

Cyclone

Unlike many dust collectors, the Cyclone contains no moving or replaceable parts and is essentially maintenance free. The air is drawn into the Cyclone tangentially and rotates at high velocity around the inner circumference. The heavier dust is separated from the air by centrifugal action and is deposited in the barrel or hopper.

AAF offers 11 basic selections to handle airflows from 800 CFM (1,360 m³/h) to 12,000 CFM (20,400 m³/h). These are sized to deal with the majority of small to medium industrial dust collection applications. The Cyclone can be used in almost any application that generates dust particles greater than 20 microns in diameter. This includes sanding, coarse grinding, finishing, material handling, conveying, material processing, cutting and crushing.

Use the Cyclone as your primary collector with or without the optional after-filter, for dusts of moderate to coarse particle size. The Cyclone will remove up to 99% (by weight) of dust generated by steel grinding and saw dust.

Benefits

- Low cost solution to dust collection
- Can be used as a pre-cleaner to supplement other AAF collectors
- Suitable for indoor and outdoor installation needs
- Small footprint for limited space installation

Features

- Welded, heavy construction
- Internal helix
- Fan and motor assembly
- Rotatable blower housing
- Square to round inlet
- Flanged outlet
- Support stand for drum style
- Barrel top adapter with flexible connection

Applications

- Woodworking
- Metalworking
- Foundries
- Plastics
- Rubber
- Chemicals
- Grains
- Food
- Coal
- Ceramics
- Rock products
- Paper



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