

Silicone free Filter Housing SG Standard silicone free

The silicone free steel filter housings are designed for the industrial purification of compressed air and gases of paint compatible filter elements used in paint applications.

Product description:

The silicone free SG filter housings were designed especially for applications in the paint industry – paint compatible.

The filter housings are free from substances that could cause defects in the paint and guarantees that solid particles that could cause contamination are deposited from the compressed air and gases.

Due to an optimised construction the housings offer low differential pressures at high flow rates. A multitude of various housings with different connections, allow to match the requirements of the application, e.g. the compressor size.

This product series offers 13 different housings ranging from a volume flow of 648 cfm to 4608 cfm (related to 100 psig and 68°F), larger housings on request.



Technical Data

Materials:	
Filter housing	Steel
Econometer: differential gauge	Plastic
Pneumatic drain	Aluminium
Sealing acc. to ANSI 16.21	Aramid fibers

Fabrication acc. to ASME VIII, Division 1 Unfired Pressure Vessels stamped with:	
SG 0108 - 0192	UM-Stamp
SG 0288 - 0768	U-Stamp

Maximum operating pressure:	
SG 0108 - 0768	225 psig at 150°F

Maximum operating temperature:
+34°F/ 150°F

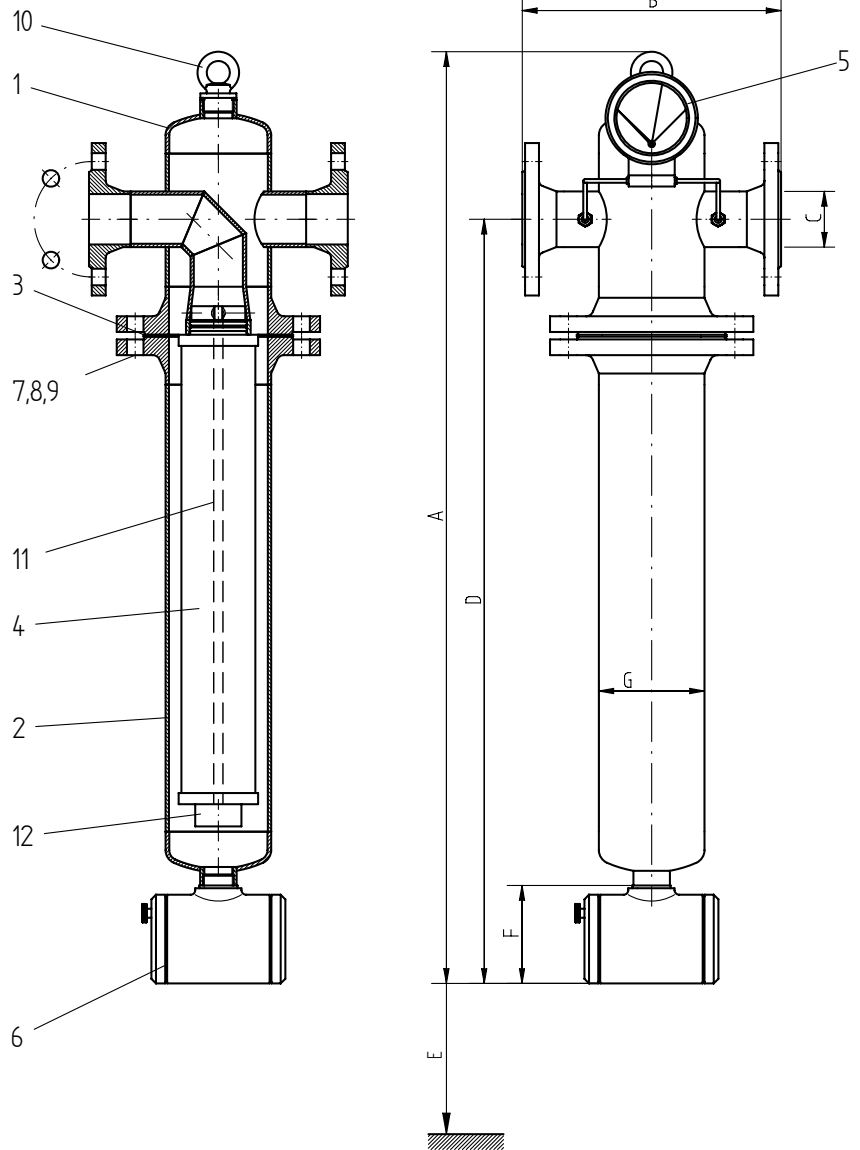
Surface finish:
Polyester resin coating

Connection IN/OUT:
Flange 2" to 6" ANSI B 16.5, 150 lb., RF

Industrial filter SG 0108 STD-0288 STD silicone free

Pos.	Piece	Description
12	1	knurled nut
11	1	anchor bolt
10	1	lifting eye bolt
9	1	washer
8	1	hexagon nut
7	1	hexagon bolt
6	1	drain UFM-P
5	1	econometer
4	1	filter element
3	1	housing gasket
2	1	lower housing bowl
1	1	upper housing bowl

Max. operating pressure:	225 psig at 150°F
Test pressure:	337.5 psig
Design temperature:	+14°F/ +250°F
Max. operating temperature:	+34°F/+150°F
Condensate drain:	UFM-P
Material:	carbon steel
Paint coat:	polyester resin coating



Housing Size	Volume (gal.)	Weight* (lb)	A inch	B* 0.15 inch	C**	D inch	E inch	F inch	ø G inch	Element size
0108STD	2.0	61.6	40.0	13.5	2"	32.7	17.7	4.1	4.5	15/30
0144STD	2.1	72.6	40.0	13.5	2.5"	32.7	22.8	4.1	4.5	20/30
0192STD	4.2	88.0	51.8	15.0	3"	44.1	33.5	4.1	5.5	30/30
0288-4STD	10.6	198.0	53.9	18.0	4"	44.9	33.5	4.1	8.6	30/50

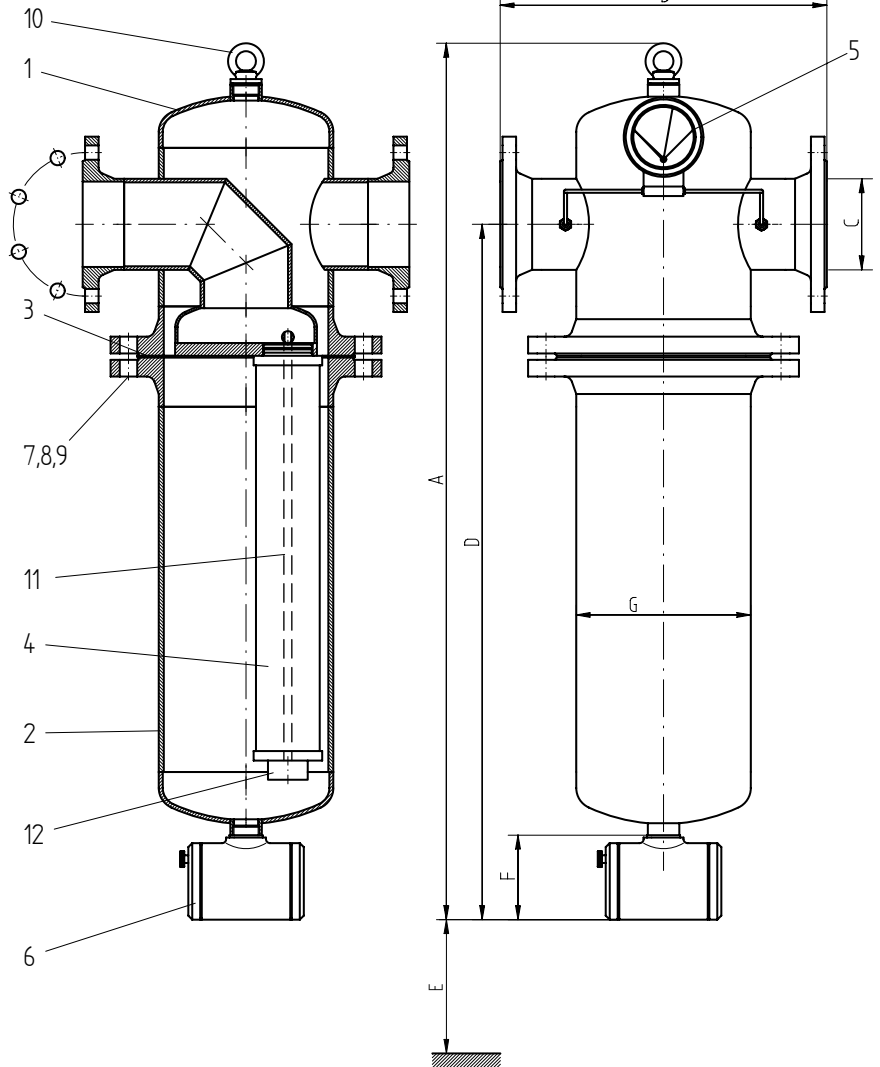
* without filter element

** 150 lb, ANSI B 16.5, RF

Industrial filter SG 0432 STD-0768 STD silicone free

Pos.	Description
12	knurled nut
11	anchor bolt
10	lifting eye bolt
9	washer
8	hexagon nut
7	hexagon bolt
6	drain UFM-P
5	econometer
4	filter element
3	housing gasket
2	lower housing bowl
1	upper housing bowl

Max. operating pressure: 0432STD-0768STD:	225 psig at 150°F
Test pressure: 0432STD-0768STD	337.5 psig
Design temperature:	+14°F/ +250°F
Max. operating temperature:	+34°F/+150°F
Condensate drain:	UFM-P
Material:	carbon steel
Paint coat:	polyester resin coating



Housing size	Volume (gal.)	Weight* (lb.)	A inch	B* 0.15 inch	C** inch	D inch	E inch	F inch	ø G inch	Element
0432STD	8.2	176.0	43.3	18.0	4"	34.3	22.8	4.1	8.6	3x20/30
0576STD	10.6	198.0	53.9	18.0	4"	44.9	33.5	4.1	8.6	3x30/30
0768STD	18.5	286.0	58.5	21.0	6"	47.6	34.4	4.1	10.7	4x30/30

Larger housings on request

* without filter element

** 150 lb, ANSI B 16.5, RF