



United States Systems, Inc.

Reliable Pneumatic Conveying Engineering and Manufacturing

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DUST CONTROL EXPERTS

EPA Compliance – Eliminate Nuisance Dust – Bin Venting

We design and manufacture Bin Vents, Bag Houses, Vacuum Filter Receivers, Cyclones, and Wet Filters. These systems are widely used in the chemical, plastics, mineral, and food industries

Bin Vent/Bag House with Pulse Jet Features:

Standard:

- Bottom, side, or top-access via top-door or walk-in plenum
- Utilizes self-Cleaning Pulse Jet technology
- Tool-less access door
- Welded safety grate
- NEMA timer controls
- Differential pressure monitor
- Stainless, painted carbon steel, or aluminum construction
- Laser-cut tube sheets
- Solid state industrial controls and automation

Specify:

- Exhaust fan
- Portable units available
- Particulate monitor (monitors the clean side for particulates)
- Support lugs and optional legs



Vacuum Filter Receiver

Vacuum filter receivers combine the pulse jet self-cleaning ability of our bin vents with the receiver in one system. They work in either Induced Vac or Direct Vac mode.

Filter Receiver Features:

- Uses Self-Cleaning Pulse Jet Technology
- Differential pressure monitor
- Vacuum-rated vessel structure
- Inlet baffle plates standard
- Stainless, painted Carbon steel, or aluminum construction
- Laser-cut tube sheets
- Solid-state controls for automation
- Portable units available
- Davit Head available
- Particulate monitor available

