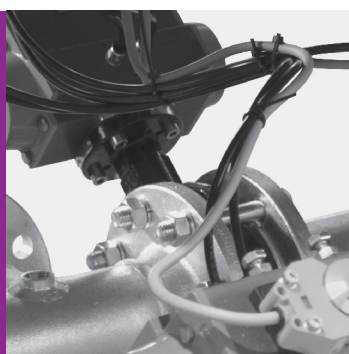


COMPRESSED AIR AND GAS TREATMENT

Standard product catalogue 2017-2019

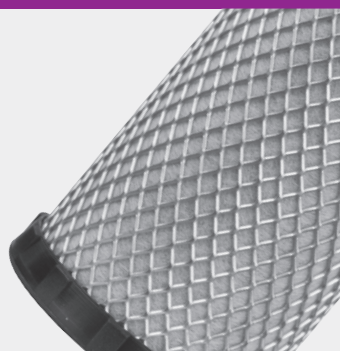


compression

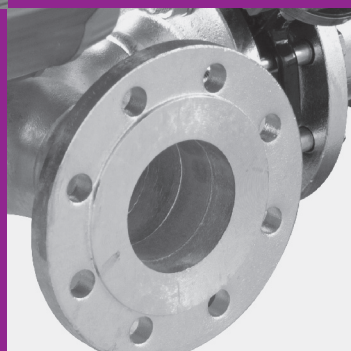


filtration

separation



drying



cooling



Better air

Better air

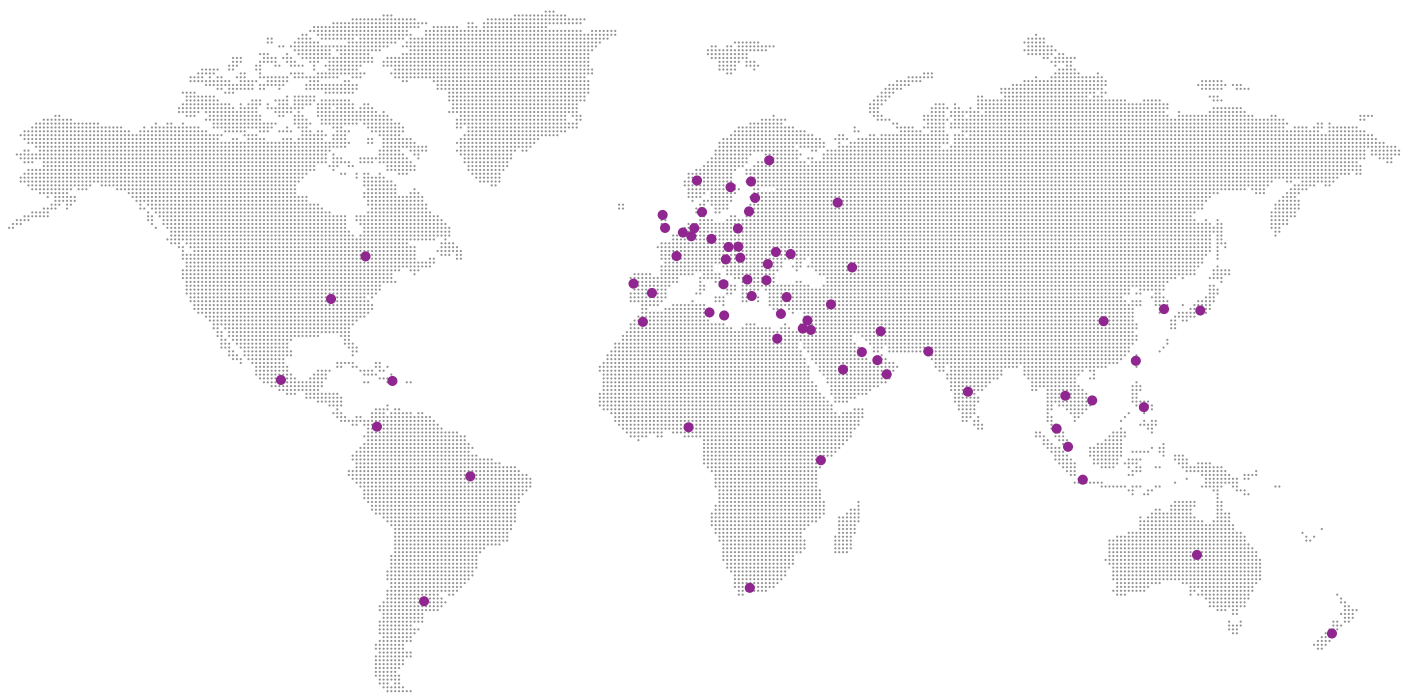
OMEGA AIR



OMEGA

AIR

OMEGA AIR
Air and Gas Treatment



OMEGA AIR d.o.o. Ljubljana

T +386 (0)1 200 68 00

F +386 (0)1 200 68 50

info@omega-air.si

Cesta Dolomitskega odreda 10

SI-1000 Ljubljana, Slovenia

www.omega-air.si

GPS: 46°2'27.13" 14°27'59.46"

**16 bar**

operating pressure

60 to 2760 Nm³/h

volume flow rate

3/8" to 3"

connections

1,5 to 65 °C

operating temperature range

RAL 3020

standard colour

DESCRIPTION

AFs filters are designed for applications in paint industry. Quantity of substances that could cause impairments in paint wetting applications or cause defects in paint work have been reduced to a minimum.

To meet the required compressed air quality appropriate "paint compatible" filter element must be installed into filter housing.

APPLICATIONS

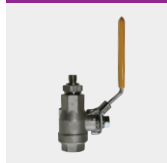
- Painting
- Automotive industry

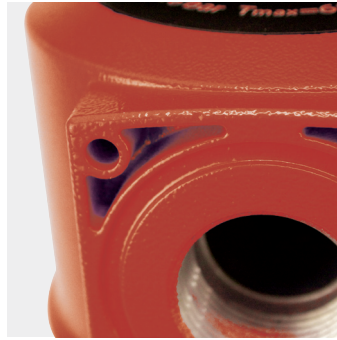
AFs SERIES

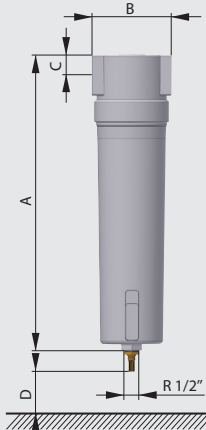
SILICONE FREE FILTERS

**Ms 0,1 µm****Ss 0,01 µm****MCDI**

page113

Drain valve



TECHNICAL DATA									FILTER ELEMENTS	
Filter model	Pipe size	Flow rate at 7 bar(g), 20 °C		Dimensions [mm]				Mass	Ms Microfilter 0,1 µm	Ss Microfilter 0,01 µm
	inch	Nm³/h	scfm	A	B	C	D	kg		
AFs 0056	3/8"	60	35	187	88	20	60	0,7	06050 Ms	06050 Ss
AFs 0076	1/2"	75	46	187	88	20	60	0,7	07050 Ms	07050 Ss
AFs 0106	3/4"	120	70	257	88	20	80	0,8	14050 Ms	14050 Ss
AFs 0186	1"	198	116	263	125	32	100	1,8	12075 Ms	12075 Ss
AFs 0306	1"	335	197	363	125	32	120	2,5	22075 Ms	22075 Ss
AFs 0476	1 1/2"	510	300	461	125	32	140	2,5	32075 Ms	32075 Ss
AFs 0706	1 1/2"	780	459	640	125	32	160	3,2	50075 Ms	50075 Ss
AFs 0946	2"	1000	588	684	163	43	520	5,1	51090 Ms	51090 Ss
AFs 1506	2"	1500	882	935	163	43	770	7,1	76090 Ms	76090 Ss
AFs 1756	2 1/2"	1680	990	935	163	43	770	6,9	76090 Ms	76090 Ss
AFs 2006	3"	2160	1270	795	240	59	630	12,9	51140 Ms	51140 Ss
AFs 2406	3"	2760	1620	1000	240	59	780	14,0	75140 Ms	75140 Ss
						quality class - solids (ISO 8573-1)			2	1
						quality class - oils (ISO 8573-1)			2	1
						residual oil content			<0,1 mg/m³	<0,01 mg/m³
						pressure drop - new element-dry [mbar / psi]			50/0,725	80 / 1,160
						pressure drop - new element-wet [mbar / psi]			120/1,74	190 / 2,756
						change filter element at pressure drop [mbar / psi]			350 mbar	350 mbar
						filter media			borosilicate micro fibres	borosilicate micro fibres
						pleated version			✓	✓
						wrapped version			-	-
						sintered version			-	-
						min. operating temperature (°C / °F)		1,5 / 35	1,5 / 35	
						max. operating temperature (°C / °F)		65 / 149	65 / 149	

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

omega air

Air and Gas Treatment



OMEGA AIR d.o.o. Ljubljana

T +386 (0)1 200 68 00
F +386 (0)1 200 68 50

info@omega-air.si

Cesta Dolomitskega odreda 10
SI-1000 Ljubljana, Slovenia
www.omega-air.si

Distribuidor Autorizado:



megafilter
Filtros e sistemas de Filtragem

Rua Silvio Pinto Ribeiro, 1625
Quississana, São José dos Pinhais - PR
CEP: 83085-400

Fone: +55 41 3081 3050
vendas@megafilter.com.br

