Koger Air A-B Cyclones Standard Construction

- Welded, bolted and flanged 12-gauge or heavier mild steel in inlet diameters 12" to 48"
- Design and construction minimize abrasion as system particulate is collected and separated
- Used as a pre-cleaner, the A-B cyclone separator reduces the load for the final filter
- Maximum efficiency is obtained when paired with final filter or in closed loop systems as atmospheric emissions are eliminated
- Bolted construction enables inlet position to be interchanged from clockwise to counterclockwise rotation
- Hot rolled plate construction is cleaned, primed and painted with selection of standard paint colors
- Flat top reinforced by gussets with lifting eyes

Options
- Length and degree of cone
- Pressure relief vents
- Steel supports, service platforms and ladders
- Air outlet cap
- Size and materials including Galvanized, Abrasion Resistant Steel, Stainless, Hot Rolled Plate
- Inlet transitions
- Multiple inlets with automatic backdraft dampers
- Round or rectangular inlets
- Cone hopper to match airlock or other equipment
- Cone access doors
- Bolt-in wear plates

Shipment
- Body diameters 104" and smaller are shipped in one piece
- Body diameters above 104" are shipped knocked down with flanged bodies and cones
- Average shipment 2 to 4 weeks from order, subject to work schedules and material availability
Standard A-B Cyclone

Top View - Clockwise Rotation Shown
Counterclockwise Rotation also Available
Specify Rotation when Ordering

Certified drawings are available upon receipt of purchase order

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Applications
- Wood
- Brick
- Grain and Feed
- Agricultural
- Leather
- Rubber
- Textiles
- Pharmaceuticals
- Polymer and Plastics
- Sugar
- Foam
- Chemicals
- Minerals
- Asphalt
- Pulp and Paper
- Fly Ash
- Metal Grindings

- All dimensions in inches
- Weight is calculated based on size, type and thickness of material
- CFM (cubic feet per minute) @ 2” water gauge static pressure

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