

Silo Venting Made Easier



Modular Cartridge Bin Vent Retrofitting Older Bag Houses



» The **Modular Cartridge Bin Vent** provides excellent **air filtration** at a low cost. Its modular design and low overall height make it **easy to install** and allows the operator to perform maintenance from the tank deck. While material is pneumatically conveyed into the storage tank, fine **airborne particles are trapped** by the unit's large cartridge filter. This enables **clean air** to pass from the tank into the atmosphere.

WHY should you consider retrofitting?



No confined space permit required



No fan usage lowers energy consumption



Cost effective and easy to install



One-person maintenance: Filter is replaceable without removing the vent assembly

WHAT are the product features?

- 1 Standard outdoor construction in stainless or epoxy painted carbon steel
- 2 Single cartridge (100 ft² of filter per unit) replacement on each unit
- 3 Static or pulse-cleaned control units
- 4 One controller for up to 10 pulse-clean units



HOW does it work?

Mounts on existing bag house opening with customized adapter plate and stubs with no welding

Bolt on flange with no welding but cutting required



Flanged adapter stub to mount to the top of an existing storage tank 20" hillside collar



WHAT do we need?

... to determine Modular Cartridge Bin Vents:

- Basic information about the process: airflow, material, type of silo and size of existing opening
- Special material of construction or area classification

EXAMPLE for reference

A PD truck unloading calcium carbonate at 800 cfm would require four Modular Cartridge Bin Vents per silo.



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