



# NUSID CLEAN TECH

MADE IN INDIA

## Cartridge Filter System (CFS)



### Cartridge Filter System (CFS)

#### Key features

- Material of construction-special fine paper media cartridges
- Media mounted on pleated shape
- 99.97% filtration
- Available in vertical and horizontal configurations
- Dust re entrainment problems obviated by pushing down dust dislodged by reverse pulse filter cleaning system
- Filter cleaning with reverse air blasts

#### Used for

- Sizes 1m
- Toxic materials
- High value materials
- When high order cleanliness is required

#### Applications (types of industries)

- Powder coating paints manufacture
- Tissue & aqua culture
- Pharmaceuticals and pesticides
- Premium sugar manufacture
- Decorative laminates
- Printed circuit boards
- Diffusion labs

# NUSID CLEAN TECH

☎ 9205830669,9555995420

✉ nusidclean@gmail.com,info@nusidcleantech.com

🌐 www.nusidcleantech.com

📍 Plot No. 4, Street No. 4A, Malerna Road, Near Adarsh Nagar, Ballabgarh, Haryana, 121004, India



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## Specifications

Model	No. Of Cartridges	Total Filter Area (Sq.m.)	Air handling capacity (m3/hr)	Dimensions (mm)
2DF1	2	50	1000	1250 x 500 x 2700
3DF1	3	75	1500	1250 x 500 x 3075
2DF2	4	100	2000	1250 x 900 x 2700
3DF2	6	150	3000	1250 x 900 x 3075
3DF3	9	225	4500	1250 x 1350 x 3075
3DF4	12	300	6000	1250 x 1800 x 3075
3DF5	15	375	7500	1250 x 2250 x 3075

Larger models also available on specific request

### Mechanical Bag Filter System

these systems are used for coarse particles like saw dust & wooden shaving. Open bag filter systems can be used indoors, while closed bag filter systems are used outdoors.

Shaking of the filter can be carried out manually, or via a motor with timer based atomization.

### Pulse Jet Bag Filter System

Removal of particulate matter from process & general ventilation air, and recovery of valuable products from manufacturing processes can be done using NUSID CLEAN TECH Pulse Jet Bag Filter System.

Various designs are available to go with the exact application.

Top enter is used for low concentration, fine dust. Hopper entry is used for high concentration, coarse dust. Selection criteria can be further discussed in terms of material of construction of the system, reverse pulse jet filter cleaning via compressed air, etc.

Usual application of Pulse Jet Bag Filter systems include fabrication, sanding, bailing, blasting, cutting, chipping, etc.

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when it comes to industries that require high levels of cleanliness, or have high valued materials to be captured, there comes a need to utilize sophisticated Cartridge Filter Systems.

With 99.97% filtration levels, the efficiency of dust capture is very high. This is especially important where toxic materials or high value materials are concerned.

These are designed & manufactured in India by Santoni

Processes such as powder coating, tissue & aqua culture, pharmaceutical manufacture, premium sugar manufacture, decorative laminates, PCB manufacture, and diffusion labs

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