VERTICAL CARTRIDGE COLLECTORS

CAM-AIRO™
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The CAMCORP CAM-AIRO is uniquely engineered to solve nearly all dry dust and fume collection challenges. The vertical cartridge design of the CAM-AIRO cartridge collector optimizes virtually 100% of the filter media area, unlike horizontal designs that can sacrifice nearly 30% of the filter media area over time.

The CAM-AIRO is fabricated in welded sub-assemblies, flanged and externally reinforced. This is a significant departure from competing modular designs that are internally reinforced resulting in excessive and problematic horizontal ledges that can obstruct airflow, retain dust and cause bridging.

FEATURES AND BENEFITS

- Heavy-duty construction rated at +/- 25” W.C.
- Vertical cartridge configuration sheds dusts and enhances filter life.
- Efficient compressed air self-cleaning system features unique, diverging multi-orifice nozzles, ensuring uniform cleaning of filters from top to bottom.
- High entry cross/downward air flow inlet promotes even air distribution.
- Multiple inlet/outlet locations are available minimizing ductwork requirements.
- Hinged, lockable side access doors.
- Tool-free cartridge installation/removal is quick and easy.
- On-demand timer/controller (in a NEMA 4 enclosure) saves compressed air.
- Flanged and match-marked welded sub-assemblies reduce set-up time and minimize installation costs.
QUICK INSTALLATION

Doors are equipped with stainless steel hardware and may be padlocked for safety and security.

Cartridge gasket sealing is confirmed by line sight viewing through the large side-access doors.

The cartridges easily slide into stainless steel tracks and are secured by an over-center lever locking mechanism.

APPLICATIONS

- Blasting and sanding
- Chemical processing
- Food processing
- Fiberglass and FRP
- General ventilation
- Laser and plasma cutting
- Mining and ore processing
- Paper and scrap collection
- Pharmaceutical
- Rubber grinding/recycling
- Seed and nut processing
- Steel deburring and grinding
- Thermal spray
- Welding
- Woodworking
- Many more...
PROJECT PORTFOLIO

Options and Accessories

- Wide selection of filtration medias
- Nylon pre-filter overbags
- Explosion venting
- Sprinkler kits
- Abrasion resistant inlets
- Trough or custom hoppers
- Hopper access doors
- Structural supports
- Platforms and ladders
- Screw conveyors
- Rotary valves
- Slide gates/drum cover kits
- Dust bin with drawers

- Fans, dampers and silencers
- Alternative timer/controllers
- NEMA 7 / 9 electricals
- Thermocouples
- Flow monitors
- Pressure transducers
- Emissions monitors
- Dust level probes
- Higher pressure/vacuum ratings
- Stainless steel construction
- Photohelic or Magnehelic gauges
- Motor starters/electrical control panels
- Solenoid heaters/thermostats

DID YOU KNOW?

To prevent dust build-up, CAM-AIRO™ cartridges are positioned vertically. Cartridges positioned horizontally can blind off up to 30% of the filter area.

Model CA72 on weld fume and metal cutting and grinding dust
Automotive industry
SEED AND FEED

MODEL CA 20 AND CA30 ON SEED DUST
SEED INDUSTRY

MODEL CA24 ON FEED DUST
FEED INDUSTRY

MODEL CA36 AND CA20 ON SEED DUST
SEED INDUSTRY
CHEMICAL

MODEL CA30 ON LEAD OXIDE DUST
BATTERY INDUSTRY

(2) MODEL CA48-40 ON DRY POWDER
INSULATION INDUSTRY

PLASTICS AND GENERAL INDUSTRY

MODEL CA24 ON VINYL DUST
PLASTICS INDUSTRY

MODEL CA48 ON WELD FUME
VOCATIONAL SCHOOL
The CAM-AIRO™ can be supplied with explosion venting or chemical explosion suppression and isolation systems in accordance with the latest NFPA combustible dust standards.

The model CA84 (pictured upper left) is equipped with a chemical explosion suppression and isolation system.

The model CA32 (pictured upper right) is equipped with explosion venting out the back through the facility exterior wall.

The model CA48 (pictured lower left) is equipped with a vertical vent plenum and weatherhood for explosion venting through the facility roof.