

BAGTRON SERIES

Pulse Jet Baghouse Dust Collectors



Continuous-Duty Operation Keeps Up With the Most Demanding Jobs

Self-Cleaning While Running

Online cleaning is accomplished by a solid state control board which sequentially energizes solenoids, allowing diaphragm valves to dump compressed air from the storage header into the blow-down pipe. The blow-down pipes have orifices over the inlets of each bag. The primary air is then joined by secondary air in the clean chamber both to flex the bag, cracking the dust cake, and also to blow off the loosened dust. The large agglomerated dust particles will then fall to the hopper for discharge from the collector. The compressed air jet is processed through a Venturi before passing to the fabric of the bag.

Constant Capture Velocity

By blowing dust off the outside of the bag while the blower is running, the Bagtron maintains constant air flow for consistent performance.

FILTER 1

Designing Your Baghouse to Handle Your Dust

The Right Size. The Bagtron Series includes 16 standard sizes, from 67 sq. ft. up to 1750 sq. ft. of filter, moving air as low as 500 CFM and as high as 25,000 CFM. In addition, larger and/or custom sizes are available.

Optimal Velocity. Complete range of filter sizes; filter velocity from 3 FPM to 15 FPM, as needed for the application, depending on the particulate and its concentration.

Solid Construction. The cabinet is made up of 14 ga. panels only 16" wide (providing double ribs every 16") which are welded securely in place. The welded design allows pressure of 18 inches of water column.

Heavy-Duty Bags. The standard 16 oz. singed felted polyester bags are designed to withstand abrasive, moist, or sticky particulate. Other materials are also available as needed for special applications or environments.



1-800-289-0189

Baghouse Dust Collectors