



Panel Filter/Hepa Filter  
Designer-Manufacturer-Exporter-Supplier





## Panel Filter

Panel filters are used in industries to retain particles ranging from 1 micron to 50 micron. These filters are basically air intake filters, which is working with negative pressure of systems. These filters are further classified as.

- Primary Filters
- Secondary Filters
- Hepa Filter

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## Primary Filters

Primary filters are used for coarse filtration for removal of particles in range of 10 to 50 microns. Primary filters retain coarse particles to avoid further loading on secondary filters & enhance the life of secondary filter. Primary filters are cleanable in nature to obtain good shelf life.

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## Features & Benefits

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- Low pressure drop due to pleated configuration
- Easy to install
- No bypassing
- Washable & reusable
- High dirt holding capacity
- Good mechanical strength
- Retrofit to any standard make

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## Material Of Construction

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### Configuration

- Flange type & Box type

### Sizes Available

- 610 mm x 610 mm x 50 mm / 100 mm / 150 mm / 300 mm
- 545 mm x 545 mm x 50 mm / 100 mm / 150 mm / 300 mm
- Customized sizes are available on request

### Filtration Rating

- 10, 15, 20, 25 micron & more

### Filtration Efficiency

- 80 – 90 %

### Frame Material

- SS 304 / GI (Galvanized Steel) / Aluminum Powder coated / CRC powder coated or Zinc coated

### Filter Media

- HDPE Media / Synthetic Fiber Media / Spun bonded polyester media

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## Secondary Filter

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Secondary filters are used for fine filtration for removal of particles in the range of 1 to 10 microns. Secondary filters are made from selective fiber media for better efficiency.

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## Features & Benefits

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- Low pressure drop due to pleated configuration
- Easy to install
- No bypassing
- Washable & reusable
- High dirt holding capacity
- Good mechanical strength
- Retrofit to any standard make

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## Technical Specification

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Configuration : Flange type & Box type

### Sizes available

- 610 mm x 610 mm x 50 mm / 100 mm / 150 mm / 300 mm
- 545 mm x 545 mm x 50 mm / 100 mm / 150 mm / 300 mm
- Customized sizes are available on request

- Filtration Rating : 1, 5, 10 micron & more
- Filtration efficiency : 80 – 90 %

### Frame Material

- SS 304 / GI (Galvanized Steel) / Aluminum Powder coated / CRC powder coated or Zinc coated.

### Filter Media

- HDPE Media / Synthetic Fiber Media / Spun bonded polyester media

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## Hepa Filter

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Hepa filters are designed to meet requirement of very fine filtration up to 0.3 micron at high efficiency of 99.99 %. We have added a new feature in conventional hepa filters by using spun bonded polyester media which is cleanable in nature. These are available with different coatings like PTFE coating, PTFE lamination & more for better dust releasing. Due to hydrophobic & oleo phobic treatment on media, it does not allow any moisture & oil contents to pass through.

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## Technical Specification

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### Configuration

- Flange type & Box type

### Sizes available

- 610 mm x 610 mm x 50 mm / 100 mm / 150 mm / 300 mm
- 545 mm x 545 mm x 50 mm / 100 mm / 150 mm / 300 mm
- Customized sizes are available on request

### Filtration Rating :

- 0.3 micron & more

### Filtration efficiency :

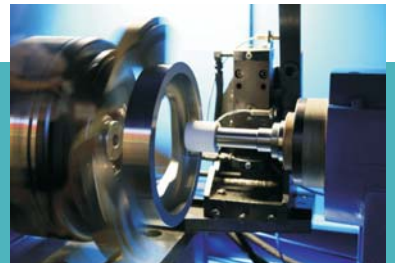
- 90 – 99.9 %

### Frame Material

- SS 304 / GI (Galvanized Steel) / Aluminum Powder coated / CRC powder coated or Zinc coated

### Filter media

- Glass Fiber media / Spun bonded polyester media



Designed By: e-brandstudio.com

## Filter Concept Pvt. Ltd.

(An ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 Certified Company)

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