



DOWNFLOW HORIZONTAL CARTRIDGE DUST COLLECTOR

A Value Priced Cartridge Dust Collector
With Exceptional Velocity

Experience Value
NOW AND LATER

The Ventilair Downflow cartridge dust collector provides economical, reliable, high efficiency filtration in a compact size. Quality construction and simple design ensure long-term, trouble-free operation, superb fit and finish.

A wide variety of media and constructions are available, including:

- Cellulose/polyester blend (standard)
- Spunbond polyester
- Aluminized spunbond
- Spunbond w/PTFE
- Aramid

FEATURES

- Cartridges are quickly and easily serviced from outside the collector; no confined space entry permit, respirator, etc. needed.
- Modular panelized design allows easy capacity increases. Multiple units share common hoppers and minimize clean air ducting.
- Compact design saves space and is adaptable to height and footprint restrictions.
- Reduces energy consumption and provides higher efficiency than traditional Dust Collectors.

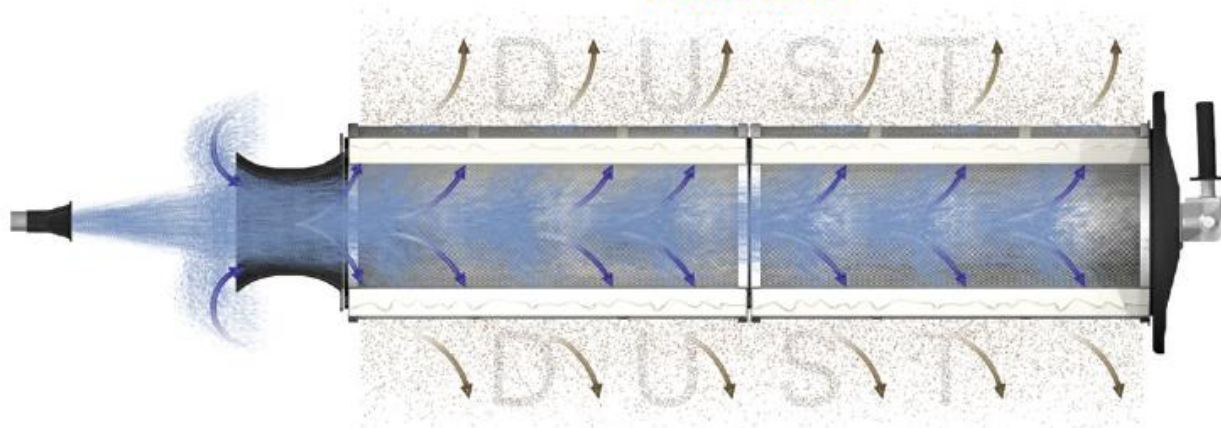
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Pulse Blast



At any point along the cartridge filter, the VIPL unit provides 25% or more pulse cleaning power than the competition.

Pulse Blast Benefits

Fewer pulses are needed to clean the cartridge filters, so less compressed air is used. This is a substantial cost savings for the customer over the life of the unit.

Filter life is increased because fewer pulse cycles mean less stress on the filter media. This equates to less frequent filter changes and significant reduction in operating costs.

Unobstructed airflow means there is more cleaning energy delivered to the filters to clean the entire length of the cartridge filter.

Optimized cleaning provides maximum filter efficiency with the lowest possible outlet emissions.

Hassle Free Dust Collection Solutions

Power past your production goals

Applications

VIPL dust collectors are suitable for many applications from fumes and nuisance dust to product recovery. Typical markets served include:

- Industrial Processing
- Metalworking
- Pharmaceutical
- Woodworking
- Powder Paint (ES paint)
- Laser & Plasma Cutting
- Gas Turbine
- Food
- Cement
- Shot Black
- Carbon Black
- Fumes
- Foundry
- Welding, etc.

Standard Features

- Mild steel all-welded construction with all surfaces primer coated and acrylic finish exterior.
- Ledge-free 60° hopper
- Damper pack
- Cellulose/polyester blend cartridges
- Limited 3-year housing warranty
- Timer with enclosure

Options

- Stainless steel construction
- High temperature construction
- Direct drive fans
- Silencers
- Abrasion resistant inlet
- Extended dirty air plenum
- Step sloped hopper
- 2-Module hopper
- Explosion vents
- Service platform & ladder
- Lined clear air plenum
- Bag-in bag-out construction
- HEPA after filter
- Custom color/coatings
- Rotary valves / screw conveyors
- Slide gates & drum cover
- Indoor / outdoor
- Solenoid enclosure
- Epoxy paint
- Increased & reduced leg height

Benefits of Downflow Horizontal Cartridge Dust Collector over Traditional Dust Collectors



A Smaller Dust Collection System Footprint

The combination of the VIPL pulse cleaning system and Filter cartridge filters also allow for higher air-to-media ratios, potentially reducing the size of the dust collector and number of cartridges needed for your facility—a significant cost savings overall.

Longer Filter Life

With less pulsing needed to clean surface-loading filter cartridges, stress on the filters is minimized, resulting in higher filter life of a commodity filter.



Less Power Consumption

The unique design of the Downflow Horizontal cartridge Dust Collector where air moves from Top (Inlet) to Bottom (outlet) with Gravity helps to prevent crucial pressure losses, resulting in lower power consumption by Blower.

Latest Industry Leading Design

VIPL Downflow Horizontal Cartridge Dust Collector's design is the most advanced design trending in the Dust Collection Industry and all major companies are using these units in their Factory for better performance and to beat the competition with latest technology.



Less Energy Use

The VIPL pulse cleaning system actually uses less compressed air. This is achieved through the combination of increased power behind each pulse blast and the superior surface-loading ability of filters. Each cleaning cycle is much more effective in removing dust from Horizontal filters than other Dust collectors.



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