

## Cartridge filter Housing

We are providing you the best range of Bag filter Housings and Cartridge filter housings for Bags and Cartridges with better effect, Quality & Timely delivery.

### Construction :-

Cartridge filter system develop for wide range of flow capacities & impurity holding Capacity. Cartridge filter are fitted in the various equipments of water filtration. Cartridge filter is constructed of filter housing, filter Cartridges, internal Cartridges holding and sealing arrangement, leak proof sealing arrangement, and various Inlet , Outlet, Vent , Drain connections sizes & types to match various flow rating and Piping configurations.

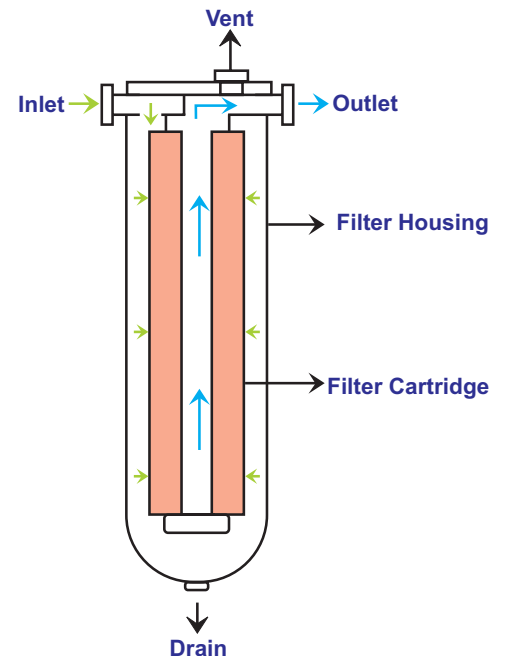
All housings have been tested and passed the hydrostatic leak and burst pressure to ensure consistence safe performance.

### Operation :-

In this Cartridge filtrations system unfiltered fluid enters from Inlet of housing in to the housing and is distributed evenly around the Cartridge filter. That time filtration take place from cartridge outside to inside. Solids are collected on the outside of filter cartridge and filtered fluid passes from cartidge inside to outlet of housing . Solids are collected on the outside of filter Cartridge clean it by taking it out from the housing or replace it with new one. The filtered fluid then exits through the outlet pipe.

### Features & Benefits:-

- Low pressure drop
- High flow rates
- Permanently - piped housings
- Covers are O - Ring sealed
- Carbon Steel or stainless Steel ( SS304, SS316, SS316L)
- Easy to clean
- Easy to operate & low Maintenance
- Adjustable - Height legs, Standard.
- Accommodates 10", 20", 30", & 40" long filter cartridges
- All housings made from SS 316 L, SS 316 & SS 304 are mirror polished .
- Carbon steel housings are sand blasted, epoxy coated & finally painted with two coats of synthetic
- Quick opening tri clovers design



## Technical Specifications

### Sizes

#### Cartridge filter Housing suitable for

- 1 No. To 21 Nos. Of Cartridges in Single Housing
- 2" , 2.5" , & 4" Diameter of Cartridge
- 10" , 20" , 30" & 40" Length of Filter cartridge
- Micron Rating; 0.5, 1, 5, 10, 25, 50, 75, 100

### Flow Rate

Capacity: Up to 100 m3 /hr

### Operating conditions

Max. Operating Pressure: 7 kg/cm<sup>2</sup>

Max. Operating Temperature: 120 C

### Material of construction

- SS 316L
- SS 316
- SS 304
- CARBON STEEL
- MILD STEEL

### Cartridge filter suitable for Cartridge configuration

- Melt Blown Cartridges
- Wound Cartridges
- Pleated Cartridges

### Gasket / O Ring Material

- Neoprene
- Nitrile
- Silicone
- Viton
- EPDM
- PTFE

### End connections available

- NPT / BSP Threaded
- Flanged Table E / Table F
- ANSI B 16.5 Flanged
- DIN Standard
- Tri Clover Adaptors
- SMS /Dairy End Connection

### Applications

- Processing Chemicals & Petrochemical
- Paints & powder Coatings
- Automobile Industries
- Cleaning Fluids.
- Water Treatment Plants
- Industrial job cleaning Machine
- Electroplating
- Ink
- Pharmaceutical Industries.
- Bottling Plants.
- Domestic Water Supply
- Food Industry.
- Mineral Water
- Dairy Products

