

ATC SERIES CYCLONE DUST COLLECTOR



Made in the USA



The ATC Cyclone Separators designed for continuous operation are among the most efficient and cost-effective dust collectors available. Having a small footprint saves valuable floor space.

- All models can be housed indoors or outdoors.
- Capacities from 800 cfm to 12,000 cfm.
- It's a self-contained Up Flow system with Vertically positioned filters which eliminates particulate re-entrainment and improves filter life.
- Efficiently removes moderate to large sized particles from the airstream through tapered cone design.
- Optional Fans are self-cleaning, material handling, radial blades designed to deliver peak airflow at a lower horsepower to conserve energy.
- The centrifugal action of the Cyclone, created by rapid rotation of the high velocity air stream, forcibly precipitates the dust out through the bottom of the Cyclone and into a collection drum or hopper for the specific application.
- Standard dust storage capacities vary from 7.5 cu. feet to 60 cu. feet, with special hopper configurations available.
- Has no internal moving parts resulting in reduced maintenance.

Excellent Choice for

- Woodworking
- Buffing and polishing
- Powders (material handling)
- Rubber grinding
- Abrasive cutting
- Metal grinding
- Pre-cleaning (cartridge/baghouses)

Specifications

- Models ATC-160 thru ATC-4400
- Carbon Steel Welded Construction 11 ga./14 ga.
- Powder Coat Paint Finish Amtech Blue
- Base Unit Includes Barrel, Cone, Leg Set, Inlet Transition & DLK
- 20 or 55 Gallon Dust Drum & Drum Lid Kits
- Backward Inclined Blower, Backward Inclined or Radial Blades, Balanced & Tested, 800 cfm – 12,000 cfm
- Motors 2HP thru 50HP DD 208/230/460v/3ph/60hz
- Combo Starter NEMA 12 or Magnetic Motor Starter NEMA 1

Options

- Dual 20 or 55 Gallon Dust Drum & Drum Lid Kits
- Throw Out Bins 20, 40, 60, 110 Cu. Ft.
- Scrolled Outlet to Reduce Unit Height and System Static
- Afterfilter Assemblies for Indoor and Outdoor Units with Manual Cleaning
- Afterfilter Media Polyester Felt Media Sizes from 72 to 648 Sq. Ft.
- Afterfilter Plenums Lined for Sound Attenuation
- ATC Round Silencers 72" Long with Inlet Transitions
- ATC Explosion Vents with Brixon Latch (200 Kst)
- Sprinkler Head(s) with Coupling (212°F) 1/2" NPT
- Structural Rating 100 MPH Wind Load & Seismic Zone 4
- Alternative RAL Paint Finish
- Slide Gates
- Hopper Access Doors
- Variable Frequency Drive
- Non Spark Fan Complete With Inlet Cone And Aluminum Fan Wheel