

>> BIN VENT

>> FEATURES:

- Adjustable pulse-cycle timing
- Wide range of filter media
- Top and bottom bag/cartridge removal
- Broad selection of internal coatings, special exterior finishes and insulations
- Materials of construction include carbon steel, stainless steel, and aluminum
- Food-grade or 3A dairy accepted construction



Bin vent filters can be furnished to handle air volumes ranging from 50 to 5,000 cubic feet per minute. All bin vent filters are equipped with automatic on-line pulse-jet cleaning technology.

Top-load and bottom-load units are available with bags/filter elements being accessed from above the tube sheet or below the tube sheet.

Powder Process-Solutions will properly design a bin vent for optimum filtration efficiency, low energy consumption and long bag/pleated filter bag life. We have standard options available, but can custom build to fit your filtration specifications.

Bin Vent Filters

PPS Bin vent filters are an effective solution for dust control problems in bins, hoppers and silos. A bin vent will separate dust particles from the conveying air, either discharging the unwanted dust or reclaiming it for use again.

Dust particles are collected on the outside surface of the bags or pleated filter elements as the air stream passes through the filter media and up to the clean air plenum.

A pulse of predetermined compressed air is released into a distribution pipe, producing a shock wave along the length of the bag, dislodging the particles from the surface for product recovery.



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>> BIN VENT

>> ACCESSORIES:

- Internal steel grid
- Roof top exhaust fan
- Quick release bag clamps
- Galvanized and stainless steel cages
- Pulse on demand
- Explosion proof electrical components
- Static grounding system
- David arm assembly
- Support legs
- Access platform



Top load design featuring PSI-Pleat pleated filter element installation.



>> Contact us with your design parameters.

>> Technical specifications and dimensions available on request.



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