

AAF SERIES

ALUMINIUM COMPRESSED AIR FILTERS

operating pressure	16 bar
volume flow rate	15 to 120 Nm³/h
connections	1/8" to 3/4"
operating temp. range	1,5 to 65 °C
standard colour	RAL 5012

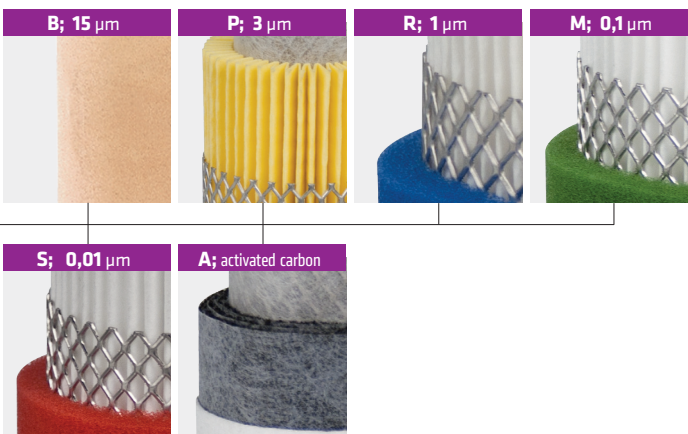
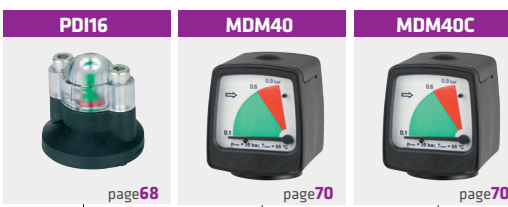
APPLICATIONS

- general industrial applications
- automotive
- electronics
- food and beverage
- chemical
- petrochemical
- plastics
- paint

DESCRIPTION

AAF filter housings are designed 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 (P, R, M, S, A) must be installed into filter housing.

⁽¹⁾ For any other technical gas please contact producer or your local distributor.





TECHNICAL DATA										FILTER ELEMENTS						
Filter housing size	Pipe size	Max.oper. pressure	Flow rate at 7 bar(g), 20 °C		Dimensions [mm]				Mass	P prefilter	R prefilter	M microfilter	S microfilter	A activated carbon	CKL-AAF	
	inch		[bar/psi]	Nm³/h	scfm	A	B	C		D	3 µm	1 µm	0,1 µm	0,01 µm		
AAF 0016 ²⁾	1/8"	16/232	15	9	110	54	17	50	0,25	03528 P	03528 R	03528 M	03528 S	03528 A	CKL-AAF 0016	
AAF 0026	1/4"	16/232	30	17	153	72	19	50	0,5	03844 P	03844 R	03844 M	03844 S	03844 A	CKL-AAF 0026	
AAF 0036	3/8"	16/232	30	17	153	72	19	50	0,5	03844 P	03844 R	03844 M	03844 S	03844 A	CKL-AAF 0036	
AAF 0046	1/4"	16/232	60	35	187	88	20	60	0,7	06050 P	06050 R	06050 M	06050 S	06050 A	CKL-AAF 0046	
AAF 0056	3/8"	16/232	60	35	187	88	20	60	0,7	06050 P	06050 R	06050 M	06050 S	06050 A	CKL-AAF 0056	
AAF 0076	1/2"	16/232	78	46	187	88	20	60	0,7	07050 P	07050 R	07050 M	07050 S	07050 A	CKL-AAF 0076	
AAF 0106	3/4"	16/232	120	70	257	88	20	80	0,8	14050 P	14050 R	14050 M	14050 S	14050 A	CKL-AAF 0106	
										quality class - solids (ISO 8573-1)	6	3	2	1	1 ³⁾	-
										residual oil content [mg/m³]	-	-	<0,1	<0,01	<0,005	-
										quality class - oils (ISO 8573-1)	-	-	2	1	1	-
										pressure drop - new element [mbar / psi]	10 / 0,145	20 / 0,290	50 / 0,725	80 / 1,160	60 / 0,870	-
										change filter cartridge at pressure drop [mbar / psi]	350 / 5,07	350 / 5,07	350 / 5,07	350 / 5,07	6 months ¹⁾	-
										filter material	acrylic fibres, cellulose		borosilicate micro fibres		activated carbon	-
										min. operating temperature (°C / °F)	1,5 / 35	1,5 / 35	1,5 / 35	1,5 / 35	1,5 / 35	1,5 / 35
max. operating temperature (°C / °F)	65 / 149	65 / 149	65 / 149	65 / 149	65 / 149	45 / 113										

CORRECTION FACTORS																
Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232	
Correction factor	0,38	0,50	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	

¹⁾ Filter elements "A" must be changed periodically to suit application, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.

²⁾ For size AAF 0016 no differential pressure indicator and no internal condensate drain is available, IED not available

³⁾ Valid if "S" filter cartridge is installed upstream.