



BAGHOUSES

THE ULTIMATE SOLUTION FOR

PARTICULATE AIR POLLUTION CONTROL

Discover Our Comprehensive Range of Baghouses

Reverse Air Baghouses

Reverse air baghouses use axial or centrifugal fans as the cleaning method for the filter bags, which is generally gentler on the filter bags than a reverse pulse cleaning method. This results in being able to select different filter media than a reverse pulse collector, often resulting in lower maintenance and energy costs. While not suitable for all applications, when applied correctly, reverse air cleaning baghouses are an affordable and reliable option.



Low maintenance



Reliable



Low pressure drop across the filters



Low energy consumption



No compressed air needed



Low upfront cost





Reverse Pulse Baghouses

Vortex Engineering's PA & PB series reverse pulse baghouse design has been proven across many industries over the years. With a unique inlet design and multiple configurations, we can select a suitable size and filtration velocity for any application.



Low maintenance



Pyramid or Trough hopper design



Clean side access



Dedicated inlet chamber



Integrated venturi cages (split or single piece)



Low can velocity



High temperature design available

High Temperature Baghouses

The PA and PB series reverse pulse baghouses are suitable for high temperature applications. They are frequently used for particulate emission control from boilers, metal furnaces, kilns and dryers. Vortex has refined the design of the high temperature baghouses to combine high collection efficiency with low operation and maintenance cost.



Low maintenance



Insulation and cladding



Heat tracing



Dedicated inlet chamber



High-temperature internals



High-temperature rotary valve



Why Baghouses are the Best Solution for Particulate Air Pollution Control?



High Efficiency



Versatility



Low Operating Costs



Compliance

Baghouse Applications



Dairy Industry



Mineral Processing



Foundry Industry



Cement Processing



Packaging Industry



Fertilizer Processing



Pharmaceutical Industry



Waste Management



Wood Pellet Conveying



Wood Processing



Grain and Seed



Glass Manufacturing



Boiler Emissions



Charcoal Manufacturing



Mining Industry



Your one-stop solution for air pollution control, tailored to your unique needs.

Vortex Engineering group are the leading specialists in design, manufacture, installation and servicing of air pollution control systems, fume and dust extraction systems and material handling solutions. We create bespoke systems to meet specific client requirements, this is powered by our extensive history and ever-growing product range.

OUR SERVICES



Engineering & Consultancy



Installation & Erection



Inspection & Testing



Commissioning & Training



Maintenance & Retrofit




Spare Parts Supply

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