

HDB Multi bag filter housing



The multi bag filter housings are designed to ensure optimum working conditions.

- Evacuation floats are used to displace liquid in filters during processing operations. They help to eliminate product loss to spillage and reduce the volume of liquid moving through the bag at one time and lower bag weight.
- The top of the housing together with the Polyloc snap-fit ring creates a hermetic seal within a vessel housing to prevent liquid bypass.
- Single-gasket lid seal minimizes spare parts, cleans easily, and allows quick bag change-out.
- The Quick Closure filter housing is available on all multi-bag units, greatly reduces change-out time and improves safety.

HDB series of multi bag filter housings represent the line of heavy duty vessels used in various industries and applications: food, beverages, paint, resin, automotive, chemical, petrochemical, power and other. HDB multi bag filters are ideally suited where high filtration capacities are needed.

HDB multi bag housing having a side entry is a classical construction, proven in thousands world-wide applications. It's robust design, selection of materials of constructions and finishes make it ideal for most applications. It accepts all standard filterbags with metal ring or plastic self sealing collar (POLYLOCK ®), size 2 (7"/32"). It is designed and manufactured according to EEC directive PED 97/23/EC for group 1 liquids, and for group 2 liquids.

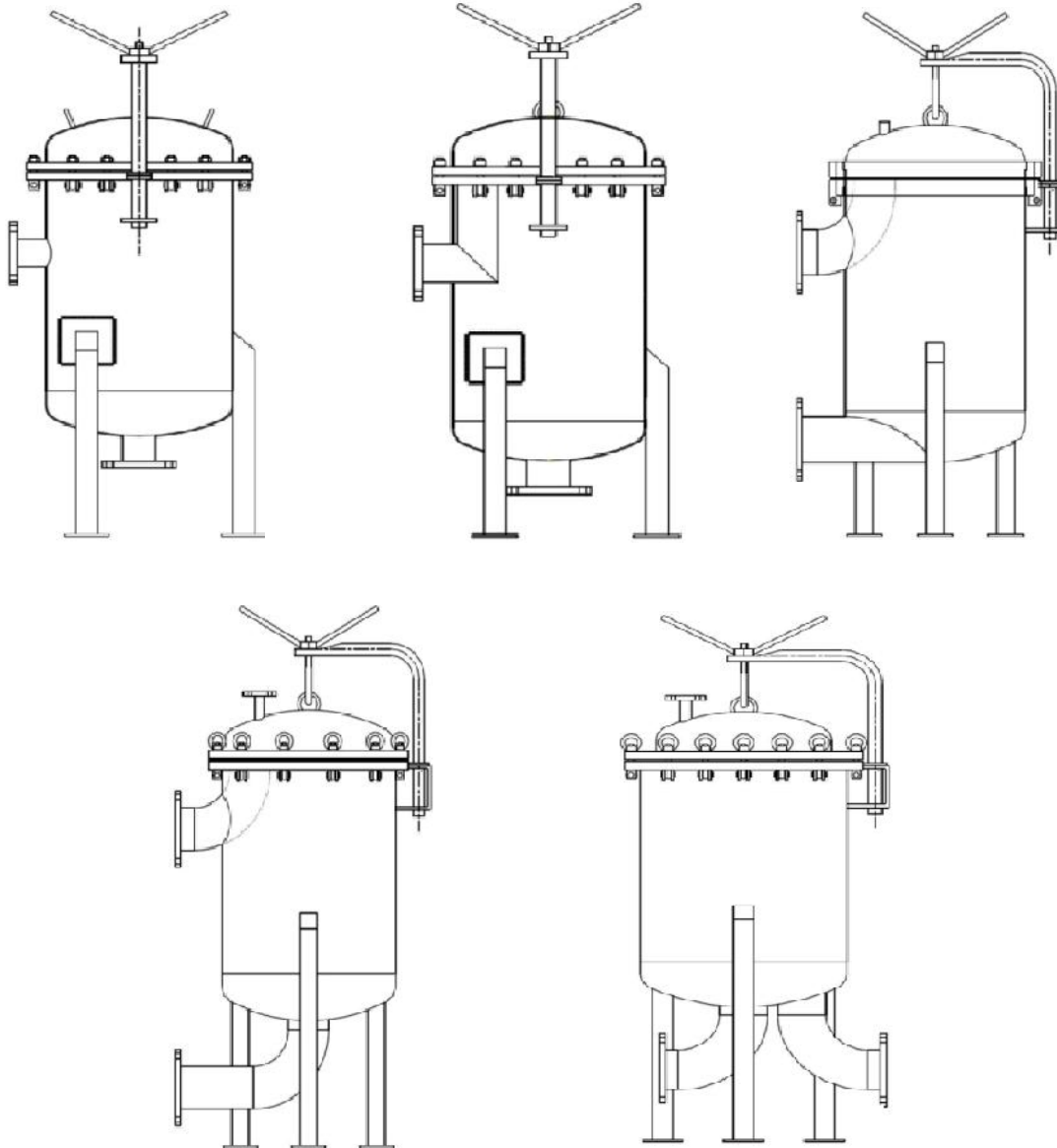
HDB multi bag housings can be executed in two basic finishes:
- industrial: glass beaded (satin),
- with mirror polish finish for more demanding applications.

Standard construction materials are AISI 304, AISI 316 and 316L. For special applications, the filter can be lined with chemically resistant linings (hard rubber, hallar) or made of special types of steel, such as: 904, duplex, superduplex and titanium.



HDB Multi bag filter housing

Location of nozzles



Ordering information

Number of bag	Type	Material	Body seal	Finish	Connection size	Connection type
4	HDB2	AISI 304 = 04	B = NBR	S = Satin (glass beaded)	DN 80	FL = Flange
6		AISI 316 = 06	E = EPDM	P = Mechanical polish	DN 100	FT = Butt Weld
12			S = Silikon	EP = Electropolished	DN 125	DIN = Quick release coupling
			V = Viton		DN 150	BSP = Thread