

# Extreme Duty Filters

## SpinMeister® SM Series 1/2" - 12"

### Overview

Intake air is drawn through the angled louver plates which direct the air to turn the rotor. The centrifugal force separates the contaminants from the airstream, throwing them to the outer perimeter of the cover, expelling them through the discharge port. Cleaner air is drawn to the lower chamber and filtered by a 99% efficient pleated element.

### Benefits

- Extreme duty filtration for high dust environments
- Significantly increases life of filter element
- Cost effective

### Features

- SpinMeister® made of molded fiber filled composite material
- All small compact filters with seamless housings
- Corrosive resistant gray powder coat carbon steel

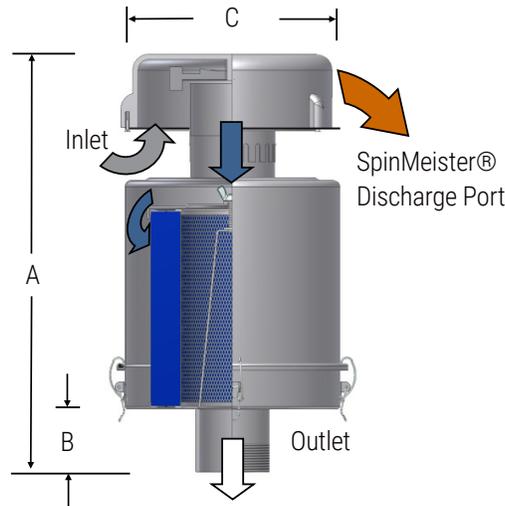
### Technical Specifications

- Temp (continuous): min -15°F (-26°C) max 220°F (104°C)
- Filter change out differential: 15-20" H<sub>2</sub>O over initial  $\Delta$ P
- Polyester: 99%+ removal efficiency to 5 micron
- Paper: 99%+ removal efficiency to 2 micron
- SpinMeister® Precleaner: 85% efficiency to 15 micron

### Options

- Tap holes available
- SpinMeister® available in polished aluminum
- Selected housings available in stainless steel
- Modify to meet specific application





Outlet		Assembly SCFM Rating	Assembly Part Number		Dimensions (inches)			Suggested Service Ht. (inches)	Approx. Weight (lbs)
Size	Type		Polyester	Paper	A	B	C		
1/2"	MPT	30	SM1.5-11-050	SM1.5-10-050	6.96	0.89	4.15	2	1.5
3/4"	MPT	30	SM1.5-11-075	SM1.5-10-075	7.22	1.24	4.15	2	1.5
1/2"	MPT	35	SM2-11-050	SM2-10-050	5.93	0.89	4.78	2	2
3/4"	MPT	35	SM2-11-075	SM2-10-075	6.77	1.24	4.78	2	2
1"	MPT	35	SM2-11-100	SM2-10-100	8.17	1.24	4.78	2	2
1"	MPT	75	SM2-19P-100	SM2-18P-100	11.60	2.00	6.90	5	3.7
1 1/4"	MPT	75	SM2-19P-125	SM2-18P-125	11.98	2.00	6.90	5	3.7
1 1/2"	MPT	85	SM2-19P-150	SM2-18P-150	11.60	2.00	6.90	5	3.7
2"	MPT	100	SM2-19P-200	SM2-18P-200	12.21	2.50	6.90	5	4
2 1/2"	MPT	100	SM2-19P-250	SM2-18P-250	12.80	3.00	6.90	5	4
3"	MPT	250	SM3-235P-300	SM3-234P-300	20.65	3.00	11.00	10	31
3"	MPT	300	SM4-235P-300	SM4-234P-300	20.18	3.00	11.00	10	32
4"	MPT	250	SM3-235P-400	SM3-234P-400	21.42	4.00	11.00	10	32
4"	MPT	400	SM4-235P-400	SM4-234P-400	21.00	4.00	11.00	10	33
4"	FLG	250	SM3-235P-400F	SM3-234P-400F	21.32	4.13	11.00	10	35
4"	FLG	400	SM4-235P-400F	SM4-234P-400F	21.30	4.13	11.00	10	36
6"	FLG	1100	SM62-377P-600F	SM62-376P-600F	39.92	5.13	20.00	15	100
8"	FLG	1800	SM62-377P-800F	SM62-376P-800F	41.61	6.00	20.00	15	103
10"	FLG	2700	SM63-385P-1000F	SM63-384P-1000F	41.18	6.13	28.31	15	138
12"	FLG	2700	SM63-485P-1200F	SM63-484P-1200F	48.06	6.00	28.31	22	163

## Learn More

For more information about Solberg products and finding the right solutions for your equipment needs, visit us at [SolbergMfg.com](http://SolbergMfg.com).

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