-4180 Sorø
Denmark

Tel (+45) 58 84 15 00
Fax (+45) 58 85 41 07
Mail office@simatek.dk
www.simatek.com