

# Silicone free Filter Housing AG Standard silicone free

The silicone free aluminium 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 AG 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 14 different housings ranging from a volume flow of 20 to 2880 m<sup>3</sup>/h (related to 7 bar (g) and 20°C).



## Technical data

Features:	Benefits:
Filter housing: Housing made of: three parts	Savings in maintenance and installation
Acoustic alarm signal	Maximum safety
Optimized housing construction for best flow velocity	Savings in puri- fication costs of compressed air and gases

Maximum operating pressure:
16 bar

Maximum operating temperature:
+1°C / +65°C

Materials:	
Filter housing:	Aluminium die cast resp. mold cast
Screw locking ring with acoustic warning signal	Aluminium
Econometer: differential gauge	Plastic
Pneumatic drain:	Plastic and brass
Float type drain:	Aluminium die cast and stainless steel
Housing O-Ring	Viton

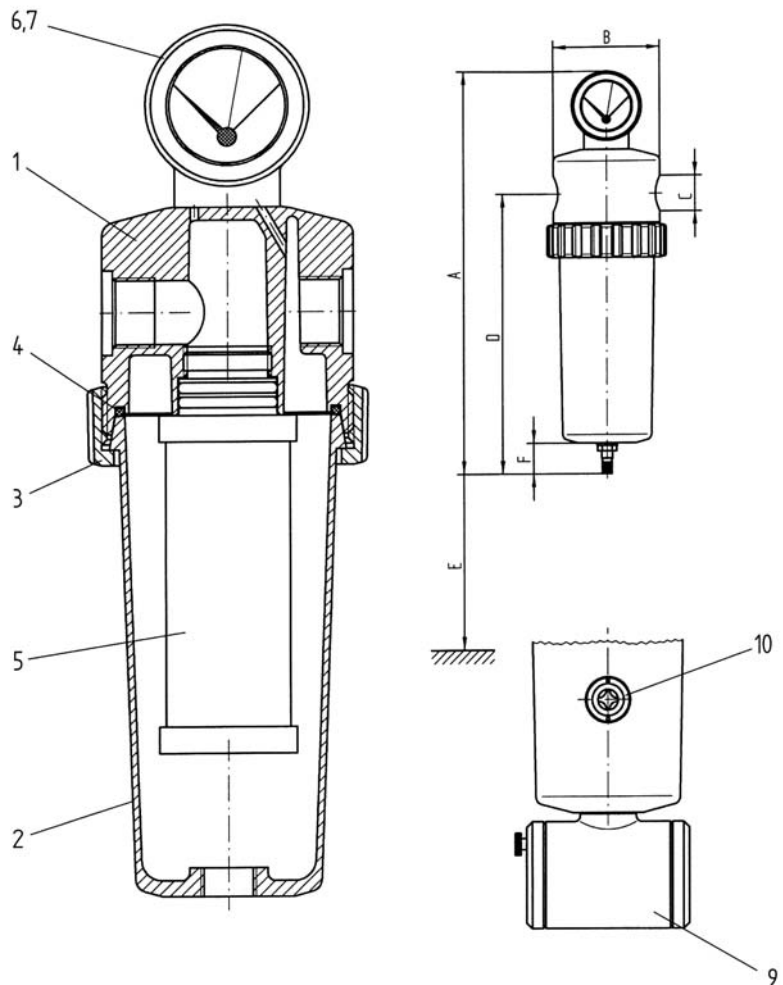
Surface finish:
Polyester resin coating

Connection:
1/4" bis 3" BSP

# Dimension Sheet

## Industrial filter AG 0002 - 0288 silicone free

Pos.	Piece	Description
10 0108-0288	1	sight glass R 1"
9 0108-0288	1	drain UFM-P
8 0002-0072	1	drain UFM KA
7 0048-0288	1	econometer NG 80
6 0002-0036	1	econometer NG 50
5	1	filter element
4	1	housing O-Ring
3	1	screw locking ring
2	1	lower housing bowl
1	1	upper housing bowl



Max. operating pressure:	16 bar
Test pressure:	22.88 bar
Maximum operating temperature:	+1°C / +65°C
Design temperature:	120°C
Material:	AG 0002 - 0036 EN AC-AISI 12 (Fe) AG 0048 - 0288 EN AC-AISI 7 Mg 0.3
Paint coat:	Polyester resin coating

Classification acc. to 97 / 23 / EG for fluids group 2	
AG 0002 - 0036	Art. 3, par. 3
AG 0048 - 0192	Cat. I
0288	Cat. II

Housing size	Volume (l)	Weight* (kg)	A mm	ø B mm	C*	D mm	E mm	F mm	Element size
0002	0.35	1.0	285	70	G 1/4	190	75	25	02/05
0004	0.35	1.0	285	70	G 3/8	190	90	25	03/05
0006	0.5	1.5	335	80	G 3/8	220	90	25	03/10
0009	0.5	1.5	335	80	G 1/2	220	120	25	04/10
0012	0.9	1.9	360	95	G 1/2	245	120	25	04/20
0018	0.9	1.9	360	95	G 3/4	245	150	25	05/20
0027	1.4	2.2	430	110	G 1	310	150	25	05/25
0036	1.4	2.2	430	110	G 1 1/4	310	200	25	07/25
0048	4.5	6.5	585	150	G 1 1/2	415	200	25	07/30
0072	4.5	6.5	585	150	G 2	415	280	25	10/30
0108	6.0	10.0	795	160	G 2	625	450	105	15/30
0144	7.5	12.6	935	180	G 2 1/2	755	580	105	20/30
0192	9.7	13.7	1185	180	G 3	1005	850	105	30/30
0288	18.0	20.0	1195	210	G 3	1015	850	105	30/50

\* without filter element