

## *Pulse-Jet Walk-in Plenum*



### Extended Pulse Jet Bag Houses

For applications requiring 4,836 to 10,785 ft<sup>2</sup> 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 Extended Features**

- Extended housing provides more filtering capacity for higher volume or extreme efficiency applications.
- 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.
- Structural steel support.
- 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 (Polyimide), 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 800-686-9297**

**For Application Assistance**

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# Schust Engineering, Inc.

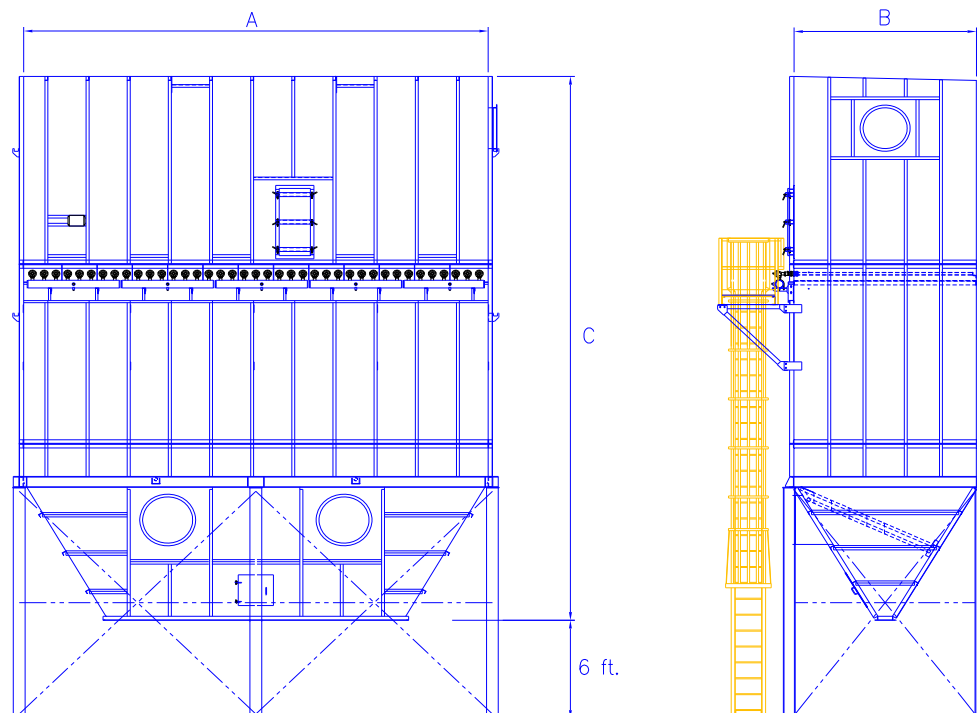
Pre-Engineered Series  
Pulse-Jet Walk-in Plenum Collectors  
Extended

**LIBERATOR™**  
**DUST COLLECTORS**

www.schustengineering.com

Model	Cloth Area / Module (sq. ft.)	No. of Bags	Approximate Dimensions		
	120"		A	B	C
<b>Extended</b>					
2115-PBW-10	4,836	315	14'-4"	10'-4"	29'-3"
2415-PBW-10	5,527	360	16'-4"	10'-4"	29'-3"
2715-PBW-10	6,218	405	18'-4"	10'-4"	29'-3"
3015-PBW-10	6,910	450	20'-4"	10'-4"	29'-3"
3315-PBW-10	7,599	495	22'-4"	10'-4"	29'-3"
3615-PBW-10	8,290	540	24'-4"	10'-4"	29'-3"
3915-PBW-10	8,981	585	26'-4"	10'-4"	29'-3"

Model	Cloth Area / Module (sq. ft.)	No. of Bags	Approximate Dimensions		
	144"		A	B	C
<b>Extended</b>					
2115-PBW-12	5,807	315	14'-4"	10'-4"	32'-11"
2415-PBW-12	6,637	360	16'-4"	10'-4"	32'-11"
2715-PBW-12	7,466	405	18'-4"	10'-4"	32'-11"
3015-PBW-12	8,296	450	20'-4"	10'-4"	32'-11"
3315-PBW-12	9,126	495	22'-4"	10'-4"	32'-11"
3615-PBW-12	9,955	540	24'-4"	10'-4"	32'-11"
3915-PBW-12	10,785	585	26'-4"	10'-4"	32'-11"



Schust Engineering, Inc.

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