

# FILTER HOUSING AAFs - silicone free

## DESCRIPTION

AAFs filter housings have been specifically developed for high efficient removal of solid particles, water, oil aerosols, hydrocarbons, odour and vapours from compressed air <sup>(1)</sup> systems. In addition the filter housing was designed for easy installation. To meet the required compressed air quality appropriate filter element must be installed into filter housing.



## APPLICATIONS <sup>(2)</sup>

- Automotive
- Food & Beverage
- Chemical
- Paint

<sup>(1)</sup> For any other technical gas please contact us or your local dealer

<sup>(2)</sup> AAF filter housing can be used in variety of applications. For applications not listed please contact us or your local dealer.

## TECHNICAL SPECIFICATION

Operating temperature	1,5 - 65 °C	35 - 149 °F
Operating pressure	0 - 16 bar(g)	0 - 232 psi

## MATERIALS

	Aluminium
Housing material	Aluminium
Fittings, Screws	Brass, Brass-zinc plated, Steel
Cover	PA6
Sealing	NBR (silicone free)
Corrosion protection	Electrophoretic Coating (KTL)
Outside protection	Powder paint coated (Epoxy-polyester base)
Lubricant	/

**SIZES**

FILTER HOUSING	PIPE SIZE [inch]	FILTER ELEMENT	FLOW CAPACITY		DIMENSIONS [mm]				VOLUME [l]	WEIGHT [kg]
			[Nm <sup>3</sup> /h]	[scfm]	A	B	C	D		
AAFs 0006	1/8	03528	10	6	105	55	14	50	0,07	0,23
AAFs 0016	1/4	05528	18	11	125	55	14	70	0,09	0,24
AAFs 0026	1/4	03844	25	15	145	73	18	50	0,22	0,42
AAFs 0036	3/8	03844	30	18	145	73	18	50	0,22	0,42
AAFs 0046	1/4	06050	35	22	189	88	32	60	0,44	0,72
AAFs 0056	3/8	06050	60	35	189	88	32	60	0,45	0,71
AAFs 0076	1/2	07050	78	46	189	88	32	80	0,45	0,70
AAFs 0106	3/4	14050	120	70	257	88	32	150	0,64	0,78
AAFs 0186	1	12075	198	116	261	125	37	160	1,4	1,9
AAFs 0306	1	22075	335	197	361	125	37	250	2,0	2,4
AAFs 0476	1 1/2	32075	510	300	461	125	37	350	2,6	2,6
AAFs 0706	1 1/2	50075	780	459	641	125	37	530	3,6	3,5

Flow capacity at 7 bar(g), 20°C  
Standard is BSP pipe connection, other pipe connection on request.

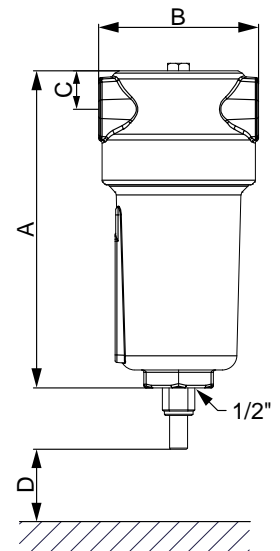
**PRESSURE EQUIPMENT DIRECTIVE PED 2014/68/EU (Fluid group 2)**

AAFs 0006 - AAFs 0476	Article 4.3
AAFs 0706	Category 1, Module H

**PRESSURE EQUIPMENT DIRECTIVE PED 2014/68/EU (Fluid group 1)<sup>(3)</sup>**

AAFs 0006 - AAFs 0026	Article 4.3
AAFs 0306 – AAFs 0476	Category 1, Module H
AAFs 0706	Category 2, Module H

<sup>(3)</sup> Fluid group must be specified in the order, if not standard fluid group 2 is selected.



**CORRECTION FACTORS**

To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor(s).

CORRECTED CAPACITY = NOMINAL FLOW CAPACITY x C<sub>OP</sub>


**OPERATING PRESSURE**

[bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
[psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
C <sub>OP</sub>	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

**MAINTENANCE**

Replace filter element at least every 12 months or follow the instructions for specific filter element. Once per year make a visual check of filter housing and make sure there is no visual damage.

**INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE**

	Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2015 Reg. number: SL22594Q
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