

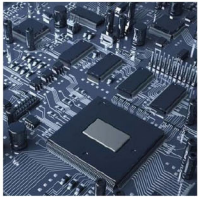
RSG Series Compressed Air Filter



PSI[®]



Technology from UK company - PSI Global



CE Certificate

Technical Features

Guaranteed Performance

RSG series filter elements are manufactured under controlled environmental conditions and subjected to a demanding program of quality assurance.

Energy Efficient

RSG series filters offer the lowest operating cost available by virtue of their low operating pressure drop. In some cases, 50% more energy efficient than typical filters.

Maximum Corrosion Protection

RSG series filter housings are protected with tough epoxy paint finish for extra long life. For die-casting housing, treated extra anodic oxidation for maximum protection.

Easy to Maintainence

Friendly design, convenient for replacement of filter element and regular maintainence.

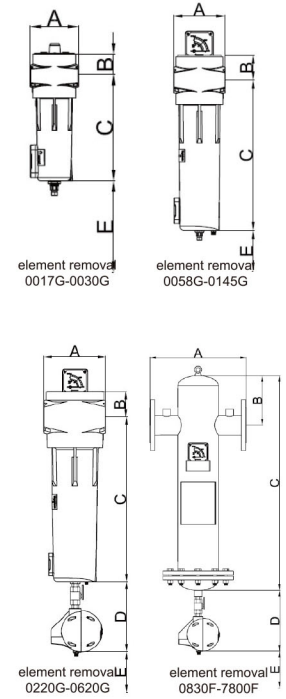
The Benifits

- Protects downstream equipment and process
- Provides high quality, clean, oil free air
- Reduced cost of ownership
- Enhanced health and safety
- Suitable for all types of air compressor
- Filter element performance guaranteed for 12 months
- Manufactured in accordance with ISO9001

RSG Series Compressed Air Filter

Technical Specifications

Model	Capacity		Air Connection	Dimension mm					Weight kg
	m³/min	CFM		A	B	C	D	E	
RSG-**-0017G/V2	1	35	Rc1/2"	89	40	158	/	95	1.1
RSG-**-0030G/V2	1.8	64	Rc1/2"	89	40	192	/	130	1.5
RSG-**-0058G/V2	3.6	127	Rc3/4"	120	55	252	/	172	2.5
RSG-**-0080G/V2	4.8	169	Rc1"	120	55	352	/	272	3.2
RSG-**-0145G/V2	8.7	307	Rc1-1/2"	120	55	352	/	272	3.2
RSG-**-0220G/V2	13.2	466	Rc2"	162	64	468	180	320	6.6
RSG-**-0330G/V2	20	706	Rc2"	162	64	742	180	625	10.9
RSG-**-0430G/V2	25.8	911	Rc3"	200	78	500	180	650	12.9
RSG-**-0620G/V2	40	1412	Rc3"	200	78	757	180	650	17.5
RSG-**-0830F/V2	50	1766	DN100	493	263	1119	220	650	115
RSG-**-1000F/V2	60	2119	DN100	493	263	1119	220	650	115
RSG-**-1200F/V2	70	2472	DN125	617	290	1179	220	650	145
RSG-**-1300F/V2	80	2825	DN125	617	290	1179	220	650	150
RSG-**-1950F/V2	120	4237	DN150	617	299	1206	220	650	195
RSG-**-2500F/V2	150	5297	DN200	666	343	1354	220	650	240
RSG-**-3250F/V2	200	7062	DN200	740	368	1459	220	650	380
RSG-**-4650F/V2	280	9887	DN250	800	420	1583	220	650	450
RSG-**-5200F/V2	312	11017	DN250	800	420	1583	220	650	455
RSG-**-7800F/V2	468	16525	DN300	906	476	1646	220	650	850



Max. working pressure: 1.6Mpag for 0017G to 0620G, 1.57Mpag for 0830F to 7800F

** - filter grade AO,AA,AX,AR,AAR and ACS

Filter Specification

Oil mist removal filter: grade AO,AA and AX

Particle removal filter: grade AR and AAR

Oil vapour removal filter: grade ACS

Grade	Micron Rating μm	Residual Oil Mist mg/m^3	Dry Δp Kpa	Wet Δp Kpa	Element Change Interval	Precede with Filtration Grade
AO	1	0.6	7	14	12 months	WS
AA	0.01	0.01	10	20	12 months	AO
AR	1	/	7	/	12 months	/
AAR	0.01	/	10	/	12 months	AR
AX	0.01	0.001	20	40	12 months	AA
ACS	/	0.003	7	/	1000 hours	AA

Correction Factors

Actual Capacity (m³/min) = Nominal Capacity × KA

Working Pressure (KA)	Mpag	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
	psig	15	29	44	58	73	87	102	116
	CFP	0.38	0.53	0.65	0.76	0.85	0.93	1.00	1.07
	Mpag	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
	psig	131	145	160	174	189	203	218	232
	CFP	1.13	1.20	1.25	1.31	1.36	1.41	1.46	1.51