

Cyclone Collectors



OVERVIEW:

Cyclones are available in both pull through and blow through configurations. Monoxivent's After Filters are of the tube-type design. A fan may be added to the After Filter to make it a stand-alone collector. A multitude of accessories and configurations are available. Contact a representative to custom design a system for your application.

FEATURES:

- Pull through and blow through configurations
- Tube type after filter options available
- Variety of different dust storage options available

BENEFITS:

- Removes harmful dust/particulate from work environments
- In some applications, cleaned air can be returned to work setting

APPLICATIONS:

- Cabinet Shops, Metal Grinding, Trade Schools, Furniture Making

Downdraft Tables

OVERVIEW:

Monoxivent offers two standard downdraft tables, as well as custom designs to meet a variety of applications. The MNX-DDT's are self-contained dust collectors designed as a workstation for capturing contaminant used in grinding and finishing operations. The MNX-DDT-2000 has a 3-HP motor and has a performance up to 2,000 cfm. The MNX-DDT-3000 has a 5-HP motor and has a performance up to 3,000 cfm. The MNX-DDT-2000 has a bed measuring 52"x52", while the -3000 measures 52"x78". The models have

a powerful 200 fpm minimum downward airflow capture, hinged side-wing panels, built in fluorescent light, filter cartridges featuring nanofiber technology, a MERV 13 filtration efficiency rating, and an ergonomic design. The unit is constructed of 12 and 14 gauge steel. Large particles are collected in the 1.4 cubic foot capacity dust drawer(s). The media in each cartridge incorporates an outer layer of ultra fine Ultra-Web microfibers that intercept small particles at the surface of the media. Cartridge dimensions are 13.8" wide and 26" long. Independent laboratory testing has determined that Ultra-Web cartridges have a Minimum Efficiency Reporting Value (MERV) of 13 based on the ASHRAE 52.2-1999 test standard. Ultra-Web cartridges also achieve start up efficiencies of 99.9% on 0.2-2 micron dust particles.

FEATURES:

- Self-contained dust collectors
- 200 fpm minimum downward airflow capture
- Filter cartridges featuring nanofiber technology
- Pneumatic pulse cleaning technology

BENEFITS:

- Downdraft air pattern pulls harmful fumes and particulate from breathing zone

APPLICATIONS:

- Grinding and Finishing Operations, Welding, most other Light Dust/Particulate



CO, NO₂ Fume Detection



OVERVIEW:

Monoxivent's fume detection systems are offered as either a stand alone system or as a system with remote sensors for CO or NO₂. The stand alone systems feature two alarm levels (audio/visual), LED display, sensor, and two relays. Remote sensors are connected through a central panel. These systems are advanced microprocessor-based, featuring a high-quality stand alone controller, a unique high-tech enclosure, and all necessary characteristics to provide continuous, effective, and fully integrated monitoring of toxic and combustible gases. Other gas monitoring available.

FEATURES:

- Advanced microprocessor based
- Unique high-tech enclosure
- Stand-alone and multi-sensor systems available

BENEFITS:

- Continuous, effective, and fully integrated monitoring of toxic and combustible gases

APPLICATIONS:

- Parking Garage, Vehicle Maintenance Bays, Warehouses