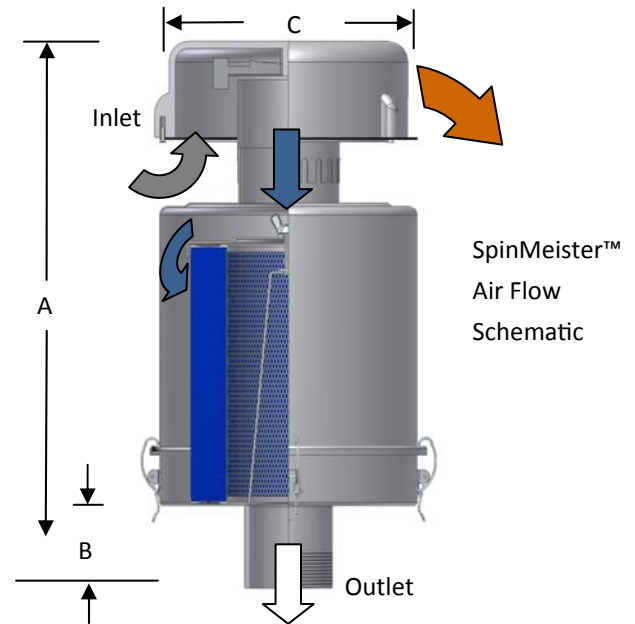


Extreme Duty Filtration SM Series Spinmeister™



Operating Principle

Intake air is drawn through the angled louver plates which direct 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 the lower chamber and is filtered by a 99% efficient pleated element.

Features

- SpinMeister™ made of durable molded fiber filled composite material
- Filter housing with heavy gauge base with low pressure drop bracket and outlet pipe design
- Durable carbon steel housing construction
- All small compact filters with seamless drawn housing

Options

- 1/8" taps for pressure drop indicators
- SpinMeisters™ available in polished aluminum
- Selected housings available in stainless steel
- Modify to meet specific application

Benefits

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

Technical Specifications

- Temp (continuous): min -26°C (-15°F) max 104°C (220°F)
- Filter change out differential: 37-50 mbar over initial ΔP
- Polyester: 99%+ removal efficiency to 5 micron
- Paper: 99%+ removal efficiency to 2 micron
- SpinMeister Precleaner: 85% efficiency to 15 micron



Configuration A

Outlet Size	Outlet Type	Assembly m ³ /h Rating	Assembly Part Number		Dimensions - mm			Approx. Weight kg	Replacement Element Part No.		Element m ³ /h Rating
			Polyester	Paper	A	B	C		Polyester	Paper	
1/2"	BSPT	51	SM1.5-11-050	SM1.5-10-050	187	22	105	0,7	11	10	59
3/4"	BSPT	51	SM1.5-11-075	SM1.5-10-075	197	32	105	0,7	11	10	59
1/2"	BSPT	68	SM2-11-050	SM2-10-050	187	22	105	0,9	11	10	59
3/4"	BSPT	68	SM2-11-075	SM2-10-075	197	32	105	0,9	11	10	59
1"	BSPT	68	SM2-11-100	SM2-10-100	197	32	105	0,9	11	10	59

Configuration B

Outlet Size	Outlet Type	Assembly m ³ /h Rating	Assembly Part Number		Dimensions - mm			Approx. Weight kg	Replacement Element Part No.		Element m ³ /h Rating
			Polyester	Paper	A	B	C		Polyester	Paper	
1-1/2"	BSPT	145	SM2-19P-151	SM2-18P-151	273	41	178	1,7	19P	18P	170
2"	BSPT	170	SM2-19P-201	SM2-18P-201	289	57	178	1,8	19P	18P	170
2-1/2"	BSPT	187	SM2-19P-251	SM2-18P-251	295	64	178	1,8	19P	18P	170

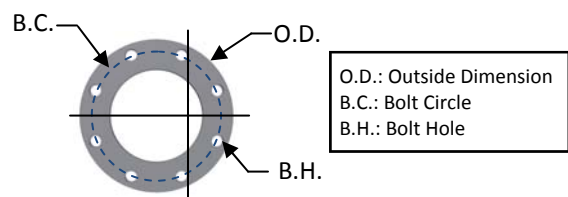
Configuration C

Outlet Size	Outlet Type	Assembly m ³ /h Rating	Assembly Part Number		Dimensions - mm			Approx. Weight kg	Replacement Element Part No.		Element m ³ /h Rating
			Polyester	Paper	A	B	C		Polyester	Paper	
4"	BSPT	425	SM3-235P-401	SM3-234P-401	502	102	279	14	235P	234P	968
4"	BSPT	680	SM4-235P-401	SM4-234P-401	524	102	279	15	235P	234P	968
4"	FLG	425	SM3-235P-DN100	SM3-234P-DN100	502	102	279	16	235P	234P	968
4"	FLG	680	SM4-235P-DN100	SM4-234P-DN100	524	102	279	16	235P	234P	968

Configuration D

Outlet Size	Outlet Type	Assembly m ³ /h Rating	Assembly Part Number		Dimensions - mm			Approx. Weight kg	Replacement Element Part No.		Element m ³ /h Rating
			Polyester	Paper	A	B	C		Polyester	Paper	
6"	FLG	1360	SM62-377P-DN125	SM62-376P-DN125	775	127	572	40	377P	376P	3100
8"	FLG	3060	SM62-377P-DN200	SM62-376P-DN200	800	152	572	46	377P	376P	3100
10"	FLG	4590	SM63-385P-DN250	SM63-384P-DN250	775	152	724	62	385P	384P	5598
12"	FLG	4590	SM63-485P-DN300	SM63-484P-DN300	953	152	724	73	485P	484P	7993

PN10 Pattern Flange	Dimensions - mm			No. of Holes	Thickness Flg mm
	O.D.	B.C.	B.H.		
DN100	220	180	18	8	20
DN125	250	210	18	8	22
DN150	285	240	22	8	22
DN200	340	295	22	8	24
DN250	395	350	22	12	26
DN300	445	400	22	12	26



Note: Model offerings and design parameters may change without notice. See www.solbergmfg.com for most current offering.