PulsePak® Prime

POWERED BY

REDClean® Media

Design | Engineering | Manufacturing | Maintenance | Spare Parts

aafintl.com

AAF INTERNATIONAL

Bringing clean air to life.®

Large capacity in a small footprint

With a unique vertical filter cartridge arrangement, the PulsePak® Prime has a compact design, which allows for maximum flexibility when meeting space requirements. Large, hinged access doors allow for minimized inspection and cartridge change-out time since multiple filter cartridges can be externally accessed through one door. By using a venturi design, PulsePak® Prime cleans more efficiently by ensuring an even dust removal during pulsation.

PulsePak® Prime operates with a lower differential pressure than other designs by combining true downflow of the incoming dust-laden air with the unobstructed "free-fall" of the dislodged dust to the hopper.

With a standard ledgeless, 60 degree sloped hopper, the PulsePak® Prime is able to handle high dust loads without hopper clogging or bridging.

It is suitable for a wide variety of air flows (from 3,000CFM up to 90,000CFM) and able to operate both indoors and outdoors due to the small space required and the simplified side door maintenance.

A strategic part in the process

Reduce emissions and recover the product using the PulsePak® Prime in any of these applications.

Bulk Material Handling

- Silo Venting

Bulk Material Conveying

Material Processing

- Drying
- Mixing
- Granulating

Food & Beverage

Industrial minerals

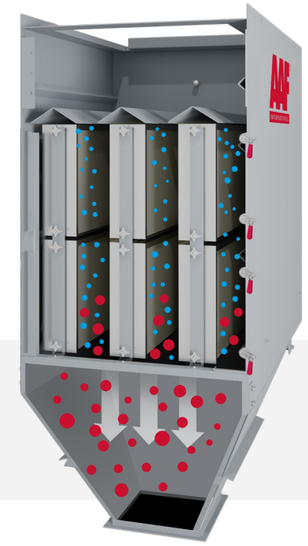
Wood, pulp and paper

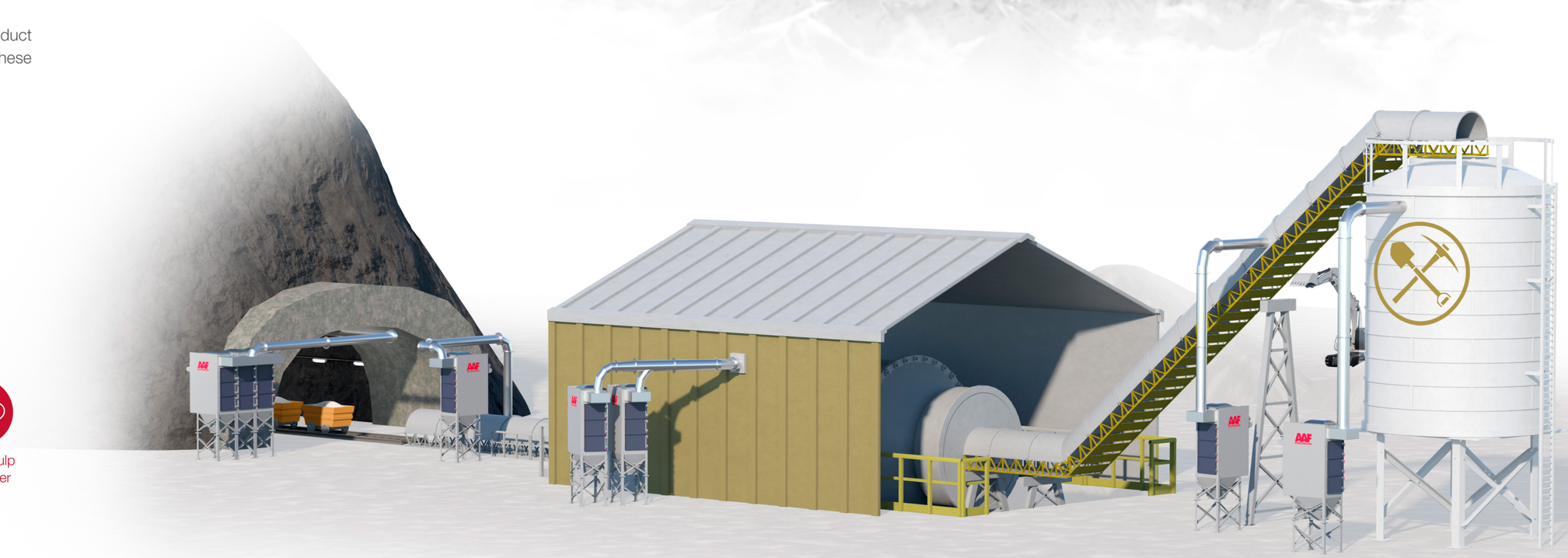
Downflow + Vertically Arranged Media = Lower Differential Pressure

The PulsePak® Prime combines top inlet downflow of the incoming dust-laden air with the vertically arranged filters allowing for an unobstructed "free-fall" of the dislodged dust to the hopper. As a result, the PulsePak® Prime design provides:

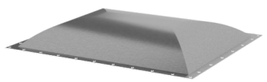
- Increased filter efficiency
- A lower differential pressure
- Increased efficiency during the cleaning cycles

Smaller particles are filtered through AAF standard MERV 15 rated media, while larger particles fall straight into the hopper allowing for lower pressure drop.



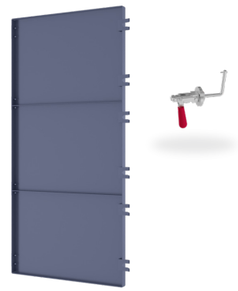


Equipment overview



❶ Explosion vent

Option available for combustible applications.



❷ Cartridge access door & Door Lock

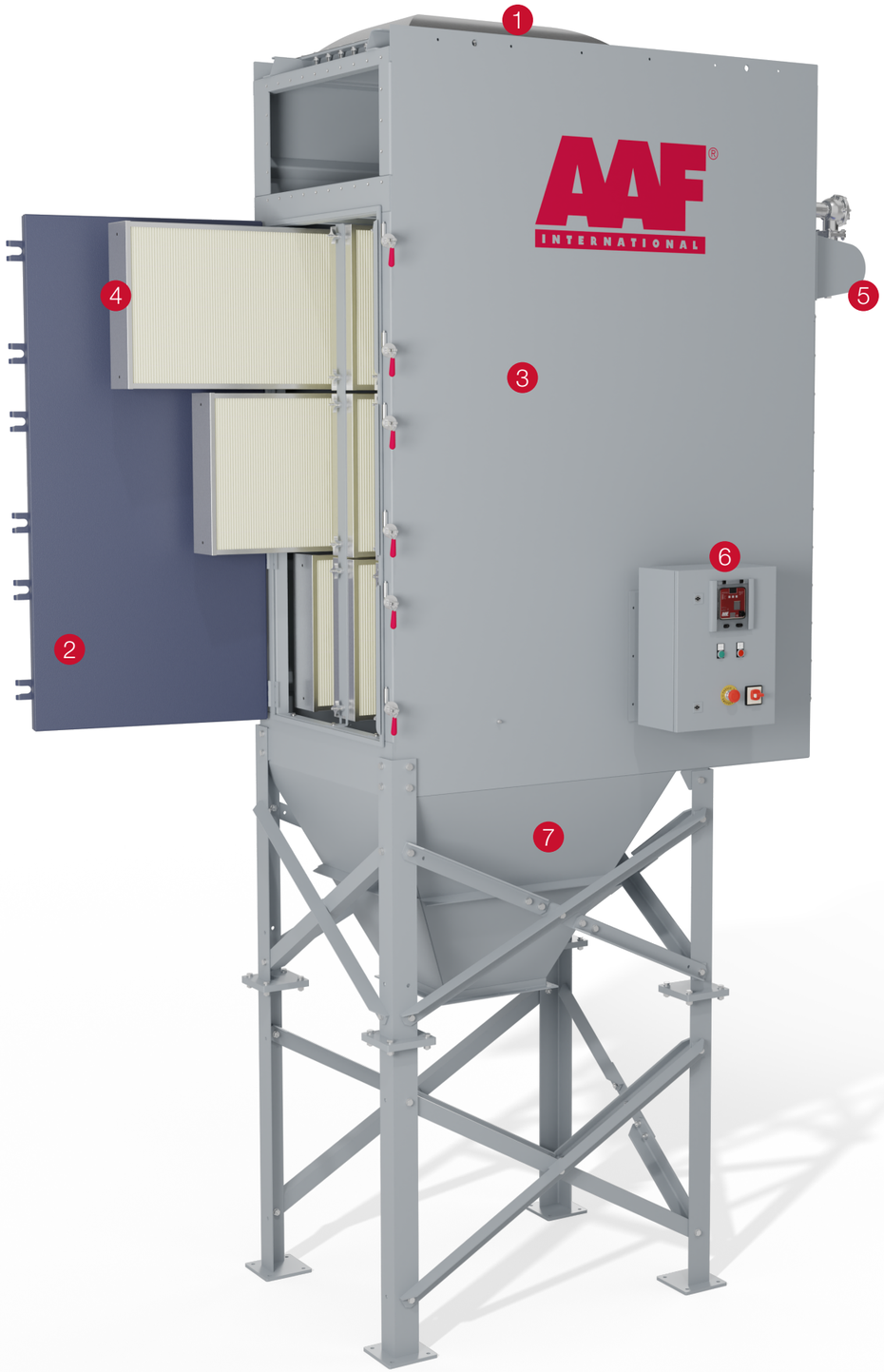
Large doors simplify maintenance, allowing easy access to the filters through a sturdy door lock.

❸ Construction

Built from 10 gauge and 3/16” steel. Fully welded design built to last in the most demanding environments.

❹ Cartridge

Downflow panel pak filters for better dust drop and more volume inside the collector.



❺ Compressed air cylinder

Easily accessible built-in compressed air cleaning system for simplified maintenance.

❻ Control panel

Compact and intuitive design to make pulsing the cartridges easy.

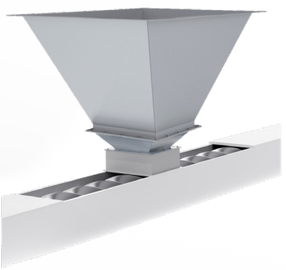
❼ Discharge system

Multiple options available to meet any application’s needs.

① Slide gate

② Rotary

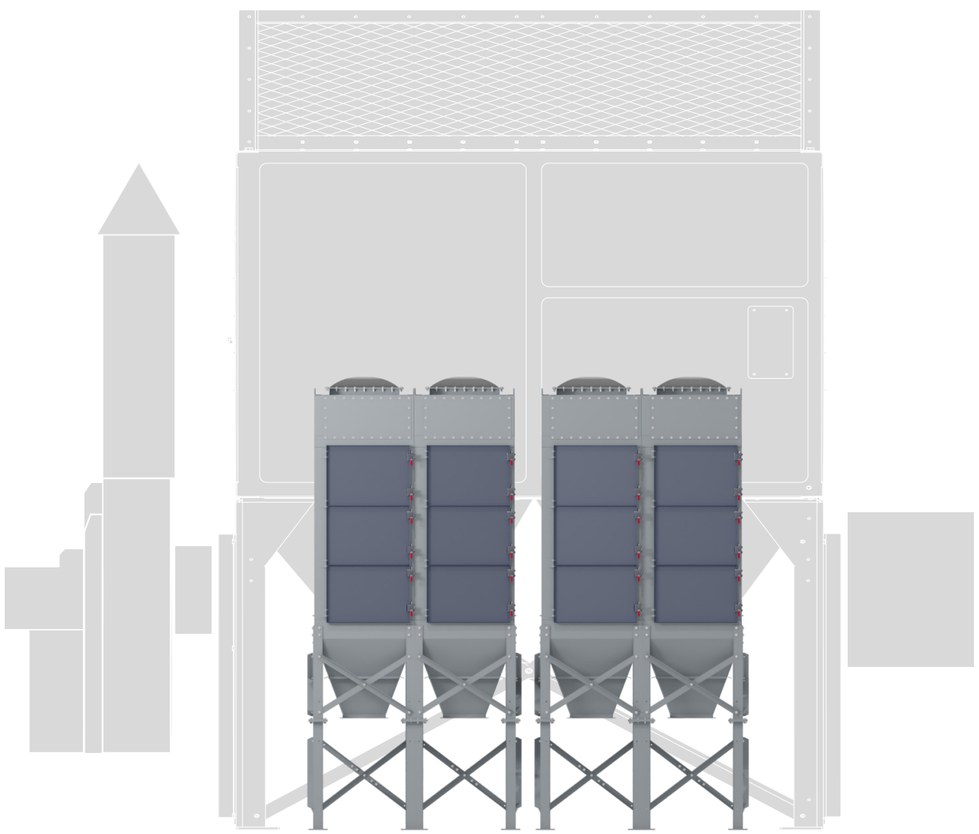
③ Worm screw



④ Drum

Minimum, easy maintenance

The PulsePak® Prime's compact, flexible design with high dust load capability makes it perfect for small indoor spaces and gives it the ability to utilize multiple units in tandem for larger applications. Its side access allows for less labor and equipment necessary to change out the filters, for less downtime in your production. For example, one PulsePak® Prime Filter can replace 16-14' long filter bags, reducing your downtime for filter replacement.



Benefits of the PulsePak® Prime over other equipment:

- Two Person Cartridge Change Out
- Small Footprint
- Longer Cartridge Life
- Higher Dust Loads
- Customizable in Size (7 Different Arrangements)
- Downflow Design for an Efficient Pulse Cartridge Cleaning

REDClean® The right filter for your application

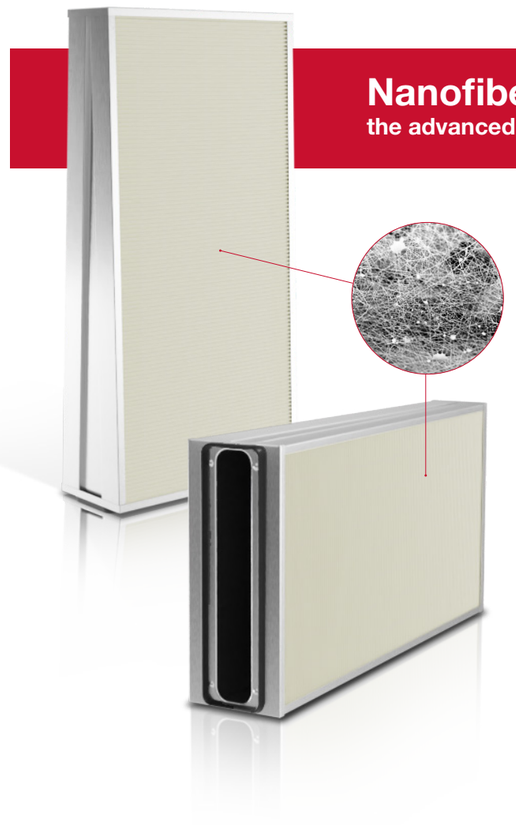
PulsePak® Prime propietary nanofiber pleated cartridge

With an excellent dust release, **PulsePak® Prime REDClean® NFR** filters are suitable for the most hazardous industrial applications, reducing the total cost of ownership and energy usage while ensuring longer life.

Designed to ensure consistent open pleat spacing for full media utilization and optimal pulse cleaning.

The REDClean® cartridges are especially designed to reduce the loss of operating pressure and the compressed air consumption, which translates to advantages such as:

- Low energy consumption
- Excellent releasing of dust
- Extending of the service life
- Fewer cartridge replacements



Nanofiber
the advanced technology that results in cost savings

The outer layer of nano-fiber incorporated into REDClean® filters enables the filter to collect smaller particles, preventing them from penetrating the cartridge. This way the durability of the cartridge is increased and the cartridge replacement frequency is decreased.

Patented by AAF International, the technology based on the use of nano-fibers is leading the filtration market. The continuous efforts of AAF International in R&D and the search for a greater efficiency in filtration have provided a wide range of cartridges capable of meeting the filtration needs of the most demanding industries.

Bringing clean air to life.®

AAF International

Filtration has been at the heart of our business since 1921 and thanks to the high caliber of our products and services, we are trusted by many of the world's leading power and industrial companies. We provide our customers with the expertise, the solutions and the best available filtration technology to increase operational performance. Bringing clean air to life, our products provide the highest levels of indoor air quality, the lowest environmental emissions and the optimum safety conditions for employees and the wider community.

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