



Air Link Products

We Guide Air Everywhere

Filters

Pre Filter-Rod Type



Description:

These Filters are made out of mild steel rods with or without aluminium channel casing of half inch width. These filters are designed for a filtration of 20 micron and above particle sizes

Manufacturing Process

Commonly used media (washable) are polyester, polypropylene, HDPE or Felt.

These filters are offered in box type design only

Applications:

Ventilation

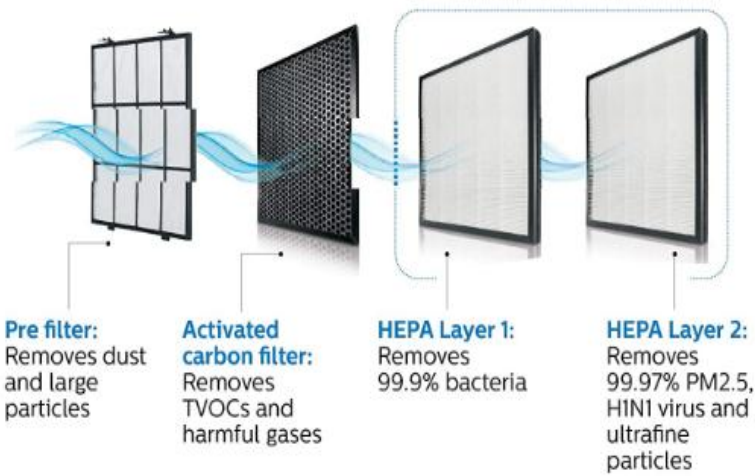
Air Conditioning

Air Handling Units

Exhaust Units



Nominal Size	Actual Size	CFM	Efficiency @ 15-20
16 x 19 1/2 x 1/2	16 x 19 1/2 x 1/2	700	90%+
16 x 24 x 1/2	16 x 24 x 1/2	900	90%+
20 x 20 x 1/2	20 x 20 x 1/2	1100	90%+
24 x 24 x 1/2	24 x 24 x 1/2	1200	90%+



Initial Pressure drop:

Less than 5.0mm wg to rated air flow.

Final Pressure drop:

18mm wg

Pre Filter-Box Type



Description:

Pre filters are manufactured from high density polyethylene mesh which has excellent washable properties as compared to other filter media. Since this filter encounters maximum dust loading, such washable property ensures longer service life of the filter. These filters can be offered in non-woven synthetic media and can be supplied either in flange type or box (cassette) type construction. The filter can be supplied in MS, Aluminium or Stainless Steel frames.

Manufacturing Process

The media used for filters are metallic meshes either in stainless steel or galvanized iron type.

The material used for filters are metallic meshes either in stainless steel or galvanized iron type.

Casing designs available are box type or flange type as per the requirement.

Applications:

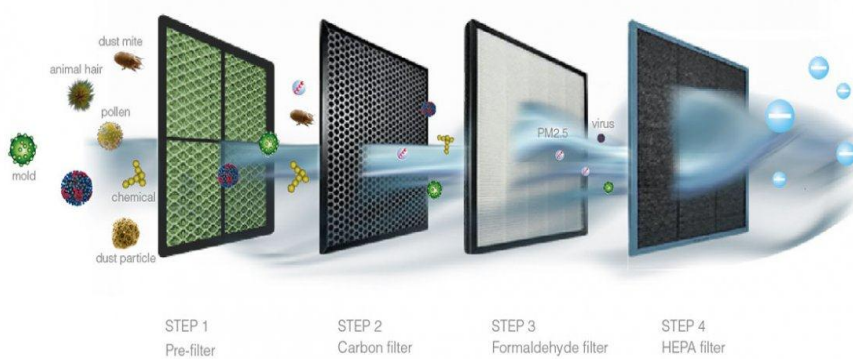
Ventilation

Air Conditioning

Air Handling Units



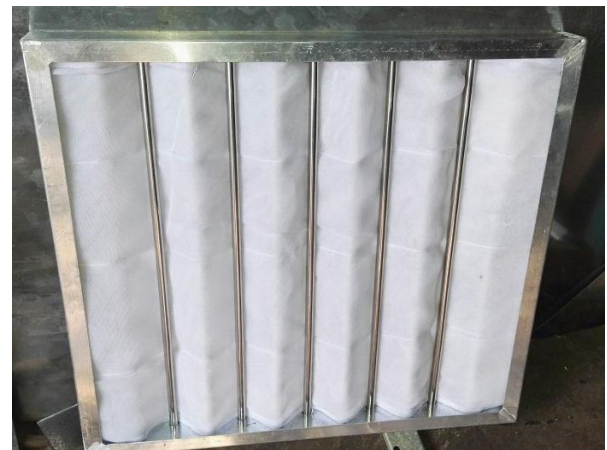
Nominal Size	Actual Size	CFM	Efficiency @ 5.0
24 x 24 x 2	24 x 24 x 2	1000	90%+
24 x 24 x 4	24 x 24 x 4	2000	90%+
20 x 20 x 6	20 x 20 x 6	1600	90%+
20 x 20 x 2	20 x 20 x 2	1400	90%+
24 x 24 x 6	24 x 24 x 6	2300	90%+
24 x 24 x 1/2	24 x 24 x 1/2	500	90%+
24 x 24 x 2	24 x 24 x 2	2000	90%+
24 x 20 x 2	24 x 20 x 2	1600	90%+



Initial Pressure drop:

Less than 25mm wg to rated air flow.

Final Pressure drop:
75mm wg



Pre Filter-Metallic Mesh Type



Description:

These Filters are used for filtration of 15-20 microns particle sizes. General air conditioning and air handling units etc. are the areas where these filters used. The material used for filter casing are mild steel, galvanized steel, aluminium or stainless steel.

Manufacturing Process

The media used for filters are metallic meshes either in stainless steel or galvanized iron type.

The material used for filters are metallic meshes either in stainless steel or galvanized iron type.

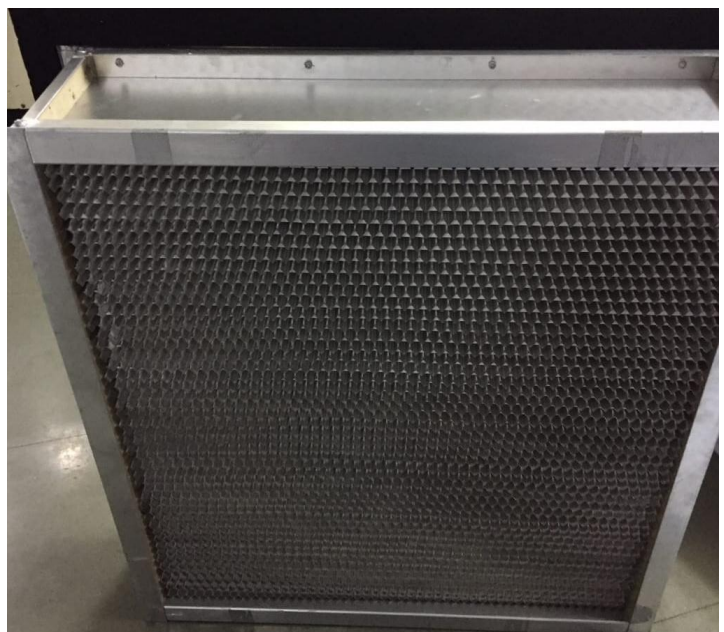
Casing designs available are box type or flange type as per the requirement.

Applications:

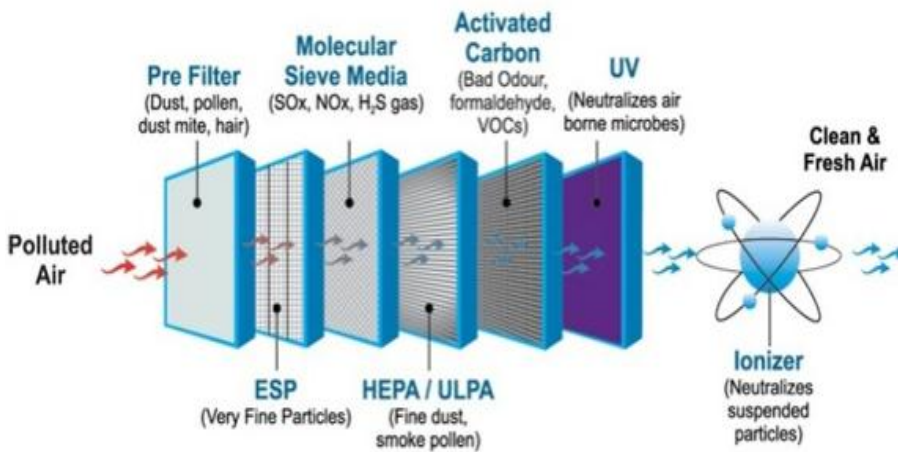
Ventilation

Air Conditioning

Air Handling Units

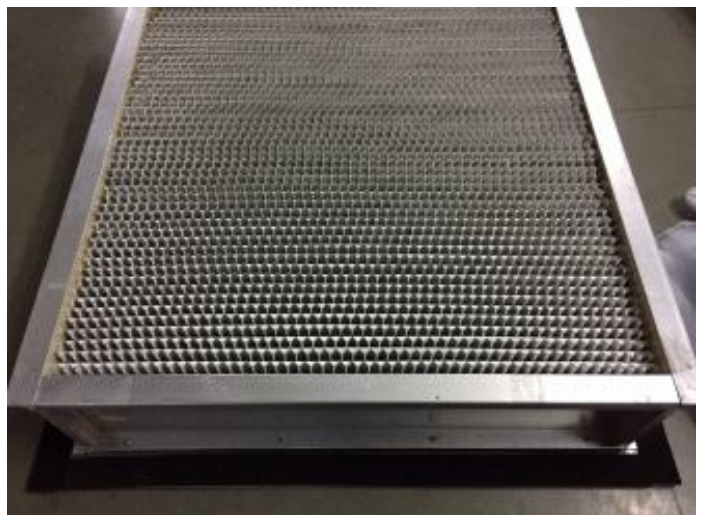
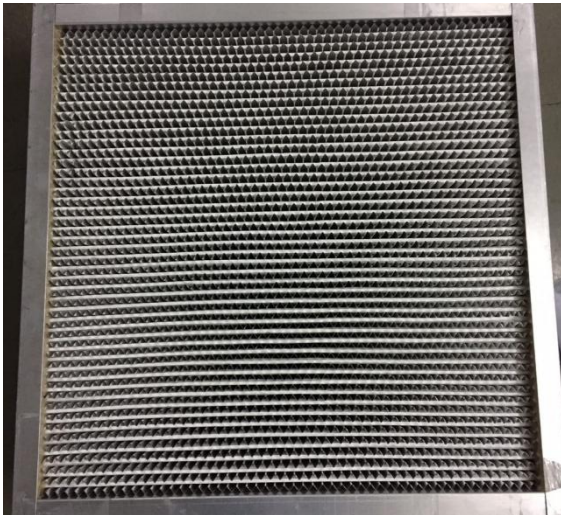


Nominal Size	Actual Size	CFM	Efficiency @ 5.0
20 x 20 x 2	20 x 20 x 2	1000	90%+
24 x 24 x 2	24 x 24 x 2	1500	90%+
24 x 24 x 6	24 x 24 x 6	2250	90%+



Initial Pressure drop:
Less than 25mm wg to rated air flow.

Final Pressure drop:
75mm wg



Pre Filter-Media Type



Description:

These Filters are generally used for filtration of 15-20 microns particle sizes. Air conditioning and air handling units etc. are the areas where these filters used widely. All these are washable in nature. Casing types available are box type or flange type.

Manufacturing Process

The media used for these filter are synthetic non-woven type (polyester, poly propylene felt, etc.)

The material used for filter casing are either mild steel, galvanized steel, aluminium or stainless steel.

Synthetic media with GI mesh supported in multiple 'V' designs are also offered where air flow rating is very high and low pressure drop is required.

Applications:

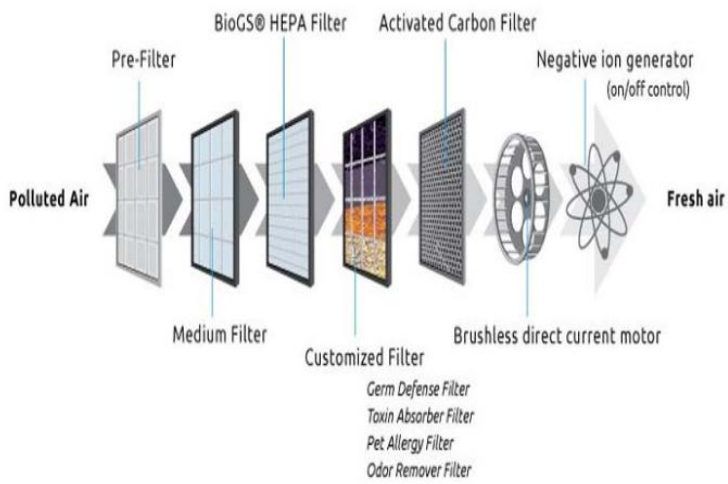
Ventilation

Air Conditioning

Air Handling Units



Nominal Size	Actual Size	CFM	Efficiency @ 10
20 x 20 x 2	20 x 20 x 2	1000	90%+
24 x 24 x 2	24 x 24 x 2	1200	90%+
24 x 24 x 6	24 x 24 x 6	2000	90%+



Initial Pressure drop:
less than 5.0mm wg to rated air flow..

Final Pressure drop:
18mm wg



Micro Fine Filter



Description:

These Filters are designed for filtration of 5 micron particles with efficiency of 95% and above. These are generally used as an intermediate filter to the HEPA Filter and Pre Filter. The media used for making these filter is of either polypropylene, polyester, HDPE or felt in closed pleats design.

Manufacturing Process

Media pack is supported with aluminium tubes. Another design of Mesh supported synthetic media in machine folding to give multiple V pockets are also offered for higher media velocity.

Filter casing is generally made out of mild steel, galvanized steel, aluminium or stainless steel. Frames in box design (also called cassette type) or Flange type are available.

Applications:

Ventilation

Air Conditioning

Air Handling Units



Nominal Size	Actual Size	CFM	Efficiency @ 5.0
12 x 12 x 12	12 x 12 x 12	250	95%+
20 x 15 x 6	20 x 15 x 6	550	95%+
20 x 20 x 6	20 x 20 x 6	750	95%+
24 x 24 x 6	24 x 24 x 6	1000	95%+
24 x 24 x 12	24 x 24 x 12	1000	95%+

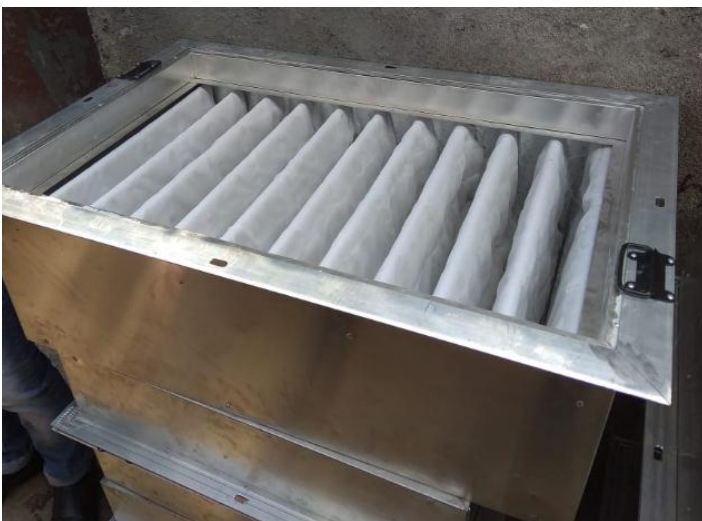


Initial Pressure drop:

Less than 25mm wg to rated air flow.

Final Pressure drop:

75mm wg



Hepa Filter



Description:

These HEPA Filters are designed to meet exact specifications in high efficiency commercial or industrial specifications. These Filters are used where a high degree of cleanliness is required and contaminants must be removed to protect health, products and building interiors

Manufacturing Process

Standard HEPA filters has configuration of gently pleated glass media separated with rolled edged aluminium separators to offer open air flow and to stabilize the media pack.

Non decaying type, self-cured, epoxy adhesive is used for sealing the media pack to filter the casing. All the HEPA filters are tested for efficiency and certified before packing and dispatching.

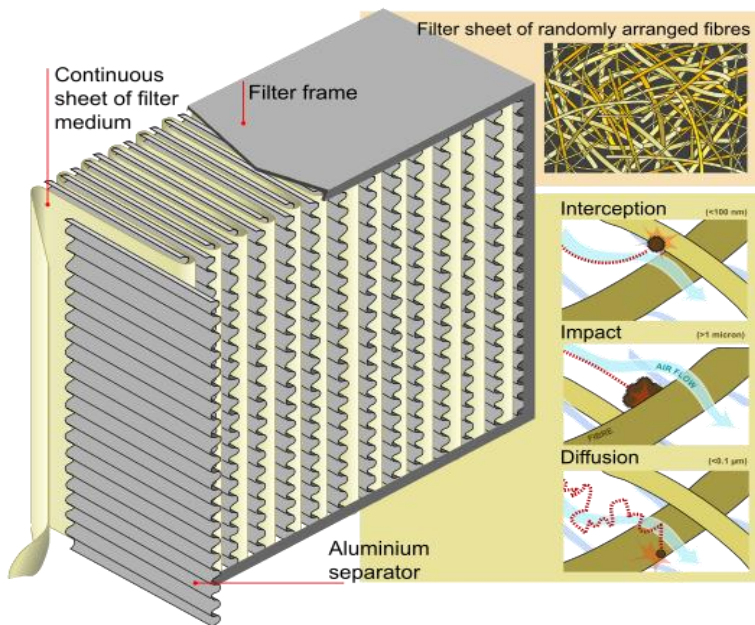
Filter casing is made out of aluminium powder coated GI or stainless steel. Filter casing shall be manufactured in box type or Flange type as per the requirements.

Applications:

- Airport
- Commercial Building
- HVAC Industrial Workplace
- Manufacturing Plant
- Office Buildings
- Restaurant and Hotel
- Roof Top Units
- School and Hospitals



Nominal Size	Actual Size	CFM	Initial Resistance (In. W.G.)	Efficiency @ 0.3	Micron Media Area (Sq. Ft.)
24 x 24 x 12	24 x 24 x 11-1/2	2000	0.53	99%+	122
24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	2000	0.54	99%+	116
24 x 24 x 12	24 x 12 x 11-1/2	1000	0.53	99%+	61
24 x 24 x 12	23-3/8 x 11-3/8 x 11-1/2	1000	0.54	99%+	56



Initial Pressure drop:

Less than 25mm wg to rated air flow.

Final Pressure drop:

75mm wg

Testing methods:

PAO (Poly Alpha Olefin) is a non-carcinogen liquid which is a most common replacement for DOP solution.



Multi Pocket Bag Filter



Description:

These Filters are designed from 100% synthetic filter medium. All media pockets are self-supporting to give uniform airflow

Manufacturing Process

These Filters consist of layers of needle felt and thermally bonded micro fibers.

Each filter consists of number of individual dust collecting bags affixed to a corrosion resistant filter frame.

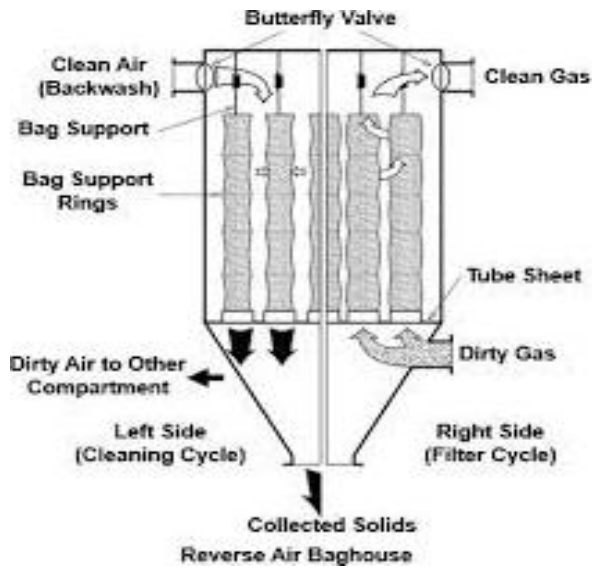
Applications:

Ventilation

High Duct Collecting Areas



Nominal Size	Actual Size	CFM	Efficiency @ 5.0
24 x 24 x 22	24 x 24 x 22	2000	90%+
24 x 24 x 30	24 x 24 x 30	2500	90%+



Initial Pressure drop:

Less than 6.5mm wg to rated air flow.

Final Pressure drop:

38mm wg



Activated Carbon Air Filter



Description:

Chemically Enhanced Carbon removes a wider range of odors. These filters have increased carbon content that increases filtering capacity. These Filters are Moisture resistant, sealed media pack prevents bypass, Self-supported media pack and contains no metal for improved incinerability and disposal.

Manufacturing Process

The dual layer media is pleated to substantially increase the amount of media surface area contained in the filter.

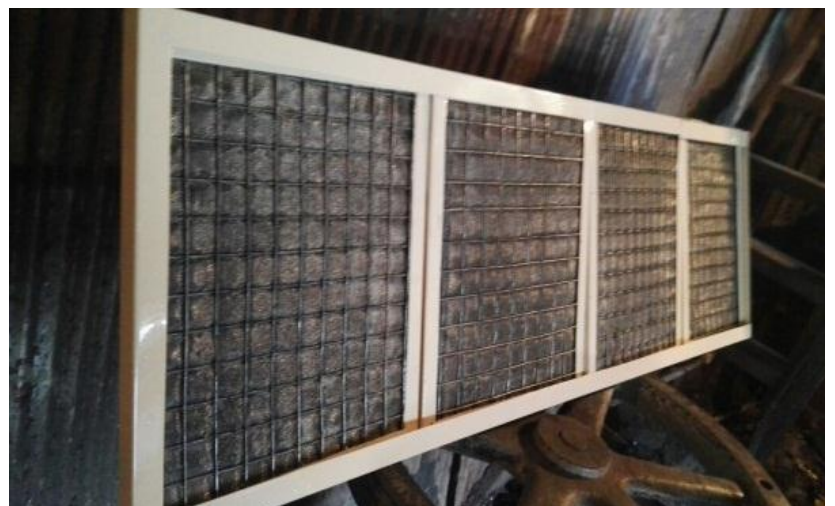
The combination media pack is contained in a die cut, moisture resistant beverage board frame.

The pack is sealed inside the frame to prevent bypass.

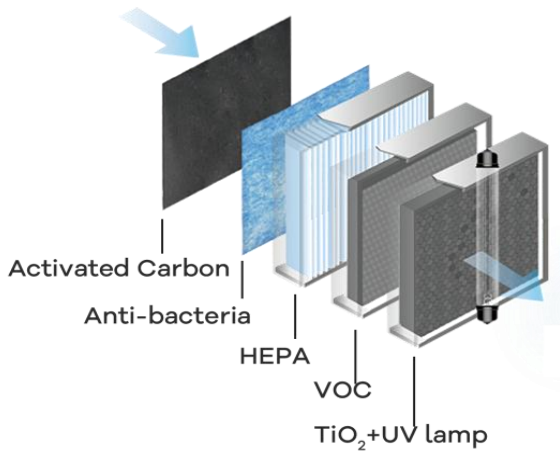
The new high carbon loading media is self-supporting -- contains no metal for improved incinerability and disposal.

Applications:

- Airports
- Hospitals
- Restaurants
- Industrial Facilities
- Beauty Salons
- Labs Buildings with loading docks located near air intakes (diesel fumes)
- Museums
- Libraries
- Packing Houses
- Fitness Centers
- Pet Shops
- Food Processing Plants



Nominal Size	Actual Size	CFM	Efficiency @ 5.0
12 x 12 x 12	12 x 12 x 12	250	95%+
20 x 15 x 6	20 x 15 x 6	550	95%+
20 x 20 x 6	20 x 20 x 6	750	95%+
24 x 24 x 6	24 x 24 x 6	1000	95%+
24 x 24 x 12	24 x 24 x 12	1000	95%+



Initial Pressure drop:

Less than 25mm wg to rated air flow.

Final Pressure drop:

75mm wg





