

FILTER HOUSING – AFFC

DESCRIPTION

AFFC filter housings have been specifically developed for high efficient removal of solid particles, water, oil aerosols, hydrocarbons, odour and vapours from compressed air ⁽¹⁾ systems. To meet the required compressed air quality appropriate filter element must be installed into filter housing.



APPLICATIONS ⁽²⁾

- General industrial application
- Automotive
- Electronics
- Food & Beverage
- Chemical
- Petrochemical
- Plastics
- Paint

⁽¹⁾ For any other technical gas please contact us or your local dealer

⁽²⁾ AF 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

Housing material	Aluminium
Fittings, Screws	Brass, Brass-zinc plated, Steel
Cover	PA6
Sealing	NBR
Corrosion protection	Anodized (optional)
Outside protection	Powder paint coated (Epoxy-polyester base)
Lubricant	Shell cassida grease RLS 2



SIZES

FILTER HOUSING	PIPE SIZE [inch]	FILTER ELEMENT	FLOW CAPACITY		DIMENSIONS [mm]				VOLUME [l]	WEIGHT [kg]
			[Nm ³ /h]	[scfm]	A	B	C	D		
AFFC 0056	3/8"	06050	60	35	192	88	25	60	0,49	0,6
AFFC 0076	1/2"	07050	78	46	192	88	25	60	0,49	0,6
AFFC 0106	3/4"	14050	120	70	262	88	25	80	0,68	0,7
AFFC 0186	1"	12075	198	116	264	125	39	100	1,57	1,2
AFFC 0306	1"	22075	335	197	364	125	39	120	2,1	1,6
AFFC 0476	1 1/2"	32075	510	300	464	125	39	140	2,7	1,9
AFFC 0706	1 1/2"	50075	780	459	644	125	39	160	3,8	2,6
AFFC 0946	2	51090	1000	588	696	164	50	520	6,1	5,7
AFFC 1506	2	76090	1500	882	943	164	50	770	8,3	7,6
AFFC 1756	2 1/2"	76090	1680	990	943	164	50	770	8,4	7,3
AFFC 2006	3"	51140	2160	1270	801	242	60	630	16,7	14,1
AFFC 2406	3"	75140	2760	1620	998	242	60	780	21,3	16,7

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

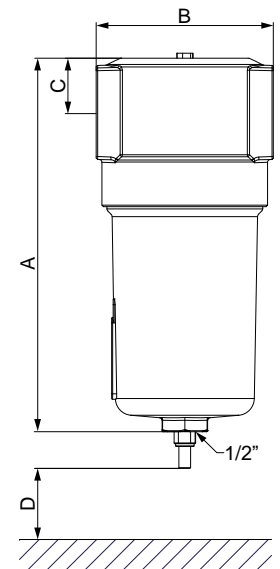
RESSURE EQUIPMENT DIRECTIVE PED 2014/68/EU (Fluid group 2)

AFFC 0056 - AFFC 0476	Article 4.3
AFFC 0706 - AFFC 1756	Category 1, Module H
AFFC 2006 - AFFC 2406	Category 2, Module H

PRESSURE EQUIPMENT DIRECTIVE PED 2014/68/EU (Fluid group 1)⁽³⁾

AFFC 0056 - AFFC 0106	Article 4.3
AFFC 0186 - AFFC 0476	Category 1, Module H
AFFC 0706 - AFFC 1756	Category 2, Module H
AFFC 2006 - AFFC 2406	Category 3, Module H

⁽³⁾ 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_{OP}


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 _{OP}	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: 200285
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