

PULSATRON PF SERIES

Pulse Jet Cartridge Dust Collectors



Pulse Jet Dust Collector With a Very Small Footprint

Horizontally-Oriented Cartridges

The Pulsatron's nanofiber cartridges are positioned horizontally to provide a small footprint thus saving valuable floor space. The particulate from the cartridge above is directed by deflectors to keep it off the cartridge below.

Ultra-Efficiency Nanofiber Filter Media

Rated at MERV 15 efficiency, the Pulsatron's cartridge filters operate at a 40-60% lower pressure drop than traditional cartridge medias, resulting in lower energy consumption and a longer filter life. The media is tightly meshed of ultra-fine fibers 300 to 500 nanometers in diameter, effectively screening out sub-micron particles and assuring easy release of the dust cake during the cleaning cycle. For special needs, application-specific media options are also available.

Effective Automatic Cleaning

The Pulsatron's reverse-pulse cleaning system, together with its ultra-efficiency nanofiber filter media works to thoroughly empty the cartridges, assuring consistent performance and long filter life. The filter cleaning system utilizes a programmable logic controller (PLC) for reliability and flexibility.

Broad-Spectrum Dust Collection

Why do we call the Pulsatron our multi-purpose dust collector?

Because, for most types of dust* generated in the industrial shop, a high-efficiency cartridge collector sized to fit is simply the best answer.

Types of Dust

- Medium to fine particulate
- Light to heavy loading
- Various non-volatile* materials, including wood dust, composites, cement, dry powder, sand, plastic, smoke, toner, and welding particulate

Typical Processes

- Grinding
- Sanding
- Welding / Soldering
- Blasting
- Foundry
- Metal Fabrication
- Powder Coating
- Metallizing

*For potentially hazardous dust, Hydrotron Wet Collectors provide safe, efficient collection.



1-800-289-0189

FILTER 1

CUSTOM SPECIALISTS FOR INDUSTRIAL NEEDS

Cartridge Dust Collectors

PULSATRON PF SERIES

High-Efficiency Continuous Duty Cartridge Dust Collector



State-of-the-Art Collectors Built to Fit the Application, Every Time.

Features

- Ultra-efficient Nanofiber Standard Cartridge Media
- Automatic Reverse Pulse Jet On-line Cleaning, Sequenced by Solid State Programmable Logic Controller (PLC)
- Silencer Box Included in the Blower Package
- Backward-Inclined Direct Drive Blowers for Quiet, Efficient Operation
- 3PH TEFC Motor on Rubber Vibration Mounts
- Heavy Gauge All-Welded Cabinet with Industrial Blue Enamel Finish

Options

- Filter Media, Incl. 80/20 Blends, Spun Bond Polyester, Phenolic or PTFE Coated, High Temp, Metal Impregnated
- Hopper Slide Gate
- Sprinkler Heads
- Magnetic Motor Starters
- Safety After Filters (HEPA, Carbon) With Audible or Visible Alarms
- Hopper Outlets
- Rotary Air Locks
- Magnehelic Gauge
- Fussed Disconnect
- 55-Gallon Drum Kits
- Explosion Vents
- High-Temp Cut-Off
- Abrasive Inlet
- Linear Blaster Enhanced Filter Cleaning
- Cleaning: Automatic Off-line, Photohelic On-Demand, Manual Switch, or Continuous
- One Pulse Valve Per Cartridge (For Heavy-Duty Applications)
- VFC Control of Motor

Pulsatron PF Series

| MODEL | Number of Cartridges | Filter Sq Ft | Dimensions WxHxD (IN)* |
|---------|----------------------|--------------|------------------------|
| PF 4-1 | 4 | 904 | 40x108x85 |
| PF 8-2 | 8 | 1808 | 40x126x85 |
| PF 12-3 | 12 | 2712 | 40x145x85 |
| PF 16-4 | 16 | 3616 | 40x161x85 |
| PF 24-3 | 24 | 5424 | 80x145x85 |
| PF 32-4 | 32 | 7232 | 80x161x85 |
| PF 36-3 | 36 | 8136 | 120x145x85 |
| PF 48-4 | 48 | 10848 | 120x161x85 |
| PF 48-3 | 48 | 10848 | 160x145x85 |
| PF 64-4 | 64 | 14464 | 160x161x85 |
| PF 60-5 | 60 | 13560 | 200x145x85 |
| PF 80-5 | 80 | 18080 | 200x161x85 |

Larger Sizes Available: Consult Factory

Filter 1 has a policy of continuous design improvement and reserves the right to update designs and specifications without notice.

FILTER 1

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