



Sangawar Pneumatics

We remove the unwanted

AIR FILTER & PURIFICATION SYSTEMS



DUST CONTROL

There are two types of dust separation units

1. Cyclone Separator
2. Bag filter

In case of dusty materials, cyclone is used as a primary separator. Main advantages are :

- D No moving parts.
 - D Minimum maintenance
 - D Suitable for high temperature application.
- Further separation of fine material is done by using a Bag Filter. Main advantages are :
- D Very high efficiency of dust collection.
 - D Low space required.
 - D Constant efficiency irrespective of dust loading.



FUME CONTROL

The multivane scrubber is particularly well suited for applications involving heavy dust leads, abrasive materials & slurry recycle. This scrubber provides outstanding results when used for recovery of valuable product or control of dust resulting from drying or other processes. Some of the processes for which this scrubber has proved effective, efficient & economical are : spray drying, spray glazing, rotary drying, calcining, cooling, crushing, milling, classifying, fluid bed processes, foundries.

VENTILATION

Ventilation system prevents the development of condensation due to high humidity and steam emissions. Evenly distributed throughout the area the valanced push-pull installation comprises extraction and clean air make up supply systems. The extraction system comprises duct and extract grills sited above emission sources.



FILTERS

- ▷ Pre Filters
- ▷ Fine Filters
- ▷ Panel Filters
- ▷ Pocket Filters
- ▷ Hepa Filters
- ▷ Ferrule Filters

10 to 15 Microns Pre Filters

These are primary filters used for protection of ifne filters. Manufacturing from HDPE 3 ply. Water Washable.

5 Microns Fine Filters

These are secondary filters used for the fine filtration. Manufacturing from HDPE mono filaments oven meshes in 5 ply, stitched together. These filters are water washable & widely used in general air conditioning & ventilation system.

0.3 Microns Hepa Filters

These are final filters & used for the very fine filtration. Manufacturing from imported media. These are disposable

type and widely used in pharmaceutical, clean rooms, chemical industries, etc.,



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