

MEGAPLEAT Liquid Filter Housing



- Small size of the filter housing in relation to the flow rate.
- The lowest investment and operating costs.
- Safe flange enclosure closure.
- Easy and quick change of cartridges through tilting screws.
- Two basic orientations available, horizontal and vertical.

Megapleat series filter housing designed for use with filter cartridges with diameter 150mm (standard Ultipleat HFU Pall) and mainly used for large fluid flow rate applications, especially in water treatment.

Designed for large flow rates, this filter housing requires a small area for installation. It is cost efficient and easy to operate when compared to traditional filter housings.

Megapleat filter housings can be executed in two basic finishes: industrial (glass beaded / satin) and with mirror polish finish for more demanding applications where cleanliness and easy cleaning of a housing is essential.

Standard construction materials are AISI 304 and AISI 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.

In addition, it is available in a horizontal or vertical configuration. Normally, a vertical configuration is composed of 10 round 40" filters. For large flow rates over 1000m³/h, we recommend choosing a horizontal configuration with 60" filter cartridges as it satisfies large flow applications and relatively ease to change.

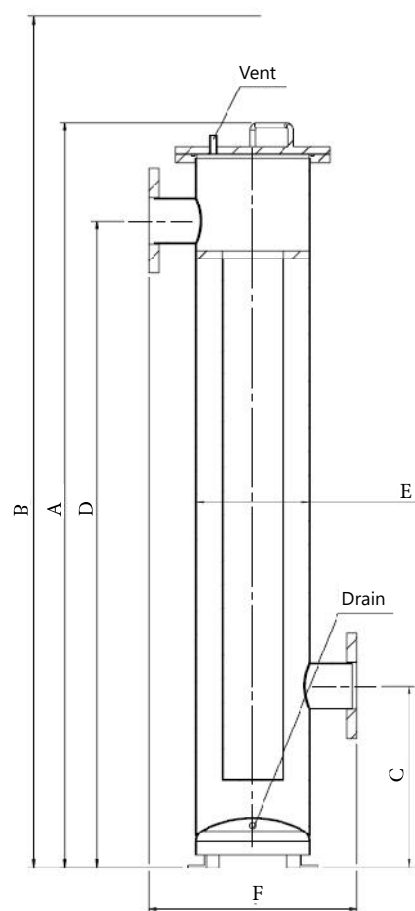
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Operating Conditions

Max. operating pressure : 6bar / 10bar
 Max. operating temperature : 100°C

Approximate dimensions of the vertical filter housing

No. of cartridges	Nominal flow [m3/h]	Standard connections	A [mm]	E [mm]	F [mm]
1	110	DN100	2300	220	820
2	220	DN150	2500	400	1000
3	330	DN200	2600	460	1100
4	440	DN200	2650	510	1180
7	770	DN300	2800	610	1500
12	1320	DN400	3100	760	1500



Ordering information

No. of cartridge	Type	Cartridge lenght	Material	Sealing	Surface finish	Inlet / Outlet	FL=flange
1	MPLCHT	20=20"	04=AISI 304	B=NBR	S=Satin	DN100	
2		40=40"	06=AISI 316	E=EPDM	P=Polished	DN125	
3		60=60"	06L=AISI 316L	S=Silicone	EP=Electropolished	DN150	
4				V=Viton		DN200	
7						DN300	
12						DN400	