

Blueflo™ DSF Series Depth-stack Filter Housings



Blueflo™ DSF Series Depth-stack Filter Housings are depth housings for Depth-stack filter cartridges. They can replace DE filter to remove the particles in kinds of liquids for filtration,clarification and purification. The housings are constructed under sanitary grade standards with high precision polishing. There is no residual liquid after using and easy to clean. With the bottom inlet and outlet design, it can avoid the turbulence of liquid effectively and improve the filtration performance. The housing can hold 4 pcs depth-stack filter cartridges at most and meet the high flow requirement.

Features:

- Bottom inlet and outlet design, easy to clean, optional drain valve for easy operation of drain.
- For multi-cartridges housing, there is style of multistage housing body which is easy for cartridge changing and reduce the exudation.

Applications :

- The particle filtration of wine,beer, syrup.
- The prefiltration of juice.
- The final filtration of juice.
- The clarification of wine,liquid gel,olive oil.
- The liquid filtration in pharmaceutical,chemical,microelectronics industry.

Product specifications :

Material of constructions :

Housing body :	304, 316L
Vent/Drain :	304, 316L
Eyebolt :	304
Feet :	304
O-ring, gasket :	EPDM、PTFE、Viton、Silicone

Connections :

Body connection :	flange
Inlet/outlet N1、 N2 :	flange,quick install,thread
Pressure gage N3 : (optional)	1.5" quick install
Drain N4 (optional) :	1" quick install
Vent N5 (optional) :	1/2" quick install

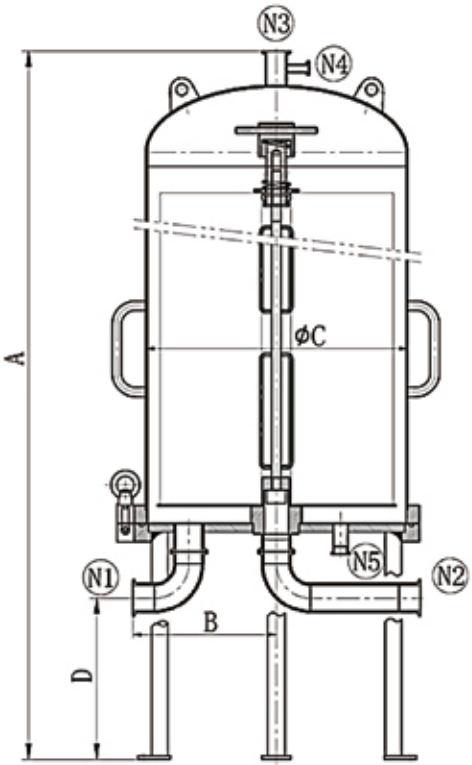
Surface polishing :

Polishing type :	mechanical polishing, electrolytic polishing
polishing precision :	inside 0.3μm , outside 0.4μm

Performance :

Max. Operation pressure :	0.6MPa
Max. Operation temperature :	150 °C
Sterilization :	SIP or steam , 121 °C/30min

Dimensions	12" Depth-stack cartridge				16" Depth-stack cartridge			
	1pc	2pcs	3pcs	4pcs	1pc	2pcs	3pcs	4pcs
A: Total height (except pressure gage)	950	1210	1490	1760	960	1230	1500	1770
B: Inlet center distance	200				250			
C: Diameter	Φ325				Φ450			
D: Terrain clearance of inlet/outlet N1, N2	280				280			
Inlet/outlet N1, N2	2"				2"			



The dimensions above are references for standard stand type filter housing, customizations are available. The length unit will be mm if not tagged.

Ordering Information

	Cartridge Qty.	Cartridge diameter	Inlet/outlet connection	Body material	Seal material
BDSF	1C=1pc	12=12"	F=flange	4=SS 304	E=EPDM
	2C=2pcs	16=16"	K=quick install	6=SS 316L	P=PTFE
	3C=3pcs		L=thread		V=Viton
	4C=4pcs				S=Silicone

EG : BDSF1C12F4E