

FILTER HOUSING – AAF HT

DESCRIPTION

AAF HT filter housings have been specifically developed for very high efficient removal of solid particles, water and oil aerosols, from compressed air ⁽¹⁾ systems in high temperature applications. 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⁾ AAF HT 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 - 120 °C	35 - 248 °F
Operating pressure ⁽³⁾	0 - 10 bar(g)	0 - 145 psi

⁽³⁾ Operating pressure up to 13 bar(g) at operating temperature 85°C on request.

MATERIALS

Housing material	Aluminium
Fittings, Screws	Steel-zinc plated
Cover	PA6
Sealing	FKM
Corrosion protection	Electrophoretic Coating (KTL)
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		
AAF 0006 HT	1/8	03528	10	6	105	55	14	50	0,07	0,23
AAF 0016 HT	1/4	05528	18	11	125	55	14	70	0,09	0,24
AAF 0026 HT	1/4	03844	25	15	145	73	18	50	0,22	0,42
AAF 0036 HT	3/8	03844	30	18	145	73	18	50	0,22	0,42
AAF 0046 HT	1/4	06050	35	22	189	88	32	60	0,44	0,72
AAF 0056 HT	3/8	06050	60	35	189	88	32	60	0,45	0,71
AAF 0076 HT	1/2	07050	78	46	189	88	32	80	0,45	0,70
AAF 0106 HT	3/4	14050	120	70	257	88	32	150	0,64	0,78
AAF 0186 HT	1	12075	198	116	261	125	37	160	1,4	1,9
AAF 0306 HT	1	22075	335	197	361	125	37	250	2,0	2,4
AAF 0476 HT	1 1/2	32075	510	300	461	125	37	350	2,6	2,6
AAF 0706 HT	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)

AAF HT 0006 – AAF HT 0706

Article 4.3

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

AAF HT 0006 – AAF HT 0306

Article 4.3

AAF HT 0476 – AAF HT 0706

Category 1, Module H

⁽³⁾ The 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
[psi]	29	44	58	72	87	100	115	130	145
C _{OP}	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38

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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