Membrane filter housing type SFG

Application

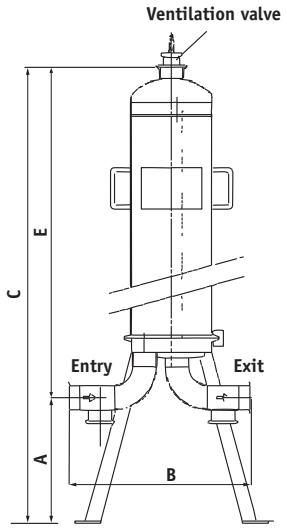
The COLF (Contec Liquid Filters) filter housings of the SFG series are designed for the highest purity requirements in the pharmaceutical, cosmetics, beverage, and electronics industries. The housings have a polished surface with no "dead" corners or edges. They can be steam sterilized or chemically disinfected with the filter elements. The housings are available in numerous variants to suit the respective application: 1, 3, 5, or 8 membrane elements, each with a length of 10", 20", 30", or 40", can be installed.

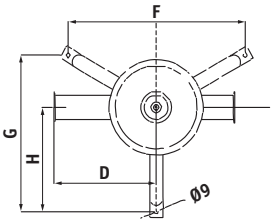
All housings are equipped with feet for free-standing installation and vent valves as standard (drain valves available at extra charge, connections provided).

Height-adjustable feet are available for models SFG-3 and up.

Technical data

Material:	Stainless steel 1.4404
Surface:	fine ground and polished inside Ra ≤ 0.8 µm
Seal:	EPDM (other materials on request)
Operating conditions:	-1bar to 10bar at -20°C to +40°C -1bar to 4bar at -20°C to +150°C
Adapter:	Standard Code 7 (Bajonett adapter) Code 3 and 8 on request
Connections:	Standard Tri-Clamp Optional round thread DIN 11851 or weld end





Designation	Tri-clamp connection	A	B	C	D	E	F	G	H
The following housings are manufactured in accordance with the Pressure Equipment Directive (2014/68/EU) Article 4, Paragraph 3									
SFG-1-10-C7-TC	1" TC	375	269	790	154	331	339	326	207
SFG-1-20-C7-TC	optional 1 1/2" TC	375	269	1.040	154	581	339	326	207
The following housings are manufactured in accordance with the Pressure Equipment Directive (2014/68/EU), Categorie I, Module A. Higher categories on request.									
SFG-1-30-C7-TC	1" TC	375	269	1.290	154	831	339	326	207
SFG-1-40-C7-TC	optional 1 1/2" TC	375	269	1.540	154	1.081	339	326	207
SFG-3-20-C7-TC		313-361	385	1.035-1.084	223	600	340-362	313-333	203-216
SFG-3-30-C7-TC	1 1/2" TC	313-361	385	1.285-1.334	223	850	340-362	313-333	203-216
SFG-3-40-C7-TC		313-361	385	1.535-1.584	223	1.100	340-362	313-333	203-216
SFG-5-20-C7-TC		285-333	445	1.047-1.096	263	610	395-417	342-361	228-241
SFG-5-30-C7-TC		285-333	445	1.297-1.346	263	860	395-417	342-361	228-241
SFG-5-40-C7-TC	2" TC	285-333	445	1.547-1.596	263	1.110	395-417	342-361	228-241
SFG-8-20-C7-TC		284-332	471	1.067-1.116	289	630	442-490	383-481	255-303
SFG-8-30-C7-TC		284-332	471	1.317-1.366	289	880	442-490	383-431	255-303
SFG-8-40-C7-TC	3" TC	227-275	603	1.576-1.625	351	1.130	462-510	400-448	267-315

Housings with more elements on request

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