

## From Light-Dust to Heavy Particulate, Monoxivent Collectors Provide a *SAFE & CLEAN* Environment!

Monoxivent's Dust Collector range covers a wide variety of applications. Common applications include dust types, from fine to large particulate transfer including light applications.

Sizes are available up to 15,000 CFM. Primary offerings in Cartridge type and Cyclone type Collectors, ideal solutions within the industrial market today!

- *Provide a Safe and Clean Working Environment*
- *Easy Install, Quiet and Efficient Operation*
- *Comply or Exceed OSHA, EPA, State Regulations*
- *For Indoor or Outdoor Use*
- *Improve Worker Safety and Health*
- *Improve Overall Plant Cleanliness*



*Cyclone and After Filter, with Silencer, Rotary Valve, Dumpster Stand*



*12-Cartridge Collector, 20-HP, 7000 CFM*

## CARTRIDGE COLLECTORS



Cartridge-Type Collectors

Cartridge Collectors offer 99% filtration down to 0.5 microns. Due to its design, cartridge type filters supply a large amount of filtering media while maintaining a reasonably small "footprint" by comparison. Therefore, Cartridge Collectors are applicable throughout most shop and plant facilities where a wide variety of smoke and fine dry dust is generated.

Our design provides a heavy 10-to-14-gauge welded steel construction with a powder coated enamel finish along with air-tight/dust-tight dirty and clean air chambers. Our self-cleaning technology provides pulse controls including solid-state sequence timer boards, fully assembled pulse hardware, and more.

Cartridge Collectors are offered in a variety of configurations including standard Cabinet-type, Hopper-type, Deck-Mount type, and Portable-type as some examples. In addition, an arrangement of accessories, to compliment most requirements for a complete Cartridge Collector System, are available from Monoxivent.



9-Cartridge, with Hopper

## CYCLONE COLLECTORS

Our Cyclone Collectors offer powerful, reliable, and efficient performance while maintaining a noise level within permissible limits. Cyclone Collectors offer great versatility in dust applications where coarse dusts need collection, or a mixture of coarse and fine dust, where the risk of fire exists in dust collection, and even collecting unusually shaped and abrasive particulates as well. Through the phenomena of a "created tornado" within a vessel, the Cyclone captures virtually 95% of the dust load "mechanically" without filters, into the primary catch beneath the long-taper high-efficiency cone. The remaining 5% (of only fine dusts) is discharged typically into an After Filter provided with final filtration up to 99.9% guaranteed.



There are many models and sizes to choose from with multiple offerings of Dust Catches and After Filter ranges. Indoor or outdoor configurations are available along with optional features such as abrasive linings, giant hoppers, spark traps, sprinkler connections, explosion modifications, rotary valves and more!

With proven technology and a comprehensive range of equipment, Monoxivent also offers:

Custom Designed Collectors

Pre-Engineered Piping Pkgs.

Special Hoods, Enclosures

Factory Engineering Services

Special Finishes, Metals

Portable Collection Devices (below)

Downdraft Tables

Single-Source Responsibility

Start-up Testing, Balancing



Portable Collector

**CONTACT MONOXIVENT'S TEAM OF DESIGN EXPERTS FOR YOUR CUSTOM APPLICATION!**

Represented by:



**MADE IN THE USA!**

**MONOXIVENT**

Monoxivent offers a complete line of source capture equipment to facilitate a full-range of applications in reference to vehicle and welding/fume exhaust elimination. Monoxivent also offers an extensive range of custom fabrication capabilities. Monoxivent is served by a highly-trained nation-wide network of representatives.

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