



Bag 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 :-

Bag filter system is designed for optimum filtration performance. They are particularly for filtering larger volumes of high viscosity liquids. Bag filter is constructed of filter housing, filter Bags, Internal perforated cylinder to support bags, leak proof sealing arrangement, and various Inlet, Outlet, Vent, Drain connections sizes & types to match various flow rating and Piping configurations.

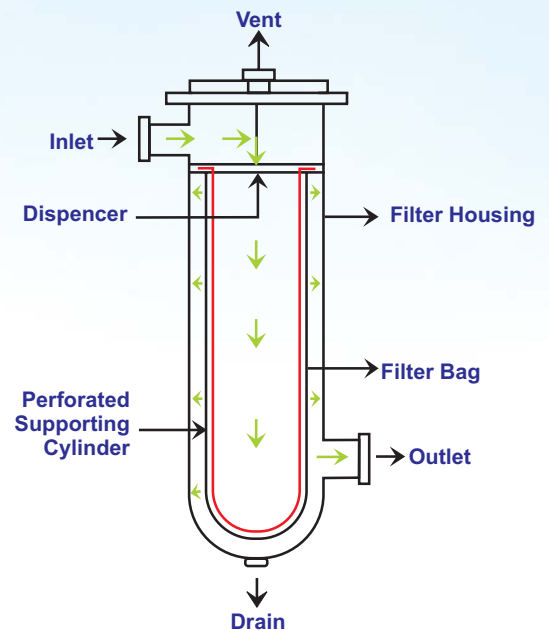
All housings have been tested and passed the hydrostatic leak and burst pressure to ensure consistent safe performance.

Operation :-

In this Bag filtration system unfiltered fluid enters from top of the Inlet housing into the bag and is distributed evenly around the filter bags. That time filtration takes place from Bag inside to outside. Solids are collected on the inside of filter bag and filtered fluid passes from bag inside to outlet of housing. Solids are collected on the inside of filter bag 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.
- » 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

- Bag filter Housing suitable for
- » Ø 4" x 10" Long Filter Bag
 - » Ø 4" x 17" Long Filter Bag
 - » Ø 7" x 17" Long Filter Bag
 - » Ø 7" x 32" Long Filter Bag
 - » Micron Rating; 0.2, 0.45, 1, 5, 10, 25, 50

Flow Rate

Capacity: Up to 500 m³ /hr

Operating conditions

Max. Operating Pressure: 4 kg/cm²
Max. Operating Temperature: 120 C

Material of construction

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

Bag filter suitable for bag configuration

- » PP Collar Bag
- » Rubber Collar Bag
- » Snap Band Bag
- » Rigid Ring Bag
- » Flange Collar Bag

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



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