

# Extreme Duty Filtration

## SPINMEISTER™ Aluminum Precleaners

with Solberg Inlet Filters “SM” Series

**SOLBERG**

### APPLICATIONS & EQUIPMENT – Extreme Duty Environments

- Screw Compressors
- Engines
- Vacuum Systems
- SpinMeister precleaners are designed to remove most of the contaminants from the air that feeds the machine. The advantage of removing these contaminants are extended filter life, improved energy consumption and extended machinery life.

### FEATURES & SPECIFICATIONS

- Intake air powers the SpinMeister™ Precleaner. Incoming air is drawn through the angled louver plates which direct the intake air to turn the rotor which is mounted on dual precision ground heavy duty bearings. The centrifugal force separates the contaminants from the air, throwing them to the outer perimeter of the cover and expelling them out through the discharge port. The clean dry air is drawn into the plenum chamber and then into you machine.
- Polished Aluminum housing with stainless steel rotors
- 85+% efficient at 15 microns
- Offers **EXTREME DUTY** filtration when combined with Solberg's Inlet Filter:
  - SpinMeister™ removes larger particles
  - Solberg Inlet Filter removes 5 micron particles and smaller
- Significantly Increases the life of the air filter
- Temp (continuous): min -60°F (-51°C ) max 250°F (121°C)

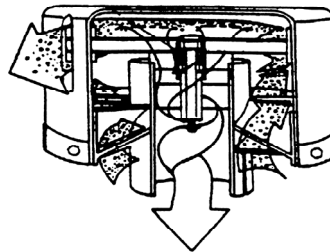
### OPTIONS (Inquiries Encouraged)

- Available in molded plastic precleaners
- Molded Precleaners with stainless steel rotors
- Multiple SpinMeister™ Configurations
  - For Pressure and Vacuum Applications

### CONFIGURATION



### DRAWING



SpinMeister™  
Air Flow

MODEL NO.	Slip Fit Outlet	DIMENSIONS - inches			RATED FLOW SCFM
		Total HT	Slip Fit I.D.	Cover O.D.	
SMA-2	2"	3	2	4 3/4	20-110
SMA-2.5	2-1/2"	4 1/4	2.5	6	100-200
SMA-3	3"	4 3/4	3	8 1/4	140-300
SMA-4	4"	4 3/4	3	8 1/4	140-350
SMA-4.5	4-1/2"	7 1/8	4 1/2	10 5/8	300-600
SMA-5	5"	7 1/8	5	10 5/8	300-600
SMA-6	6"	7 1/6	6	10 5/8	300-600
SMA-7	7"	7 1/4	7	14 1/8	500-1400
SMA-8	8"	7 1/4	8	14 1/8	500-1400
SMA-9	9"	8 1/8	9	17 1/8	900-2000

Note: Model offerings and design parameters may change without notice.  
Registered Patent on SpinMeister™

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