

PULSATRON PFV SERIES

Pulse Jet Cartridge Dust Collectors



To gain the best performance in your cartridge dust collector, look for these features:

Vertically-Oriented Cartridges

The Pulsatron's large-capacity filters are positioned vertically for full, even dust loading and also for optimal cleaning, allowing the dust to fall unobstructed straight down to the hopper.

High-Efficiency / Fire-Retardant Filter Media

Rated at 99.9% efficient in the capture of particles 0.5 microns and larger, the Pulsatron's cartridge media is a blend of synthetic and natural fibers. Its lamination of blow melt polypropylene provides consistent efficiency right from the start, as well as easy release of the dust cake during the cleaning cycle. For special needs, application-specific media options are also available.

Effective Automatic Cleaning

For most industrial applications, the Pulsatron's reverse-pulse system, vertical cartridges, and specialized media provide efficient top-to-bottom filter cleaning, assuring consistent performance and long filter life. In addition, for extra-demanding applications, the optional Filter 1 Linear Blaster will double the spread of air in the cartridge during the cleaning cycle.

FILTER 1

Broad-Spectrum Dust Collection

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

Because, for most types of industrial dust,* 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

Typical Processes

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

*For potentially hazardous dust, the Filter 1 Hydrotron Series of Wet Collectors provides safe, efficient collection.



1-800-289-0189

Cartridge Dust Collectors

PULSATRON PFV SERIES

High-Efficiency Continuous Duty Cartridge Dust Collector



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

Features

- 99.9% Efficient, Fire-Retardant Cartridge Filters w/ Polypropylene Laminate
- Automatic Reverse Power Pulse Jet On-line Cleaning, Sequenced by Solid State Controller
- 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

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

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 Latches
- 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)

Pulsatron PFV Series

MODEL	# OF CART	FILTER SQ FT	CFM - Air to Cloth Ratings				Dimensions WxHxD(IN)*
			1	1.5	2	2.5	
PFV-1	1	275	275	412	550	687	20X73X20
PFV-2	2	550	550	825	1100	1375	32X73X20
PFV-3	3	825	825	1238	1650	2063	48X83X20
PFV-4	4	1100	1100	1650	2200	2750	32X83X32
PFV-6	6	1650	1650	2475	3300	4125	48X112X32
PFV-8	8	2200	2200	3300	4400	5500	64X112X32
PFV-10	10	2750	2750	4125	5500	6875	75X112X32
PFV-12	12	3300	3300	4950	6600	8250	96X112X32
PFV-14	14	3850	3850	5775	7700	9625	112X112X32
PFV-16	16	4400	4400	6600	8800	11000	64X124X64
PFV-18	18	4950	4950	7425	9900	12374	96X124X48
PFV-20	20	5500	5500	8250	11000	13750	75X124X64
PFV-24	24	6600	6600	9900	13200	16500	96X124X64
PFV-32	32	8800	8800	13200	17600	22000	120X124X64
PFV-36	36	9900	9900	14850	19800	24750	139X124X64
PFV-40	40	11000	11000	16500	22000	27500	150X124X64
PFV-44	44	12100	12100	18150	24200	30250	165X124X64
PFV-48	48	13200	13200	19800	26400	33000	180X124X64

Larger Sizes Available: Consult Factory

*When Depth = 32" doors on front; when depth = 64" doors on both front & back. Clearance of 24" needed to open doors.

FILTER 1

2525 National Dr.
Garland, TX 75041
972-278-2664

WWW.FILTER-1.COM