

BAG FILTER HOUSING

PRODUCT INTRODUCTION & WORKING PRINCIPLE

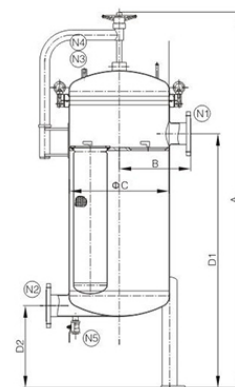
EUROFIL is an ISO 9001:2015 certified manufacturer and distributor of world-class filtration, purification, adsorption, and separation solutions. With Innovation at the core, we develop next-gen filtration products and systems to solve all process-related challenges that the customers face. Our extensive product range includes but is not limited to an assortment of finest cartridge filters, cartridge housings, filter media, and filtration systems for industrial applications. We have established a global client base and nurtured every client by consistently delivering uncompromised quality of products, attention to customer requirements and excellent after-sales support.

APPLICATIONS

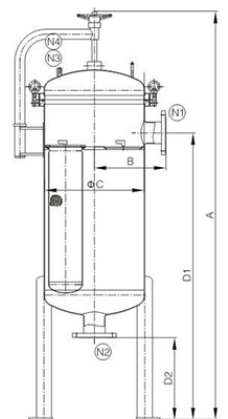
- Water treatment plants
- Wastewater treatment
- Prior to cartridge filters for dirt-load reduction.
- Chemicals and pharmaceuticals
- Oil removal

FEATURES AND BENEFITS

- Available in single round and multi round configurations.
- Offer higher flow with lower pressure differential.
- Each housing undergoes hydrostatic leak and burst pressure tests.
- Available in all variants of stainless steel.
- Robust knife edge for leak proof sealing.
- Lower pressure drop at higher flow rate, larger connections, air venting provision, robust knife-edge, zero bypass and leak proof sealing.
- Clamp closure for easy opening and quick change outs.
- Sealed with top-seated Buna-N/Silicon/Viton 'O' ring by positive tangential contact that eliminates accidental misplacement.
- Smooth surface to avoid retention of contaminants on the surface of the housings.



Above plate side-in and side-out multi bags filter



Side-in and bottom-out multi bags filter

SPECIFICATIONS

Materials	Housing	SS 304, SS 316, SS 316L, Duplex SS 2205, Duplex SS 2507, CS, MS, CSRL, MSRL
	Clamp or Swing Bolt	304
	O-ring	Silicon, FKM, EPDM, PTFE, Other on request
Design Code	ASME Section VIII Division-1, GEP (Good Engineering Practice), UM-stamp, U-stamp, PED 97/23/EC, CE marking	
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" , 4" , 5" , 6" , 8" , 10" , 12")*
	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	PP Collar, Rubber Collar, SS-ring, PP-ring, Snap band	
Bag Length/diameter	Size – 1 (7" x 16"), Size-2 (7" x 32"), Size-3 (4" x 8"), Size-4 (4" x 14")	
Note	Preliminary specifications and features are subject to change.	

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