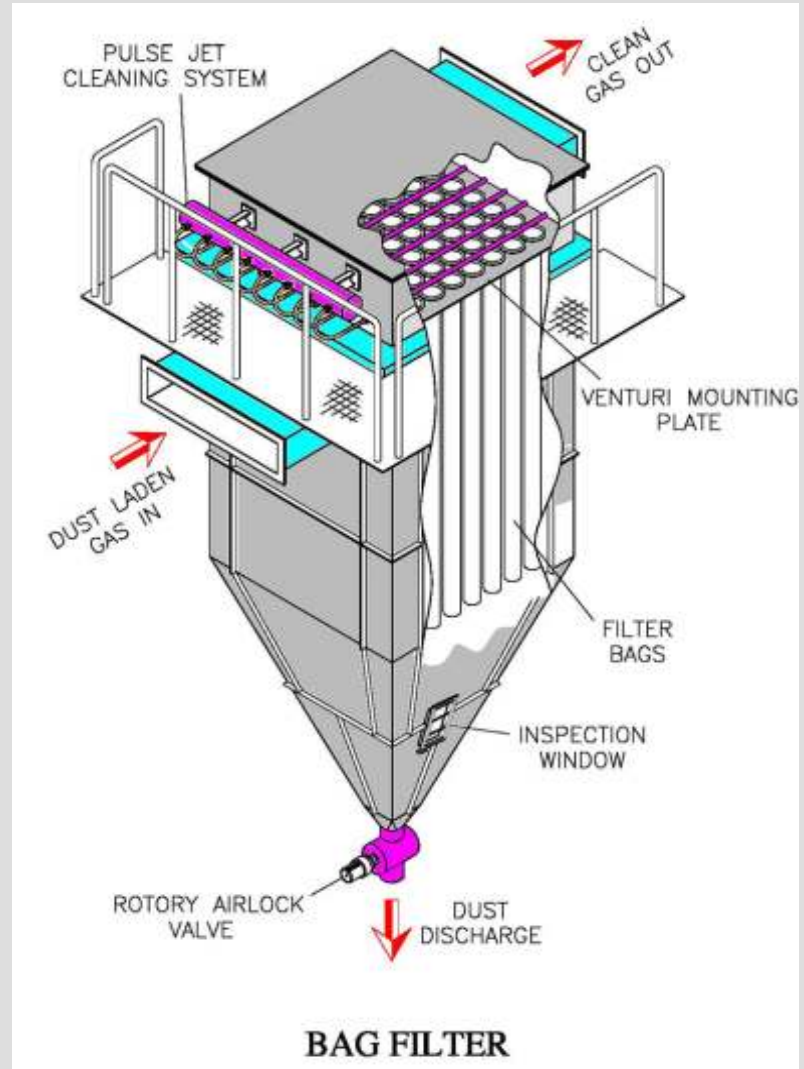


DUST COLLECTORS

FRESH AIR SOLUTION FOR CLEAN ENVIRONMENT



Filtration is one of the most reliable & efficient method by which particulate matter can be removed from gases.

Dust collector is a device for suction of dust /fume particle from dust letting out Source from different type of machines. It mainly consists of three parts: Top shell, center shell and hopper. Suitable fabric media /cartridge filters are provided in centre shell for filtration of dusty air so that it will release the clean air into the atmosphere.

Dust is collected in the dust bin which is fixed at bottom of hopper & it can be easily removed.

BKAIR offers a wide range of highly efficient "Stand-alone" dust collection systems for extracting any type of dust, generated by any process - such as grinding ,polishing buffing operation of any nature.

We can design the dust collector for any quantity taking correct static pressure, motor HP, correct thickness of material and supporting structure strength. We use imported filter / Indian filter by keeping the customers budget in mind.

Blower is selected professionally to deliver proper air quantity and to optimize electricity consumption.



Cyclonic Type dust Collector



Pulse Jet Type dust Collector



Portable dust Collector



Manual shaking type dust Collector

BKAIR Dust Collector extracts the dusty air/fumes from the dust/fume generating point through the duct connected to the hopper (bottom part) of the Dust Collector. The dusty air is filtered in the centre shell through bags. The Filtered air get exhausted from the top shell through a blower connected to the top shell through duct. The dust is collected in the dust bin (which is connected to the bottom of hopper) though bags.

To avoid the filters from choking, compressed air /manual shaking arrangement is used.

The compressed air is passed through the cylinder which is connected to solenoid valves. These solenoid Valves pass the compressed air thorough the G.I. Pipes which are fixed at the top of bags, Electronic timer is used to clean the bags through solenoid valves.

BKAIR has a complete range of Dust Collectors which are efficient, rugged and durable with minimum maintenance requirements. We offer only the highest quality products backed by advanced technology and outstanding technical support generating considerable added value to the customers.

Our product line includes wood working dust collectors, high-static-pressure dust collectors and portable dust collectors. Our products are used in the automotive, medical, wood, fiberglass and other industries.

"BKAIR" Dust Collectors are the requirements of today, for Pollution Control. These Dust Collectors are specially designed for Collection of dry ferrous dust generated from Grinding process, such as Surface Grinders, Profile Grinders, Off Hand Grinders & Belt Grinders etc.

BKAIR Dust Collectors have high filtering efficiency even for the finest dusts.

Total Security with : Cotton filtering sleeves (Non-inflammable)

Energy Savings : Low power consumption.

Standard Accessory : Suction Inlet mounted on adjustable Arm.

Optional Accessory : Water Dust Separator for Aluminum Dust.

BKAIR Dust Collectors are available for various applications.

Efficiency:

The Effectiveness of any type of Dust Collector depends on a number of factors such as design of Suction Inlet, proximity of Suction Inlet to the point of Dust generation and Suction in the direction of dust generation.

Pulse-jet cleaning provides an effective means of reconditioning the fabric without interrupting the normal airflow through the filter system. Since the pulse-jet collectors operate at higher filtering velocities than the corresponding fabric collectors which are cleaned either by BKAIR Dust Collector with high capacity filter bags and an optimized ratio of air flow versus filter surface area can be used as a central dust collector unit for multiple work stations or as a dust collector for large machines generating high volume of dust.

Dust Collectors can be broadly divided into following Categories -:

I. PULSE JET TYPE DUST COLLECTORS

a) Pulse Pleat Type

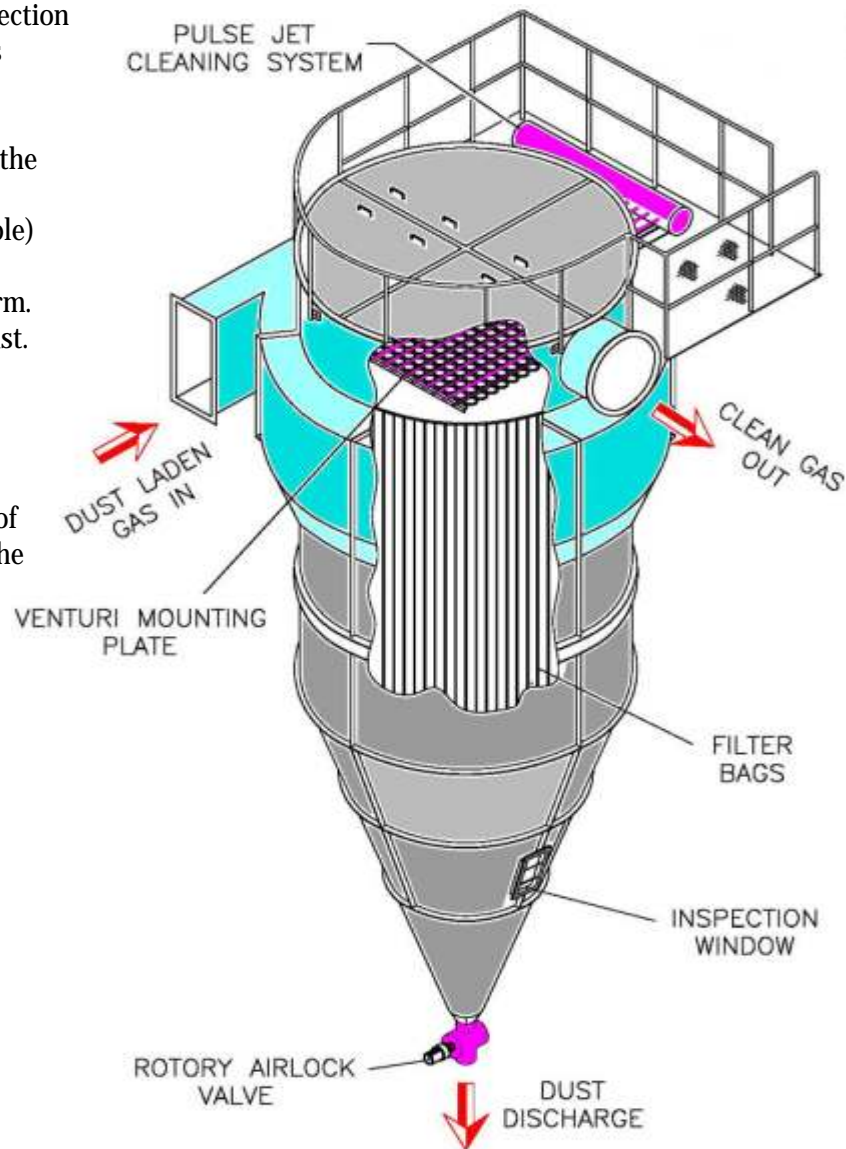
b) Cartridge Type

c) Non-Woven Felt Type

II. MECHANICAL SHAKING TYPE

III. MANUAL SHAKING TYPE

IV. CYCLONE DUST COLLECTORS



CYCLONE CUM BAG FILTER

B.K.AIRCOOLING AND VENTILATION SYSTEMS

Plot no.36,100ft road,Lajpat nagar,NH-2,Mathura(U.P.)

Email: sales@bkair.co.in, sales.bkair@gmail.com

Website: www.bkair.co.in

Contact : 9897465489, 9953116551

OTHER RANGE OF PRODUCTS AND SYSTEMS



Ventilation System



Centrifugal Blower
With forward curved impeller



Centrifugal Blower
With backward curved impeller



Air Washer
Single Skin/Double Skin



Fume Scrubbing System



Cooling Water Chiller



Axial Fan



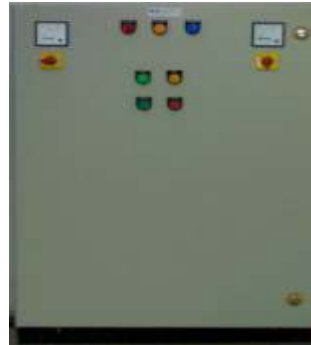
Roof Extractor



Dust Collection System



Painting Booth



Electric Panel



Humidifier



Air Cooling System



Cooling Pads



Filters



Wind Ventilator

