



CHEMFILT-INDIA

MAKING WAVES IN SHAPING ENVIRONMENT

- All Filters Manufactured in Clean Room
- "H & V" (USA) Paper used.
- Automatic Hepa Mini pleat Machine.
- Application -Cleanrooms, labs, healthcare industry.
- Inhouse Testing arrangements as per US FDA.



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1. Mini Pleat Hepa Filter – H13 & H14

Mini Pleat Hepa Filter are widely used in over 90% of the industries used in **Pharmaceutical, Hospitals, Electronics and Food Industry.**

Pleating of Hepa Paper is done on the high speed automatic Machine with 5-8 meters pleating per minute Pleats are capsuled in Aluminum Amodized frames using specialized Epoxy and Hardner.

Sizes available are:

610*610*69mm-500 CFM

610*610*105mm-1000CFM

450*450*105mm-500CFM

305*305*105mm-250CFM



Specifications:

- Efficiency- 99.99%-99.97% down to 0.3 micron
- Frame-Alluminium
- Filtration-H14/H13
- GPSP/ powder coated / SS-304/316 housing are available for Mini pleat Hepa filters with DOP/PAO, Housing port fitted with Damper and SS/Powder coated grills.



2. Mini Pleat Gel Type Hepa and Housing

Gel Type Hepa is the latest technology, where the Gaskets are avoided and sealing between HEPA and Housing is done using Silicon based Gel.

The Gel based Hepa Filters and housing are made from Aluminium extruded frames with gel cavity, which is pushed inside the knife of the housing to avoid any leakages.

The housing are fitted with DOP/PAO port to check the integrity of the filters. Grills are made in SS314/SS316.

Sizes available are:

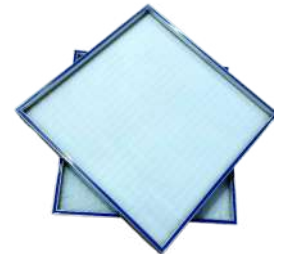
610*610*105mm-1000CFM

450*450*105mm-500CFM

305*305*105mm-250CFM

Specifications:

- Media-H13/Micro Glass Filter H&V
- IPD(initial Pressure Drop)-20mmwg
- FPD(Final Pressure Drop)-75 mmwg
- Particulate Efficiency-99.97-99.99% Down to 0.3 Micron



3. Multi-pocket Bag, Fine / Micro-vee and Pre-Filter

a) MULTI POCKET BAG TYPE FILTERS: MERV 14

Non Woven imported media from Germany and Taiwan are most common for making multi-pocket bag Filters. These Filters are widely used as pre to Hepa. These can also be used in GasTurbine plants, IAQ areas like Hotels, Hospitals, Co-working Spaces and Homes etc.



Sizes available are:

600*600*8 Pockets -1000CFM

600*600*6 Pockets -750CFM

Specifications:

F9/MERV14 Non Woven Synthetic media or
MERV14 charged synthetic media

b) FINE FILTERS / MICRO VEE

Pleated media of non woven supplied with GI mesh duly stitched and capsuled in GI powder housing.

Sizes available are:

610* 610* 300 (flange type)-2000CFM

450*450*300 (flange type)-1000CFM

600*600*150 (flange type)- 450CFM

Media Efficiency:

5 Micron (Nominal / MERV 6/MERV7)

These filters are reusable type and can be cleaned by reverse clean jet air. One can clean it for 4-5 times.



c) PRE FILTERS-G2/G3

Media: Made of Non-woven supplied media, stitched with wire mesh for strength.

Rating :10 Micron Nominal or G2/G3

Washable / cleanable with water and Air

Sizes available are:

600 x 600 x 50 mm (flange or box type) - 1000CFM

Used in all AHU on the Inbuilt-flame .





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Indoor Air Quality Solution

Turnkey System for **PMI 2.5 Micron** Controls.

Chemfilt has proven technology, designs and systems to Control :

- Dust Particles Upto 2.5.
- Bacteria control upto 99.97%.
- Virus Control /eradication upto 99% using slot of the Act technology.

PMI 2.5 Micron controls for existing and new building for **Hotels, Hospitals, Embassies, Auditoriums and Movie Halls** etc, using multistage Filters ,Blowers Ducting etc.

We use F9 as Final Filters made of H & V (USA).

Bacteria control using Micro Glass Filter Media of H13.

Virus Controls using Plasma Technology developed by IIT Jodhpur & product developed by **Divya Plasma Solutions Private Limited**.

CALL OUR EXPERTS FOR MORE DETAILS AND DISCUSSIONS

CONTACT DETAILS

CHEMFILT INDIA PRIVATE LIMITED

Factory Address: B-12, Sector-57, Noida Uttar Pradesh-201301 (India)

Website:chemfiltindia.com

Email Id -info@chemfiltindia.com

Mob:+91 9953110540, 8383979243

Landline :0120-3643226