

Cartridge Filter Housing



Cartridge Filter Housing:-

Cartridge filter housing system offers wide range of flow capacities & contaminant holding capacities. Cartridge filters are normally used as polishing filter in almost all types of process industries. These filters are constructed with filter housing, filter cartridges, positive sealing arrangement for cartridge depending upon type of cartridge & choice of end connections. Positive sealing arrangement for cartridge filter assures there is no particle migration or fiber migration, even after high differential pressures.

Operation: -

Contaminated fluid enters the housing and is distributed evenly around the filter cartridges. Filtration takes place from outside to inside which provides the larger surface area and high flow Capacity. Solids are collected on the outside of filter cartridges & clear filtrate is collected at outlet.



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)	
Cartridge Configuration	DOE, SOE (Fin/222, Fin/226, Flat/222, Flat/226)	
Cartridge Length/diameter	10", 20", 30" or 40" / 60 mm (2.75") to 112 mm (4.5")	
Note	Preliminary specifications and features are subject to change.	
Applications	Pharmaceuticals Water & Wastewater Treatments Textile Paint & Ink Food & Beverages Dairy Bore well Water Dyes	



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.

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