Standard Models

Pulse-Jet Walk-in Plenum

Standard Pulse Jet Bag Houses

For applications requiring 1,244 to 4,701 ft\(^2\) of cloth area per unit with 10' or 12' long filter bags.

Features like our exclusive Filter Fit System™ have been developed to provide a positive mechanical-assist seal at the tube sheet in all of our LIBERATOR bag house collectors.

An exacting, reinforced venturi and rolled bottom cup cage are stabilized to provide superior support ensuring a focused, efficient pulse for accurate filter clean down and performance where it counts the most.

### Additional Standard Features

- Typically ships as a pre-assembled single unit from the factory. Field assembly and install costs are reduced.
- Modular design for application and volume flexibility.
- Snap-in filter tube sheet design.
- Welded 10 ga. carbon steel construction.
- Operating temperatures to 275 °F.

### Benefits of Walk-in Plenums

- Bags can be changed and the unit maintained from the clean side of the collector housing. Operators are not in direct contact with toxic or valuable collected product.
- The collector system can be located outside, not taking up prime production floor space.
- Reclaimed product is protected from rain and snow during maintenance and inspections.
- Emergency filter change-outs performed quickly regardless of the weather, making the walk-in plenum collector suitable for critical operations requiring minimal down time.

### Comes Complete With:

- 100% Polyester filters with double beaded stainless steel snap band.
- Rugged 12 wire filter support cages with reinforced integral venturi.
- Double diaphragm pulse valves and compressed air manifold system with NEMA 4 solenoid pilot valve enclosures.
- Programmable solid-state timer controls in a NEMA 4 enclosure. Pre-wired and set-up for continuous cleaning.
- Caged ladder and access platform designed to meet OSHA safety requirements.
- Primed and painted with industrial grade enamel.

### Options

- NEMA 7 or 9 controls for potentially explosive environments.
- Stainless steel construction for corrosive applications.
- Aramid, P84 (Polymide), PTFE Membrane, 100% White Teflon, Polypropylene, Fiber Glass and other filter medias.
- 500°F operating temperature configurations.
- Explosion panels.
- Custom discharge height.
- Pressure readout gage.
- Rotary valve or other specified discharge equipment.
- Clean on demand controller.
- System engineering and install services available.

CALL 260-925-9800 For Application Assistance
CALL 260-925-9800

Schust Engineering, Inc.

Pre-Engineered Series
Pulse-Jet Walk-in Plenum Collectors
Standard

<table>
<thead>
<tr>
<th>Model</th>
<th>Cloth Area / Module (sq. ft.)</th>
<th>No. of Bags</th>
<th>Approximate Dimensions</th>
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Approximate Dimensions

A: Width
B: Height
C: Depth

Pre-Engineered Series
Cloth Area / Module (sq. ft.)
No. of Bags
Approximate Dimensions

www.schustengineering.com

Pre-Engineered Series
Cloth Area / Module (sq. ft.)
No. of Bags
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Schust Engineering, Inc.
701 North Street Auburn, Indiana 46706 Phone: (800) 686-9297