

Our standard JDF are available in 6 bar and 10 bar. The demand for high flow elements is fast growing because of the many advantages against other filtration systems. LFS makes high flow housings suitable for all commercial available elements so the customer is not dependend of a specific supplier. Together with the customer LFS searches for the right application and construction of the filter housing. The housings are designed according to the PED. The position of the inlet and outlet can be changed to the customers requirements. Options: valves, pressure gauges, automatic air release. LFS calculates the chemical, temperature and pressure influences on the housing.

Ordering code: JDF-1100-PP6E-50F

Type

JCF = Cartridge
JBF = Bagfilter
JSF = Strainer
JDF = High flow

Amount of cartdigdes

Lenght

50 = 20"
100 = 40"
150 = 60"

DN + Connection

F = Flange
FT = Female Thread
MT = Male Thread

O-ring

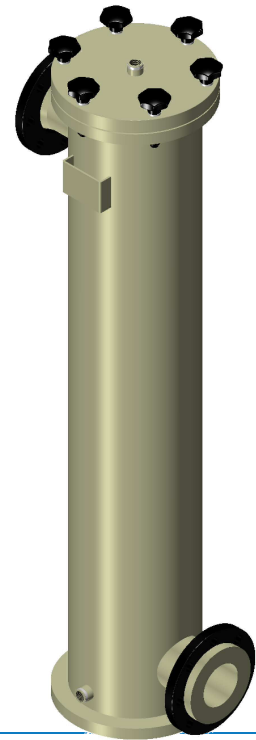
E = EPDM
V = FPM

Pressure

6 = 6 bar @ 40° C
10 = 10 bar @ 40° C

Material

PP = Polypropylene
PE = Polyethylene
PVDF = Polyvinylidene fluoride



Specifications

Materials

Housing	Polypropylene (PP)
	Polyethylene (HD-PE)
Bolts	Stainless steel
O-ring	EPDM/FPM

Dimensions

Diameter	250 mm
Cartridge length	20" / 40" / 60"

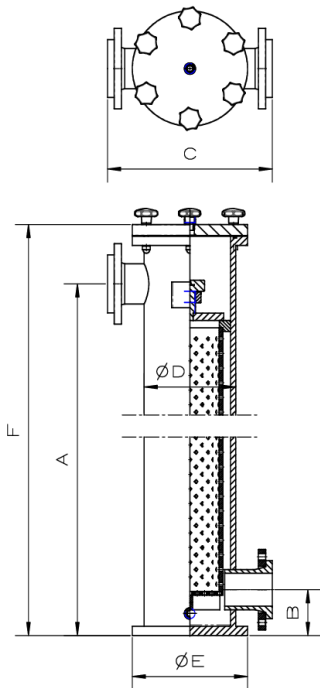
Other

Inlet/Outlet	DN 32 to 100
	½" to 2"
Drains/vent	½" BSP
Max. temperature	60° C
Max. pressure @ 40° C	6 bar or 10 bar

Benefits

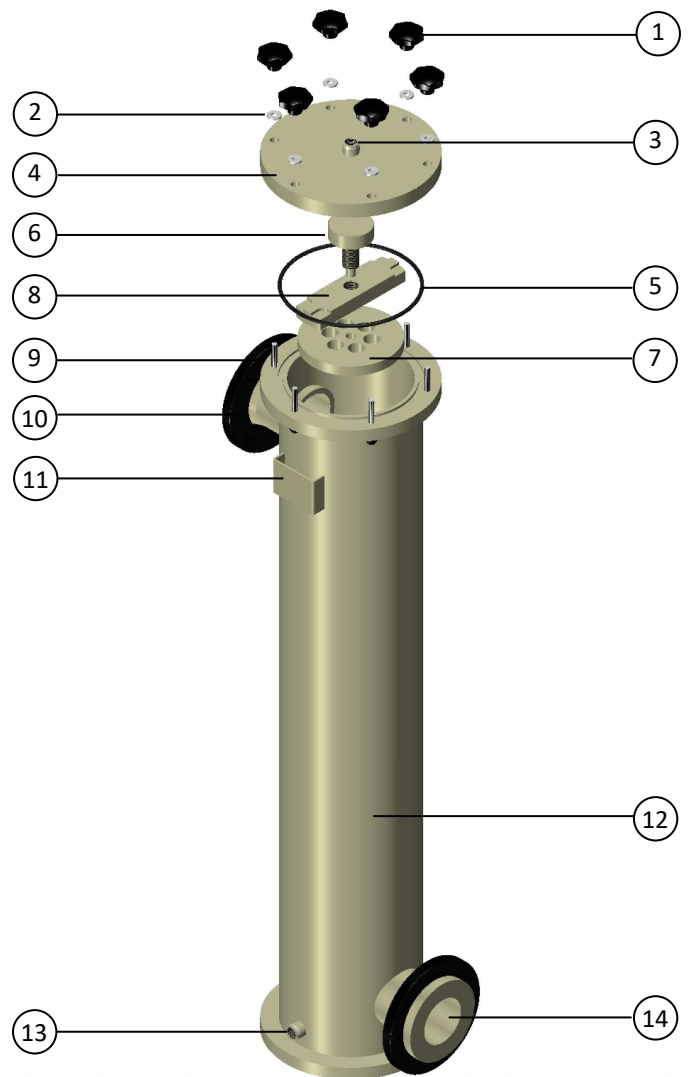
- In- and outlet position can be chosen
- Pressure up to 10 bar
- High chemical resistance
- Can be in environments with high concentrations of salt
- Optimal for use in desalination systems
- Low maintenance
- Easy handling

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	JDF		
Dimensions in mm	Inlet / outlet DN 32/40/50	Inlet / outlet DN 65/80	Inlet / outlet DN 100
A (20"/40"/60")	900/1270/1800	890/1260/1800	750/1250/1790
B	115	125	135
C	420	450	450
D	250	250	250
E	315	315	315
F 6 bar (20"/40"/60")	880/1390/1900	880/1390/1900	910/1420/1930
F 10 bar (20"/40"/60")	910/1420/1930	910/1420/1930	940/1450/1960

Pos	Name	Material
1	Handwheel	bakelite
2	Washer	Stainless steel
3	Vent 1/2" BSP	PP / HD-PE
4	Lid	PP / HD-PE
5	O-ring	EPDM / FMP
6	Spindel	PP / HD-PE
7	Pressure plate	PP / HD-PE
8	Lock beam	PP / HD-PE
9	Bolt set	Stainless steel
10	Inlet	PP / HD-PE
11	Name tag	PP / HD-PE
12	Housing	PP / HD-PE
13	Drain 1/2" BSP	PP / HD-PE
14	Outlet	PP / HD-PE



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