



Envifab
EQUIPMENTS

Bag Filter Housing



Bag Filter Housing:-

We are the prominent manufacture of Single bag Filter Housing and Multi Bag Filter Housing.

We offer a wide range of bag filter housing designs with high flow capacities and contaminant holding capacities.

Our Bag Filter Housings are mirror polished to resist adhesion of dirt and scale. Rapid Opening and Closing lids ensure simple operation with minimal used bag filter housing downtime for filter bags change out. We customize bag filter Housing with different Inlet and Outlet Connections, High Pressure Rating, High Flow Rate, Special Materials. Bag Filter is widely used for liquid filtration, it can remove the particles of the different size from Liquid. In Order to achieve the liquid filtration, Purification, Separation, recovery purpose we offer the housing with disposable or cleanable filter bags with internal support cage. Internal cage support ensures filter bags not burst as high differential pressures build during operation.

Operation: -

Unfiltered liquid enters into the bag filter housing through Inlet connection which may place on side or on the Top, and then flow into the filter bag. Due to impact pressure of fluid, the bag will extend and the liquid get evenly filtered through filter bag.

The Filtered fluid then exits through the outlet of industrial bag filter housing. Solids are collected inside the filter bag for easy removal and Filtration process is complete.

Whenever need to replace or clean the bag just loosen the Bolt, remove/ lifting the top lid and get the bag.





Specifications:

Materials	Housing	SS 304, SS 316, SS 316L, Duplex SS 2205, Duplex SS 2507, CS, MS, CSRL, MSRL
	Clamp	SS 304
	O-ring	Silicon, FKM, EPDM, PTFE, Other on request
Design Code	ASME Section VIII Division-1, GEP (Good Engineering Practice)	
Surface Finish	Interior/exterior	Matt finish, Mirror finish, Electro Polish (Optional)
Connections	Inlet/outlet	BSP, NPT, DIN Flange, ASA 150# Flange, BS-10 Table `D' / `E' / `F' Flange , Tri-clover (1/2", 3/4", 1" , 1 1/2" , 2" , 2 1/2", 3" up to 12"), SMS
	Vent	NPT (1/2",3/4",1"), BSP(1/2",3/4",1") , Tri-clover (1/2", 1")
	Drain	NPT (1/2",3/4",1"), BSP(1/2",3/4",1") , Tri-clover (1/2", 1")
Maximum Operating Pressure	0.7 MPa (7.0 bar, 101.5 PSI)	
Maximum Operating Temperature	65°C (149°F)	
Bag Configuration	7" X 17" & 7" X 32"	
Supported Elements	Perforated Cage, MOC: SS304/ SS316	
Note	Preliminary specifications and features are subject to change.	

Features & Benefits

Low Pressure Drop at Higher Flow Rate

High Dirt Holding Capacity

Zero Holdup Design Available On Demand

Customized Inlet & Outlet Connection On Demand

Zero Bypass and Leak Proof sealing

Smooth Surface to avoid the retention of Contaminants on the Surface of the Housing.

Easy To operate and & Low maintenance.



Applications:

Pharmaceuticals
Water & Wastewater
Treatments
Textile
Paint & Ink
Dyes
Food & Beverages
Dairy
Bore well Water

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