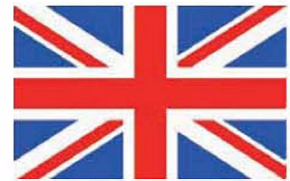


RSG Series Compressed Air Filter



PSI Ψ



Technical Design

All compressed air without purification contains oil, dirt and water and etc, these pollutants are resistance for the modern industry to enhance product quality and improve labor efficiency.

RSG series compressed air filter is a kind of fiber filter; the filter element is made of imported high-quality glass fiber, which can effectively remove the pollutants in the air.

This series of filter is divided into thread connection (aluminum alloy shell) and flange connection (steel shell).

Overall design

RSG series filter elements adopt special anti-leakage technology, assuring filtering effect.

Good non-corrodibility

RSG series filter shells adopt anodic oxidation treatment for its surface.

Good hydrophobicity of filter material

RSG series filter elements adopt genuine boron silicate glass fiber of American HV brand with small mist rapidly, and reduce pressure drop.

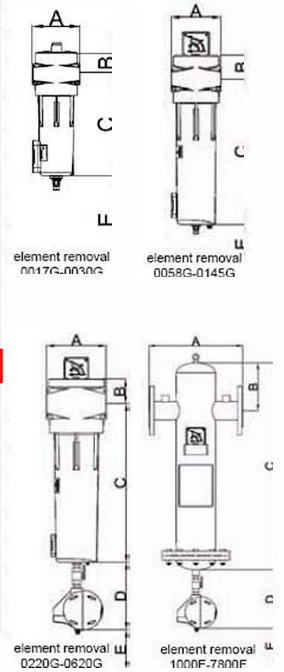
User-friendly design with flange shell

Flange shells adopt user-friendly design, convenient for replacement of filter elements.

RSG Series Compressed Air Filter

Technical Specifications

Model	Capacity		Air Connections	Dimensions (mm)					Weight (kg)
	m ³ /min	CFM		A	B	C	D	E	
RSG-**-0017G/V2	1	35.4	G1/2'	89	42	160	95	/	1.1
RSG-**-0030G/V2	1.8	63.7	G1/2'	89	42	193	130	/	1.5
RSG-**-0058G/V2	3.6	127.4	G3/4'	120	58	252	172	/	2.5
RSG-**-0080G/V2	4.8	169.9	G1'	120	58	352	272	/	3.2
RSG-**-0145G/V2	8.7	308.0	G1-1/2'	120	58	352	272	/	3.2
RSG-**-0220G/V2	13.2	467.3	G2'	162	74	424	320	/	6.6
RSG-**-0330G/V2	20	708.0	G2'	162	74	738	625	/	10.9
RSG-**-0430G/V2	25.8	913.3	G3'	200	90	488	400	/	12.9
RSG-**-0620G/V2	40	1416.0	G3'	200	90	749	625	/	17.5
RSG-**-0830F/V2	50	1770.0	DN100	493	263	1119	340	650	115
RSG-**-1000F/V2	60	2124.0	DN100	493	263	1119	340	650	115
RSG-**-1200F/V2	70	2478.0	DN125	617	290	1179	340	650	145
RSG-**-1300F/V2	80	2832.0	DN125	617	290	1179	340	650	150
RSG-**-1950F/V2	120	4248.0	DN150	617	299	1206	340	650	195
RSG-**-2500F/V2	150	5310.0	DN200	666	343	1354	340	650	240
RSG-**-3250F/V2	200	7080.0	DN200	740	368	1459	340	650	380
RSG-**-4650F/V2	260	9204.0	DN250	800	420	1583	340	650	450
RSG-**-5200F/V2	312	11044.8	DN250	800	420	1583	340	650	455
RSG-**-7800F/V2	468	16567.2	DN300	906	476	1646	340	650	850



RSG-**-0017G~0620G filter : Max pressure:1.6MPag , RSG-**-0830F~7800F filter : Max pressure:1.57MPag

Filter Specification

Oil and water filter : AO,AA and AX

Activated carbon filter : ACS

Dust filter : AR and AAR

Grade	Particle Removal (inc water&oil aerosols)	Oil Carryover at 21°C	Dry Δp	Wet Δp	Element Change Interval	Precede with Filtration Grade
AO	1 μm	0.5 mg/m ³	0.007 Mpa	0.014 Mpa	12 months	WS
AA	0.01 Micron	0.01 mg/m ³	0.01 Mpa	0.02 Mpa	12 months	AO
AR	1 Micron	/	0.007 Mpa	/	12 months	/
AAR	0.01 Micron	/	0.01 Mpa	/	12 months	AR
AX	0.01 Micron	0.001 mg/m ³	0.02 Mpa	0.04 Mpa	12 months	AA
ACS	/	0.003 mg/m ³	0.007 Mpa	/	1000 hours	AA

Correction Factors

Working Pressure(MPag)	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
CFP	0.38	0.53	0.65	0.76	0.85	0.93	1.00	1.07
Working Pressure(MPag)	0.9	1	1.1	1.2	1.3	1.4		
CFP	1.13	1.20	1.25	1.31	1.36	1.41		