

The **NEW** Windsifter SS Air Classifier offers efficient air classification of coarse and fine particles for specialized applications. Its stainless-steel construction provides a hygienic and easy to clean surface. The non-sparking surface lowers explosion risk. The Windsifter SS can be manufactured with a cyclone or hygienic filter and is skid mounted for easy installation.



PRINCIPLE OF OPERATION

Vertically oriented blades and the separator rotor create a vortex, spinning the air and throwing coarse particles out to the sides where they fall for bagging. Fine particles are carried through the separator rotor and up to the cyclone or bag filter. Particle size can be instantly controlled by adjusting the speed of the rotor.

PERFORMANCE FEATURES

- CAPACITIES UP TO 10 TPH
- PARTICLE SIZES WITHIN A RANGE OF 5 TO 250 MICRONS
- INSTANT SIZE CONTROL THROUGH ADJUSTMENT OF SEPARATOR ROTOR SPEED
- EASY ACCESS HATCHES IN KEY PLACES
- INERT PURGE FOR FIRE & EXPLOSION PREVENTION
- SPECIAL APPLICATION ROTOR DESIGNS AVAILABLE

WINDSIFTER SS AIR CLASSIFIER

EFFICIENT PARTICLE SEPARATION FOR SPECIALIZED APPLICATIONS

- ✓ STAINLESS STEEL CONSTRUCTION
- ✓ HYGIENIC SURFACE
- ✓ NON-SPARKING

SPECIALIZED DYNAMIC CLASSIFICATION

MATERIAL
Metal Powders
Food Ingredients
Dyes & Pigments
Carbon Powders
Mineral Powders
Battery Materials
Specialty Powders

APPLICATIONS
Hygienic classification
Low Contamination Processing
Non-Sparking Applications
High Corrosion Applications

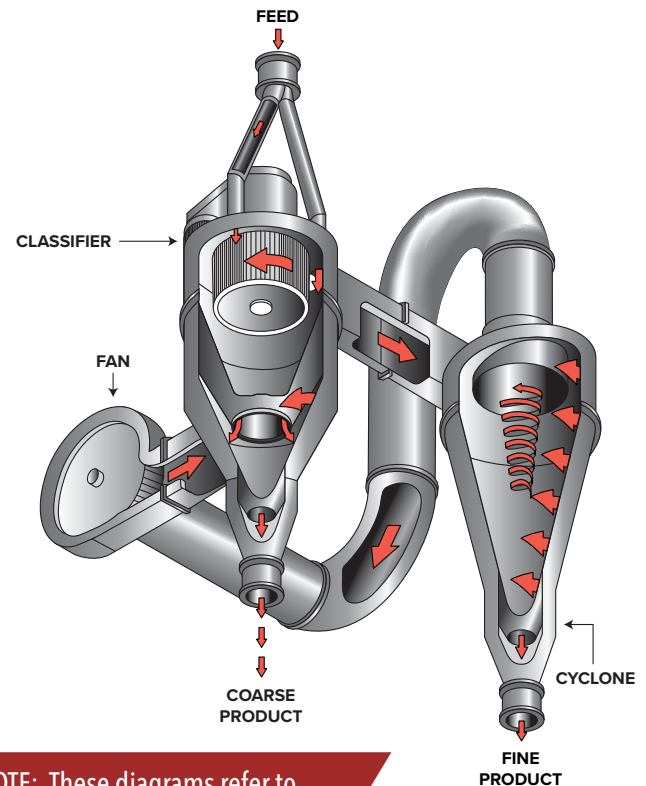
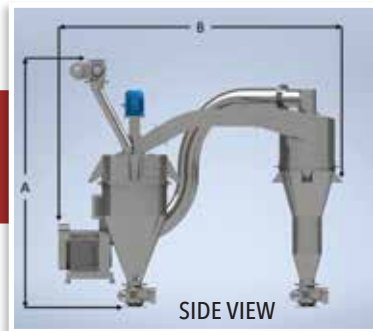
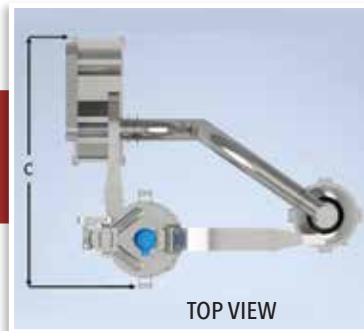
STAINLESS-STEEL CONSTRUCTION

- VARIOUS STAINLESS-STEEL FINISHES AVAILABLE
 - Standard food specification: 0.8-RA internal & 1.2-RA external polished stainless steel
- FOOD GRADE SEALS & GREASE
- NON-SPARKING FOR LOWER EXPLOSION/COMBUSTION RISK

SPECIFICATIONS (U.S.)

TYPICAL WINDSIFTER DETAILS

UNIT SIZE	Dimensions in Feet			Power in HP	
	A	B	C	ROTOR	FAN
MS LAB	7	5	5	1	2
MS1	10	10	7	4	7
MS5	10	13	10	10	20
MS10	13	16	13	15	30



NOTE: These diagrams refer to the A/B/C dimensions in the specification chart above.

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