

Control - Measure - Filter

Compressed air filters: Fine filter - microfilter - Activated carbon filter

Pneuparts compressed air filters

Pneuparts compressed air filters are designed to remove solid particles, water, oil aerosols, hydrocarbons, odors and vapors with high efficiency from compressed air systems (1). To obtain the required compressed air quality, the correct filter element must be installed in the filter housing.

Characteristics

- working pressure 16 bar
- flow rate 10 to 780 Nm³/h
- connections 1/8" to 1 1/2"
- operating temp. reach
- 1.5 to 65 °C
- standard color RAL 5012

Applications

- general industrial applications
- automotive
- electronics
- food
- chemistry
- petrochemical
- plastics
- paint



TECHNICAL DATA										FILTER ELEMENTS				
Filter housing size	Pipe size	Max.oper. pressure	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass	P prefilter	R prefilter	M microfilter	S microfilter	A activated carbon
	inch	bar/psi	Nm ³ /h	scfm	A	B	C	D	kg	3 µm	1 µm	0,1 µm	0,01 µm	
					mm	mm	mm	mm						
	1/8	16/232	10	6	105	55	14	50	0,23	AFF0006P ³⁾	AFF0006R ³⁾	AFF0006M ³⁾	AFF0006S ³⁾	AFF0006A ³⁾
	1/4	16/232	18	11	125	55	14	70	0,24	AFF0016P ³⁾	AFF0016R ³⁾	AFF0016M ³⁾	AFF0016S ³⁾	AFF0016A ³⁾
	1/4	16/232	25	15	145	73	18	50	0,42	AFF0026P	AFF0026R	AFF0026M	AFF0026S	AFF0026A
	3/8	16/232	30	18	145	73	18	50	0,42	AFF0036P	AFF0036R	AFF0036M	AFF0036S	AFF0036A
	1/4	16/232	35	22	189	88	32	60	0,72	AFF0046P	AFF0046R	AFF0046M	AFF0046S	AFF0046A
	3/8	16/232	60	35	192	88	21	60	0,6	AFF0056P	AFF0056R	AFF0056M	AFF0056S	AFF0056A
	1/2	16/232	78	46	192	88	21	60	0,6	AFF0076P	AFF0076R	AFF0076M	AFF0076S	AFF0076A
	3/4	16/232	120	70	262	88	21	80	0,7	AFF0106P	AFF0106R	AFF0106M	AFF0106S	AFF0106A
	1	16/232	198	116	264	125	39	100	1,2	AFF0186P	AFF0186R	AFF0186M	AFF0186S	AFF0186A
	1	16/232	335	197	364	125	39	120	1,6	AFF0306P	AFF0306R	AFF0306M	AFF0306S	AFF0306A
	1 1/2	16/232	510	300	464	125	39	140	1,9	AFF0476P	AFF0476R	AFF0476M	AFF0476S	AFF0476A
	1 1/2	16/232	780	459	644	125	39	160	2,6	AFF0706P	AFF0706R	AFF0706M	AFF0706S	AFF0706A
AAF 0946	2	16/232	1000	588	696	164	50	520	5,7					
AAF 1506	2	16/232	1500	882	943	164	50	770	7,6					
AAF 1756	2 1/2	16/232	1680	990	943	164	50	770	7,3					
AAF 2006	3	16/232	2160	1270	801	242	60	630	16,7					
AAF 2406	3	16/232	2760	1620	998	242	60	780	21,3					

Remarks:

- 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⁾ Valid if "S" filter cartridge is installed upstream.
- ³⁾ For size AFF0006 and AFF0016 no differential pressure indicator and no internal condensate drain is available, IED not available.

REPLACEMENT COMPRESSED AIR FILTER ELEMENTS

B grade 5 µm	P grade 3 µm	R grade 1 µm	M grade 0.1 µm	S grade 0.01 µm	Activated carbon
prefilter	prefilter	prefilter	microfilter	microfilter	activated carbon
quality class (ISO 8573-1)	quality class (ISO 8573-1)	quality class (ISO 8573-1)	quality class (ISO 8573-1)	quality class (ISO 8573-1)	quality class (ISO 8573-1)
solids: 7	solids: 6	solids: 3	solids: 2	solids: 1	solids: 1
oils: -	oils: -	oils: -	oils: 2	oils: 1	oils: 1
material	material	material	material	material	material
- sintered brass	- acrylic fibres - cellulose	- acrylic fibres - cellulose	- borosilicate micro fibres	- borosilicate micro fibres	- activated carbon - borosilicate micro fibres

FILTER ELEMENTS						
Filter housing size	Pipe size	P prefilter 3 µm	R prefilter 1 µm	M microfilter 0,1 µm	S microfilter 0,01 µm	A activated carbon
inch	inch					
AFF0006	1/8	03528P ³⁾	03528R ³⁾	03528M ³⁾	03528S ³⁾	03528A ³⁾
AFF0016	1/4	05528P ³⁾	05528R ³⁾	05528M ³⁾	05528S ³⁾	05528A ³⁾
AFF0026	1/4	03844P	03844R	03844M	03844S	03844A
AFF0036	3/8	03844P	03844R	03844M	03844S	03844A
AFF0046	1/4	06050P	06050R	06050M	06050S	06050A
AFF0056	3/8	06050P	06050R	06050M	06050S	06050A
AFF0076	1/2	07050P	07050R	07050M	07050S	07050A
AFF0106	3/4	14050P	14050R	14050M	14050S	14050A
AFF0186	1	12075P	12075R	12075M	12075S	12075A
AFF0306	1	22075P	22075R	22075M	22075S	22075A
AFF0476	1 1/2	32075P	32075R	32075M	32075S	32075A
AFF0706	1 1/2	50075P	50075R	50075M	50075S	50075A

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