



AMTECH ATC CYCLONE DUST COLLECTORS

Revolutionize your workspace hygiene with Clean Air Industries' Amtech ATC Cyclone Dust Collector Series — your go-to for relentless, affordable dust control. Compact yet extremely durable, these collectors operate non-stop to maintain an impeccable, health-conscious environment. Versatile and space-efficient, they're perfect for any location, ranging from 800 to 12,500 CFM of air flow.

Experience the ingenuity of the internal Helix, coupled with a tapered cone design for superior particle capture. Choose between our standard energy-efficient backwheel inclined wheel fans, or optional self-cleaning, radial-blade fans that optimize airflow and suction requirements. The Cyclone's swift airstream precisely extracts dust, directing it into custom-fit drums or hoppers.

Offering storage from 7.5 to 60 ft³ and multiple hopper configurations, we meet diverse demands. Plus, zero internal moving parts mean minimal maintenance, preserving your resources. Invest in Amtech ATC — where efficiency meets economy in dust management.



Product Benefits

- Effectively eliminates moderate to large sized airborne particles owing to its tapered cone design
- No internal moving parts, resulting in reduced maintenance
- Fully compliant with OSHA regulations for the safe handling of wood dust
- Can be housed either indoors or outdoors
- American made with quick service and support when required
- Rugged construction designed for continuous airflow
- Small footprint saves valuable floor space within your facility
- Easy disposal of collected dust and debris
- Clean Air Industries offers turnkey installation solutions

Additional Features

- Models ATC-162 thru ATC-4450
- Carbon Steel Welded Construction 11 ga./14 ga.
- Base Unit Includes Barrel, Cone, Leg Set, Inlet Transition & DLK
- 55 Gallon Dust Drum & Drum Lid Kits
- Backward Inclined Blower, Backward Inclined or Radial Blades, Balanced & Tested, 800 CFM – 12500 CFM
- Motors: 2 HP through 50 HP – 230/460v/3PH/60Hz
- Combo Starter NEMA 12 or Magnetic Motor Starter NEMA 4





Product Options

- Scrolled Outlet to Reduce Unit Height and System Static
- Afterfilter Assemblies for Units with Manual Cleaning
- Afterfilter Plenums Lined for Sound Attenuation
- ATC Silencers with Inlet Transitions
- ATC Explosion Vents with Rupture Panels
- Sprinkler Head(s) with Coupling (165°F) 1/2" NPT
- Structural Rating 100 MPH Wind Load & Seismic Zone 4
- Slide Gates
- Hopper Access Doors
- Variable Frequency Drive
- Non-Spark Fan with Inlet Cone and Aluminum Fan Wheel

Key Applications

- Rubber Grinding
- Woodworking
- Buffing & Polishing
- Powders (Material Handling)
- Abrasive Cutting
- Pre-cleaning (Cartridge/Baghouse Collectors)

Regulatory Compliance

Health and safety issues are being taken very seriously by a growing number of companies as OSHA, International, and industry standards increase. Many large US manufacturers are proactively adopting European exposure limits as a global standard for their entire company and are exceeding OSHA Standards.

To meet these standards companies must implement a highly efficient dust and fume filtration system to filter out the harmful particulate. The exposure limits these companies are targeting range from .02 – 1mg/m³ depending on company policy, well below the 5 mg/m³ standard set by OSHA.

Warranty Information

All Clean Air Industries units are backed by a standard 10-year manufacturer's warranty*.

We guarantee that the major structural components of the goods will be free from defects in material and workmanship for ten (10) years from the date of shipment.

* This warranty does not cover consumable parts, fuses, filters, or other non-structural components. For warranty details, visit our website: <https://clean-air.com/warranty>

USER & MAINTENANCE MANUAL

To learn how to properly operate and maintain this unit, scan the QR code to instantly access your user and maintenance manual.

Contact us for replacement filters and parts or service.



MODEL	CFM	MOTOR	VOLTAGE	AMPS	DIMENSIONS	WEIGHT
Amtech ATC-162	800, 1100	2 HP	230, 460v / 3PH/ 60Hz	5.3, 2.7	40.25" W x 97.25" H x 37" D	550 lbs.
Amtech ATC-203	1250, 2000	3 HP	230, 460v / 3PH/ 60Hz	7.9, 4	40.25" W x 110.25" H x 37" D	700 lbs.
Amtech ATC-205	1500, 2250	5 HP	230, 460v / 3PH/ 60Hz	12.4, 6.2	40.25" W x 110.25" H x 37" D	800 lbs.
Amtech ATC-247	2000, 3000	7.5 HP	230, 460v / 3PH/ 60Hz	17, 8.5	50.5" W x 122.25" H x 37" D	1100 lbs.
Amtech ATC-2410	2500, 4000	10 HP	230, 460v / 3PH/ 60Hz	22.8, 11.4	50.5" W x 122.25" H x 37" D	1100 lbs.
Amtech ATC-3010	3000, 4000	10 HP	230, 460v / 3PH/ 60Hz	22.8, 11.4	57.63" W x 140.25" H x 37" D	1200 lbs.
Amtech ATC-3015	4000, 5000	15 HP	230, 460v / 3PH/ 60Hz	35.2, 17.6	57.63" W x 140.25" H x 37" D	1700 lbs.
Amtech ATC-3620	4500, 6500	20 HP	230, 460v / 3PH/ 60Hz	45.8, 22.9	71.63" W x 158.25" H x 53" D	2700 lbs.
Amtech ATC-3625	4500, 7500	25 HP	230, 460v / 3PH/ 60Hz	58.9, 29.5	71.63" W x 158.25" H x 53" D	2800 lbs.
Amtech ATC-4030	5000, 8000	30 HP	230, 460v / 3PH/ 60Hz	70.4, 35.2	74.5" W x 165" H x 53" D	2900 lbs.
Amtech ATC-4040	6000, 9000	40 HP	230, 460v / 3PH/ 60Hz	87.6, 43.8	74.5" W x 165" H x 53" D	3000 lbs.
Amtech ATC-4440	8000, 11000	40 HP	230, 460v / 3PH/ 60Hz	87.6, 43.8	82.5" W x 182.25" H x 53" D	3200 lbs.
Amtech ATC-4450	8000, 12500	50 HP	230, 460v / 3PH/ 60Hz	109.4, 54.7	82.5" W x 182.25" H x 53" D	3300 lbs.

* Please note that the dimensions provided are based on our base models and may vary depending on selected features. To ensure accurate shipping quotes, kindly contact us for personalized information that considers your chosen product features and customizations. Feel free to reach out with any questions or to request a personalized shipping quote. We are committed to your satisfaction and look forward to helping you!

Dealer Contact:



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