

WESMAN

FOUNDRY EQUIPMENT DIVISION

PULSE JET BAG FILTER

CAN YOUR SHOP

DUSTY AIR IS A CRITICAL ISSUE TODAY. Industries like foundries, cement, mini steel plants, sponge iron plants, power plants, material handling, mining, plastic working, woodworking, and metalworking generate high levels of particulate emissions, which are now closely monitored and regulated by government bodies and legislation.

FLOOR AFFORD

OUR HIGH RATIO PULSE JET BAG FILTERS help control particulate emissions and pollution levels. Bag material and air-to-cloth ratio are selected based on application requirements. The bags are supported internally by wire cages which do not impart any load onto the bag. Inspection and maintenance doors are built-in, and platforms and ladders are provided for larger units.

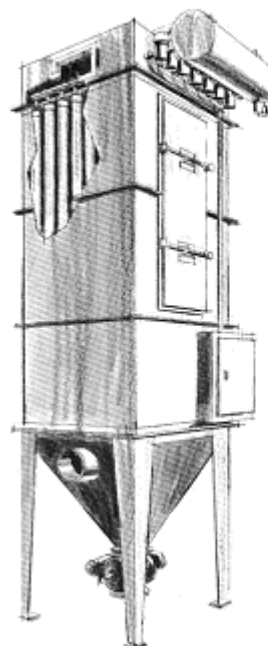
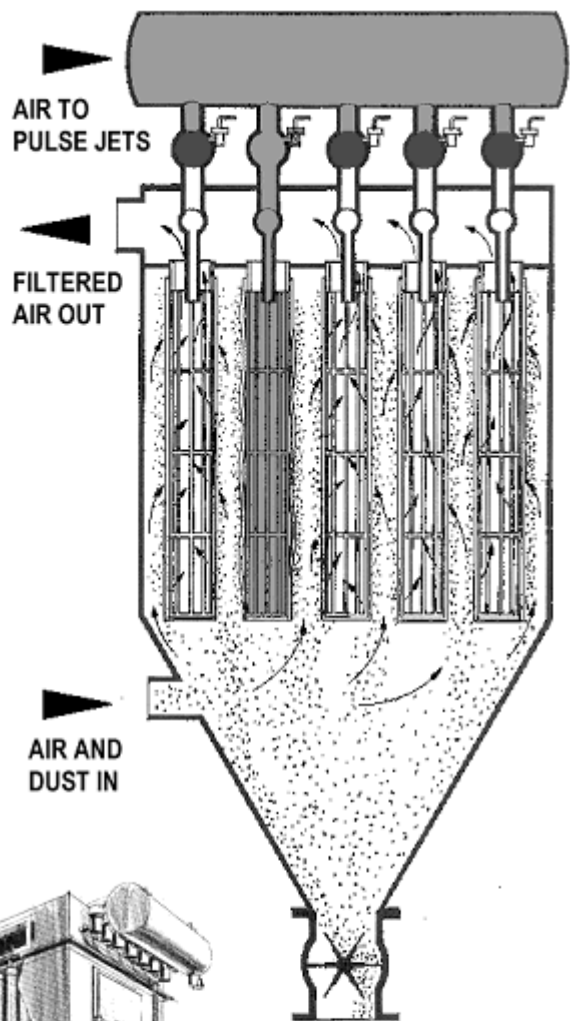
TO GENERATE

THE BAG FILTER OPERATION IS SIMPLE. Dust-laden air enters the unit through the hopper or at the plenum, and clean air flows out of openings in the bag hanging plate. Accumulated dust is removed from outer bag surfaces at regular intervals by short pulses of compressed air, which are introduced into the bag through a solenoid operated pulse valve.

A DUST-FILLED

A PLC OPERATES THE PULSE JETS in sequence at predetermined intervals. Dust collected in the hopper is discharged through screw conveyors and/or rotary air lock valves. The message is clear — if you want to lower your particulate emissions, our bag filters can do the job for you effectively and reliably. Talk to us today to see how we can help.

ENVIRONMENT?

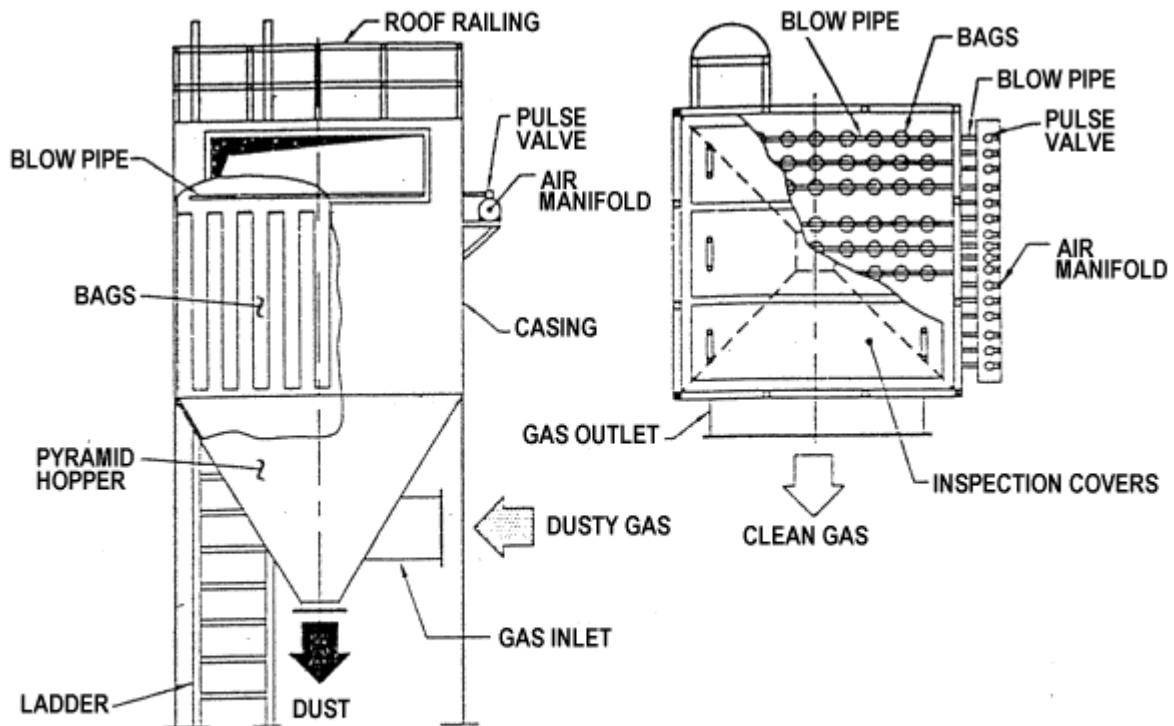


WESMAN PLC-OPERATED PULSE JET BAG FILTER

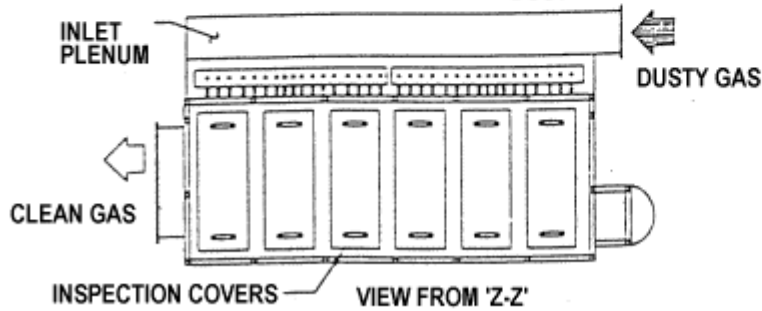
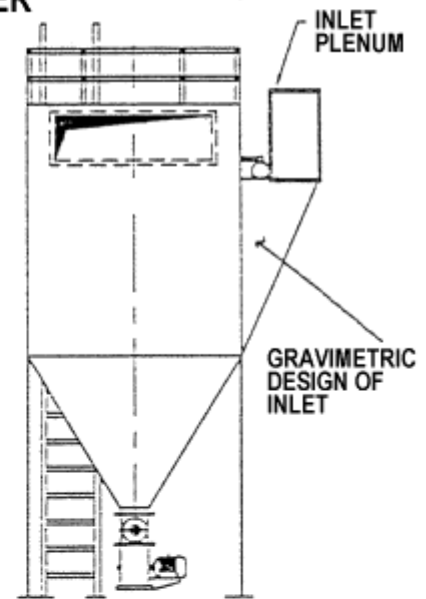
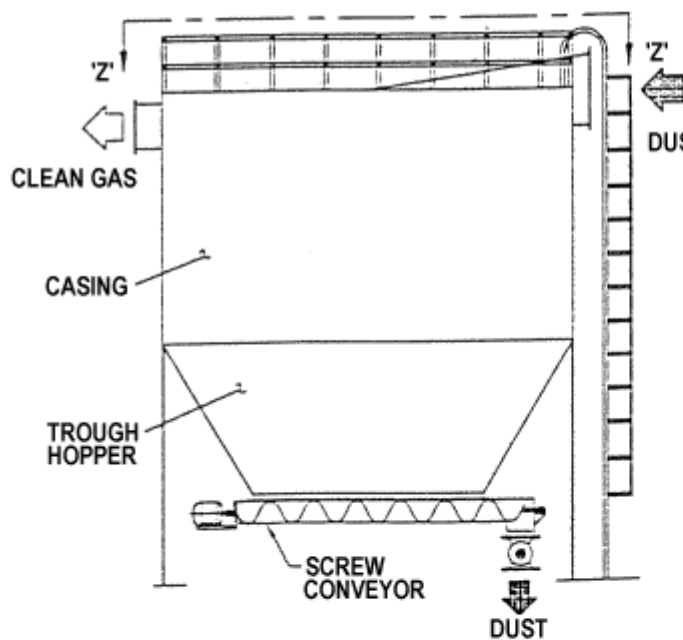
CUSTOM-DESIGNED TO MEET USER REQUIREMENTS

Other air pollution control equipment in the Wesman range:

- Electrostatic Precipitator
- Scrubber
- Cyclone Dust Collector
- Multiclone Dust Collector



WITH PYRAMID HOPPER



WITH TROUGH HOPPER



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