



SpinMeister® Inlet Filters

For Pressure Systems, Extreme Duty Filtration

"SM" Series 1/2"-4" MPT & 4"-12" 125/150# Pattern Flange

APPLICATIONS & EQUIPMENT

- Screw Compressors
- Engines
- Blowers
- Fans
- Grain Elevators
- Cement Industry
- Plastics Industry
- Wood Chip, Paper & Pulp Industries
- Pneumatic Conveying Systems
- Foundries

FEATURES & SPECIFICATIONS

- **Extreme Duty Filtration** for high dust environments
- **Significantly Increases** the life of the filter element
- The centrifugal flow forces particulate through the side louver. It achieves 85% efficiency @ 15 micron or larger.
- The air stream then enters the lower chamber and is filtered by a 99+% efficient pleated element
- SpinMeister® Precleaner is made of durable molded fiber filled composite material
- This is a configured product which enables unit to be modified to specific applications
- Polyester: 99%+ removal efficiency standard to 5 micron
- Paper: 99%+ removal efficiency standard to 2 micron
- Filter housing has heavy gauge carbon steel base with low pressure drop bracket and outlet pipe design
- Durable carbon steel housing construction
- All small compact filters are a seamless drawn housing
- Temp (continuous): min -15°F (-26°C) max 220°F (104°C)
- Filter change out differential: 10"-15" H₂O over initial delta P

OPTIONS (Inquiries Encouraged)

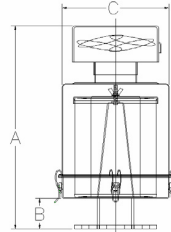
- Multiple Configurations Available
- SpinMeisters₁₋₇ available in Polished Aluminum
- Vacuum Systems configurations
- Selected Housings available in **SS**
- Various Media for Element
- 1/8" taps for pressure drop indicators on selected models
- Multiple connection types

FILTER ASSEMBLIES
F, FT, SpinMeister Series

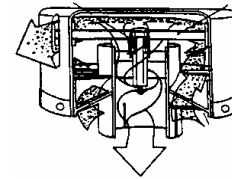
CONFIGURATION

DRAWING

SCHEMATIC



Dimension tolerance $\pm 1/4"$



SpinMeister™
Air Flow

Config. A

Config. B

Config. C

Config. D

	Reference Only		Outlet	Connection Style	Reference Only Dimensions - inches			Rated Flow SCFM	Approx. Wt. lbs
	with Polyester Element	with Paper Element			A	B	C		
A	SM1.5-11-050	SM1.5-10-050	1/2"	MPT	7 3/8	7/8	4 1/8	30	1.5
A	SM1.5-11-075	SM1.5-10-075	3/4"	MPT	7 3/4	1 1/4	4 1/8	30	1.5
A	SM2-11-050	SM2-10-050	1/2"	MPT	7 3/8	7/8	4 1/8	40	2
A	SM2-11-075	SM2-10-075	3/4"	MPT	7 3/4	1 1/4	4 1/8	40	2
A	SM2-11-100	SM2-10-100	1"	MPT	7 3/4	1 1/4	4 1/8	40	2
B	SM2-19P-100	SM2-18P-100	1"	MPT	10 5/8	1 1/2	7	55	3.7
B	SM2-19P-125	SM2-18P-125	1-1/4"	MPT	10 3/4	1 5/8	7	70	3.7
B	SM2-19P-150	SM2-18P-150	1-1/2"	MPT	10 3/4	1 5/8	7	85	3.7
B	SM2-19P-200	SM2-18P-200	2"	MPT	11 3/8	2 1/4	7	100	4
B	SM2-19P-250	SM2-18P-250	2-1/2"	MPT	11 5/8	2 1/2	7	110	4
C	SM3-235P-300	SM3-234P-300	3"	MPT	18 3/4	3	11	250	31
C	SM4-235P-300	SM4-234P-300	3"	MPT	19 5/8	3	11	300	32
C	SM3-235P-400	SM3-234P-400	4"	MPT	19 3/4	4	11	250	32
C	SM4-235P-400	SM4-234P-400	4"	MPT	20 5/8	4	11	400	33
C	SM3-235P-400F	SM3-234P-400F	4"	FLG	19 3/4	4	11	250	35
C	SM4-235P-400F	SM4-234P-400F	4"	FLG	20 5/8	4	11	400	36
D	SM6-275P-400F	SM6-274P-400F	4"	FLG	30 3/4	4	16	500	45
D	SM42-377P-500F	SM42-376P-500F	5"	FLG	28 1/2	4	22 1/2	800	88
D	SM62-377P-600F	SM62-376P-600F	6"	FLG	30 1/2	5	22 1/2	1100	100
D	SM62-377P-800F	SM62-376P-800F	8"	FLG	31 1/2	6	22 1/2	1800	103
D	SM63-385P-1000F	SM63-384P-1000F	10"	FLG	30 1/2	6	28 1/2	2700	138
D	SM63-485P-1200F	SM63-484P-1200F	12"	FLG	37 1/2	6	28 1/2	2700	163

Note: Contact your Solberg representative for specific sizing and availability. Registered Patent on SpinMeister®

