

Staclean Diffuser Company, LLC

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February 20, 2018

Subject: Staclean™ Flip-Top-Lid Pleated Bag Bin Vent for Dust

Quote Number: 18WC-0220

Dear Customer:

The ultimate low cost, high performance, easy to install Bin Vent with Flip-Top lid.

A size 9-3.2-BDS Staclean™ Pleated Bag Pulse Jet Bin Vent contains 240 square feet of effective cloth area and is designed to handle 1000 ACFM at 70° F temperature with an air-to-cloth ratio of 4.16 to 1 and an upward can velocity of 174 feet per minute.

Pleated Bags with Diffuser core: The pleated bags have 45 pleats and are 100% spunbond polyester to withstand a maximum operating temperature of 200° F. Each pleated bag is 6.25" diameter (tubesheet hole) by 36" long and contains 26.72 square feet of effective cloth area. They are top removal with snapband top for ease of maintenance.

Preassembled, Prepiped & Prewired: The unit ships preassembled. The solenoids and diaphragm valves are integral and the solenoids are prewired to the timer, mounted below the header. The clean air plenum, tubesheet and dirty air plenum will all be assembled in one unit. The unit can be lifted off the truck and set into place. This will save you at least 10-20 on site man hours. Just run 110V to the timer and compressed air to the header.

Price: (1) Model # 9-3.2-BDS, In Stock

F. O. B. point of manufacture less all applicable

Sales and excise tax	USD.	\$	3,980.00
If shipped by common carrier, they require a custom-built pallet		\$	120.00

Options: Price, additional each

Mating flange, 6" tall		\$	192.00
Bag catch grating		\$	249.00
20" x 20" port door in DAP (Left of header or Right of header or Opposite header)		\$	434.00
Exterior finish coat of enamel paint (Light Gray or Silo Tan or Staclean Safety Blue)		\$	182.00
Photohelic Controlled E2T-4 timer w/4-20mA output instead of magnehelic & stnd timer		\$	195.00

If your application requires a fan: the fan ships loose (8 bolts) (190 lb)

Fan: 1000 CFM @ 70° F @ 6" SP, 3 HP motor, Arr. 4HM, flng inlet, screened outlet		\$	1,930.00
Pre-mount the fan on the top of bin vent, fan ships loose		\$	270.00
Manual outlet damper for fan		\$	179.00

Hopefully our proposal is clear and meets with your approval. If you should have any questions, please don't hesitate to call us toll free at 1-800-438-3850. We look forward to working with you on this project.

STACLEAN DIFFUSERS COMPANY, LLC

Bob Fisher

Bob Fisher

Sales Manager

Summary of Features Quoted

Quote Dated: February 20, 2018
Your Inquiry No.:
Our Quote No.: 18WC-0220

Company: Company
Address: P. O. Box
Faith, 28144

Model: Staclean 9-3.2-BDS
ACFM: 1000 at 70° F
No. filter elements:
(9) 36" pleated bags
Sq ft filter media: 240
Air to cloth ratio: 4.16
Can velocity: 174 fpm
Unit designed for -18" W.G.

Metal housing CAP: 10 ga MS
DAP: 10 ga MS
tubesheet: 10 ga MS
Approximate dead load: 520 lb +145 lb Options
Tubesheet dim (ID): 2.73' x 2.73'
Distance between hole centers: 10" x 10"
Bag access: top removal
Clean air plenum access: Flip-Top-Lid

Filters: Pleated Bag , spunbond polyester, 45 pleats, snapband top, 36" long
Instrumentation: magnehelic & bracket ship loose
Timer: solid state, NEMA 4X enclosure, IP65
Diaphragm valves and blow pipes: 1 inch diameter
Compressed air requirements: less than 4.8 SCFM at 80 - 100 psig

Miscellaneous:

- Flip-Top-Lid
- integral diaphragm valves and solenoids
- solenoids prewired to the timer, with Matrix wiring system
- tubesheet with perimeter welding
- flanged bottom & if fan option is taken flanged outlet
- preassembled
- lifting lugs
- pleated bags are installed
- Extra wide bag spacing to help reduce can velocity

Paint: Interior: none

Exterior: SP 2 and one coat of primer

Options:

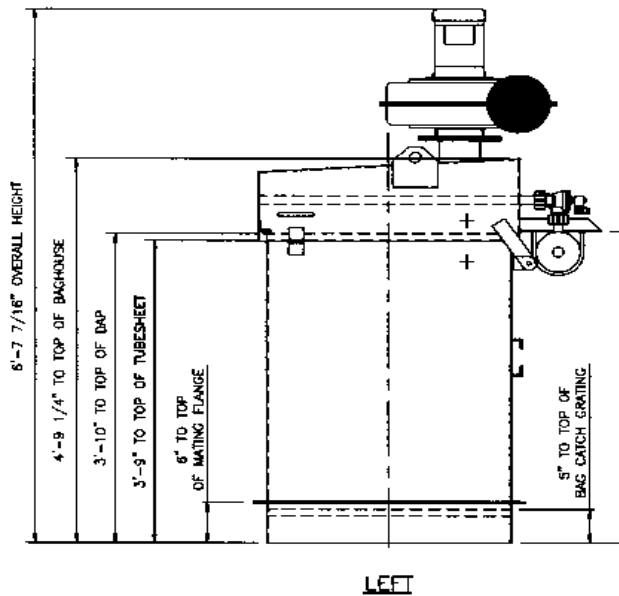
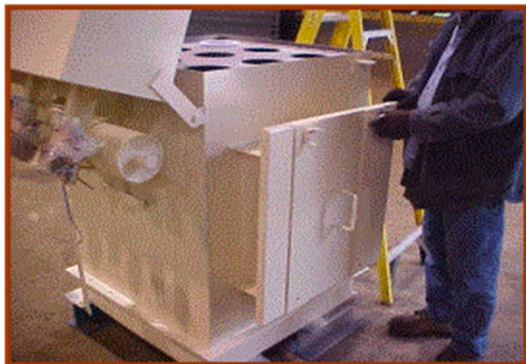
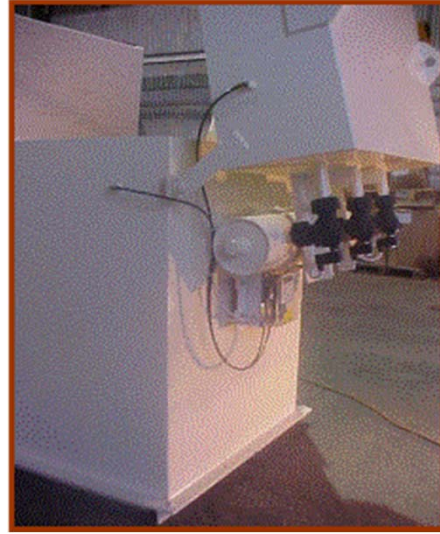
- Mating flange, 6" tall
- Bag catch grating
- 20" x 20" port door in DAP
- Exterior finish coat of enamel paint
- Photohelic Controlled E2T-4 timer w/4-20mA output
- Fan: 1000 CFM @ 70° F @ 6" SP, 3 HP motor, Arr. 4HM
- Pre-mount the fan on the top of bin vent
- Manual outlet damper for fan

Shipment: **In Stock** units 1 to 3 weeks

Freight: FOB shipping point

Recommended spare parts stock:

- 100% bags
- 5% valves
- 10% valve kits



Exceptions and Clarifications

Staclean warrants equipment of its manufacture to be free from defects in material or workmanship for a (1) year period from date of shipment. Liability is limited to the correction of these defects & specifically excludes any consequential damages.

Timer and solenoid enclosures are NEMA IV, unless stated otherwise in quote

Black polyethylene tubing is provided for prepiping the solenoids to the valves, unless stated otherwise in quote

Wiring of the solenoids to the timer is by others, unless stated otherwise in quote

We are supplying Staclean™ Diffusers instead of venturis. In field testing, Diffusers have proven superior in distributing the pulse air down the length of the bag.

We fabricate equipment in our own facility, however, we reserve the option to use subcontractors

Only items that are specifically stated within this quote are included in the cost of the unit. Items supplied by, but not manufactured by Staclean, such as motors, fans, screw conveyors, etc., shall be painted according to manufacturer's standards. The static pressure quoted for the fan is based on information available at the time of this quotation and is estimated. Should the actual static pressure needed be different, the price of the fan could change.

With the purchase of each baghouse we provide emailed CAD Approval Drawings, For Production Drawings, AS BUILT Drawings, Operation and Maintenance Manuals in pdf format. If you require hard copies or additional copies, we will supply these for \$20.00 per drawing and \$30.00 for each additional O & M Manual.

Since gas streams may vary and the customer knows his application best, the selection of the coating system is the responsibility of the customer. Staclean's responsibility is limited to materials and workmanship.

Price excludes any pressure testing & All stack testing is the responsibility of others.

Price is based on Staclean standard stiffening pattern for 18" w.g., structure designed for 70 MPH winds & Seismic Zone 1 unless stated otherwise in quote

Emission guarantee:

Staclean™ dust collectors are state of the art. Cleaning efficiency is 99.9% on all particulate 1/2 micron and larger in size. Any guarantees are contingent upon the following qualifications:

1. INSTALLATION - guarantees do NOT cover any failures to perform caused or contributed to by improper installation of the baghouse.
2. MAINTENANCE - guarantees do NOT cover any failures to perform caused or contributed to by improper maintenance of the baghouse.
3. OPERATION AT DESIGN CONDITIONS - guarantees do NOT apply to upset conditions or operation at conditions other than the design conditions specified.

Erection Requirements

In order to minimize field erection, the baghouse ships factory assembled as completely as possible. The timer, photohelic gauge, bags, Diffusers, cages and access provisions, if any, ship loose to avoid damage in transit.

Ultimate field erection of the unit is a primary concern during fabrication. Our plant manager and project manager are available by telephone if necessary to discuss both our fabrication techniques and also erection recommendations.

Purchaser to Furnish

The following items must be furnished by the customer, unless specifically listed in our quotation:

1. All air moving equipment
2. Compressed air to baghouse header
3. Motor starters and controls
4. All foundations, including anchor bolts
5. Equipment installation
6. All wiring and piping
7. Freight from point of origin
8. Any applicable taxes
9. All equipment not specifically stated in this quotation

Service Policy

Staclean™ will furnish a qualified field service engineer to supervise erection and/or start-up of new equipment at \$695.00 per diem plus expenses.

ALL PRICES FIRM FOR 30 DAYS

Sales, use, excise taxes, GST, PST, etc., are excluded. Only those taxes associated with the manufacture of the equipment are included. (Example, payroll taxes)

Freight is quoted as FOB shipping point. At the time of shipment of the baghouse we get competitive quotes to insure our customer gets the best rate possible. The bags, cages, Diffusers and any other accessory items are also quoted FOB shipping point. \$93.00 to \$120.00 Palletizing fee if put on a pallet to ship. \$5.00 to \$6.00 freight on each pleated bag.

Terms: Net 15 days; 10% with order; 40% billed with drawing approval; progress billing up to 90% of the contract. The balance is due 15 days after shipment or 30 days after completion of manufacture. Title passes at point of shipment, even in cases where freight may be prepaid or allowed to destination by Staclean.

Storage Charge

A completed baghouse remaining in our facility 30 days after the agreed upon ship date is subject to a storage charge based on the size of the unit.