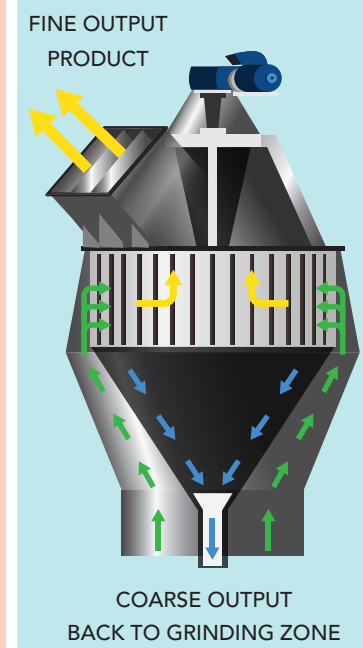
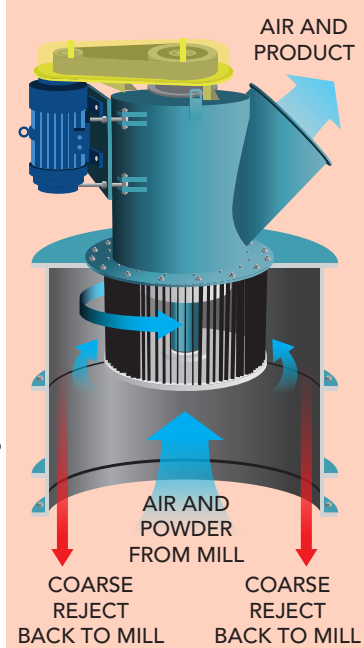
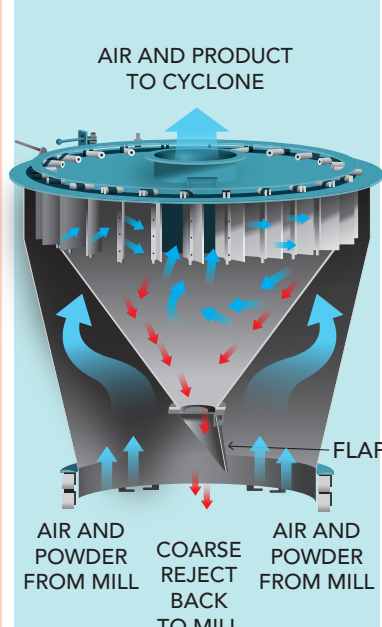
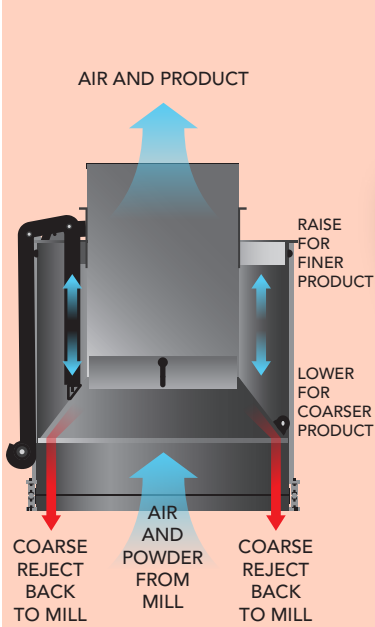


INVERTED CONE

DOUBLE CONE

VBC

BLVT



TYPE

Static

Static

Dynamic

Dynamic

GRIND CLASSIFICATION

Coarse

Semi-Fine/Fine

Fine

Fine

PARTICLE SIZE

Particle sizes of 300 micron up to 1 mm with a 95% or better passing rate

Particle size of 50 to 300 micron

Particle size of 20 micron to 250 microns**
 ** when installed on an airswept mill

Particle size down to 45 microns

SIZE DETERMINATION

Adjustable height of the Inverted Cone inside the Separator determines the amount of residence (spiral) time.

Physically change the angle of the vanes

Alter separator rotor speed to adjust the size of fine particles

Specialty pocket guide vanes first reject oversized particles, then a separator rotor further rejects overly coarse particles. Size control by changing rotor speed.

INVERTED CONE

DOUBLE CONE

VBC

BLVT

ADVANTAGES

Minimal pressure drop design delivers high production rates

Simple high wear resistant design

Works with sticky or abrasive materials

Durable design withstands harsh processing environments

Clean cuts with no air purge or complex labyrinths

No internal vanes or dampers

Blade change on-site with no rebalancing

Divorced design allows for production of multiple products from one system

2-Phase classification

Production of multiple products from grinding system

Reduced Wear on Mill Body and Components

Increased Production Capability or a Finer Grind Capability

System Power Consumption Reduction

TYPICAL APPLICATIONS

Phosphoric acid processing

Desulphurisation of Limestone power plants

Ceramics

Catalytic converters

Explosion prone materials, such as sulfur

Oil / Fertiliser / Mining / Cement Industry

Power Generation

Paint manufacture

Marble quarrying and processing

Glass and ceramics

Oil / Fertiliser / Mining / Cement Industry

Limestone Industry

Power Generation / Biomass

Flyash separation & classification

COMPATIBLE WITH OTHER MILLS:

YES

- any air-swept system
- pendulum mills
- ball mills
- table and roller mills
- air classifier systems

YES

- any air-swept system
- pendulum mills
- ball mills
- table and roller mills
- air classifier systems

YES

- any air-swept system
- pendulum mills
- ball mills
- table and roller mills
- air classifier systems

YES

- installed or retrofitted on:
- any airswept mill
 - pendulum roller mills
 - vertical roller mills
 - ball mills

FOR OVER
130
YEARS

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