



## SPG Series Compressed Air & Gas Filters

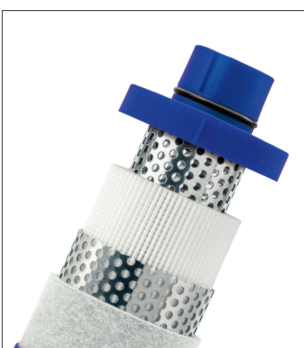
Clean and oil-free compressed air is easily achieved with the new range of performance validated compressed air and gas filters. Sullivan Palatek compressed air and gas filters include:

- Improved filtration for your compressor room or point of use application
- Reliable and efficient oil and particulate removal with extremely low pressured drop (<2 psi) across the range
- Guaranteed safe housing closure with single start, fixed thread engagement stop and lock indication arrows to prevent overtightening ensuring effective sealing
- Externally accessible float drain supplied as standard from model SPG-0070
- 4 filtration grades from 5 to 0.01 micron
- 18 models from 6 to 1500 scfm at 100 psig
- 1 year element and 10 year housing warranty
- Manufactured in ISO 9001 approved facilities and independently tested to ISO 12500
- A comprehensive range of accessories for every application

## Features & Benefits



Externally serviceable automatic float drain with manual override



Deep-pleated media delivers exceptional particulate retention and oil aerosol removal while significantly reducing pressure losses.



Push fit elements perfect sealing within filter housing; color coded end caps for quick and simple grade identification



Dual sided differential pressure gauges and indicators.

# Product Specifications



Model	Inlet & Outlet		Rated Flow <sup>(1)</sup>		Dimensions (inches)				Approx. Weight
	NPT	scfm	Nm <sup>3</sup> /h	A	B	C <sup>(2)</sup>	D	E	lbs
SPG-0006 (grade)	1/8"	6	10	1.97	0.67	6.18	1.1	10.5	0.6
SPG-0015 (grade)	1/4"	15	25	1.97	0.67	6.18	1.1	10.5	0.6
SPG-0025 (grade)	1/4"	25	42	2.76	0.95	9.09	1.1	13.4	1.3
SPG-0032 (grade)	3/8"	32	54	2.76	0.95	9.09	1.1	13.4	1.3
SPG-0050 (grade)	1/2"	50	85	2.76	0.95	9.09	1.1	13.4	1.3
SPG-0070 (grade)	1/2"	70	119	5	1.26	11.22	1.18	15.6	3.7
SPG-0085 (grade)	3/4"	85	145	5	1.26	11.22	1.18	15.6	3.7
SPG-0105 (grade)	1"	105	178	5	1.26	11.22	1.18	15.6	3.7
SPG-0125 (grade)	3/4"	125	212	5	1.26	14.61	1.18	19	4.4
SPG-0175 (grade)	1"	175	298	5	1.26	14.61	1.18	19	4.4
SPG-0280 (grade)	1 1/4"	280	476	5.51	1.58	18.7	1.18	23.1	6.6
SPG-0325 (grade)	1 1/2"	325	553	5.51	1.58	18.7	1.18	23.1	6.6
SPG-0450 (grade)	2"	450	765	6.69	2.09	20	1.18	24.4	10.8
SPG-0700 (grade)	2"	700	1190	6.69	2.09	27.87	1.18	32.2	12.1
SPG-0850 (grade)	2 1/2"	850	1445	8.66	2.76	28.98	1.18	33.4	23.1
SPG-0900 (grade)	3"	900	1530	8.66	2.76	28.98	1.18	33.4	23.1
SPG-1250 (grade)	3"	1250	2125	8.66	2.76	33.74	1.18	38.1	25.4
SPG-1500 (grade)	3"	1500	2550	8.66	2.76	39.57	1.18	43.9	27.6

## Specifications

	0006 to 0015	0025 to 0050	0070 to 1500
Design operating pressure range <sup>(3)</sup>	0 to 232 psig	0 to 232 psig	22 to 232 psig
Automatic float drain <sup>(4)</sup>	Yes	Yes	Yes
Differential pressure indicator	No	Yes	-
Differential pressure gauge	No	-	Yes

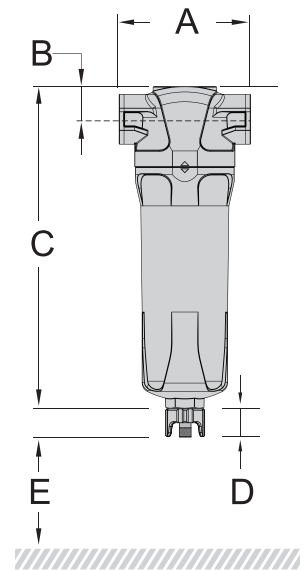
## Element Grades

	P	UC	C	AC
Maximum particle size (ISO Class)	4	3	1	-
Maximum oil content (ISO Class)	4	3	2	1
Particle removal (microns)	5	1	0.01	-
Max oil carry over at 68°F (ppm or mg/m <sup>3</sup> )	5	0.3	0.01	0.003
Design operating temperature range (°F)	35-176	35-176	35-176	35-122

## Pressure Correction Factors

Inlet air pressure (psig)	58	72	87	100	115	145	174	203	232
Correction factor	0.76	0.84	0.92	1.00	1.07	1.19	1.31	1.41	1.51

- (1) At 100 psig. For all other pressures, refer to the pressure correction factor table above.
- (2) Differential pressure indicator adds 1.65" to height. Differential pressure gauge adds 2.8" to height.
- (3) For pressures up to 300 psi, use manual valve.
- (4) Grade P, UC and C filters are supplied with an automatic float drain. When high liquid loads are anticipated we recommend installing a high capacity external condensate drain. Contact sales@palatek.com for available options.
- (5) Technical specifications subject to change without notice. Direct inquiries to sales@palatek.com.



SPG-0006 (grade) to SPG-1500 (grade)

Sullivan-Palatek, Inc.  
1201 West US Highway 20  
Michigan City, IN 46360

219.874.2497

sullivan-palatek.com

info@palatek.com