Productivity Is In The Air.

And We're Making Sure It's Clean.

Air Cleaners: Rugged, Reliable, Proven.

Let us use our years of air cleaning experience to help solve your industrial indoor air quality problems and improve your plant's productivity and profitability.

We use proven technologies and a comprehensive range of equipment to handle harmful airborne industrial contaminants, such as, welding smoke, coolant mist, grinding dust, laser and plasma cutting smoke, carbon dust, and gaseous contaminants. Our industrial air cleaning equipment is easily user-installed and is available for general background air cleaning or for source capture applications (portable, ducted, and machine tool-mounted).

Solidly built for heavy industrial use, our air cleaning equipment is tough, reliable, and easy to maintain. For solutions to employee exposure to smoke, fumes, dust and mist call us today!

Happy Employees Are Prod

INVESTING IN CLEAN AIR IS SIMPLY BETTER BUSINESS

Our equipment installs easily and quickly pays for itself. Our filtration systems can save you money, improve your business AND help you generate a stronger bottom line. Let our years of experience in air quality control enhance your profit picture.

- **Attract and Keep Valuable Employees**
- **Protect Worker's Health and Increase Productivity**
- **Reduce Worker's Compensation Costs**
- **Reduce Civil Liabilities**
- **Reduce Regulatory Liabilities**
- **Maximize Equipment Life**
- **Save Money on Heating / Cooling**

General Background Air Cleaning (F62B shown)

ELECTRONIC AIR CLEANING

YOUR CHOICE OF COST-EFFECTIVE TECHNOLOGIES

Electronic Air Cleaning

The state-of-the-art two stage electrostatic precipitators in our electronic air cleaning equipment. Electronic air cleaners are ideal for removing extremely small smoke, mist and dust particles from the air. These are removed from the air by charging the particles and then passing them through a collector section. Airflow capacity range from 500-12,000 CFM. Advantages of electronic air cleaners include:

- **Ideal for fine particulates, such as, smoke and coolant mist.**
- **Low airflow resistance compared to media filters.**
- **Precipitators do not restrict airflow when dirty.**
- **Low airflow resistance results in quieter and more efficient air cleaning.**
- **Periodic filter replacement not required.**

MistBuster

F33V

F61

F62B

F66/F33

F66V

F72

F73

Other Models & Configurations Available, Complete Specifications Available Upon Request.

ictive Employees.

CONTAMINANT CAPTURE TECHNIQUES

Air cleaning systems are available for almost any application including:

General Background
General background (or "ambient") capture utilizes one or more air cleaners positioned within a facility to clean and re-circulate the overall ambient plant air. While source capture is often recommended, there are often factors which make ambient air cleaning the most practical choice. Our F62B Coanda Airflow unit is uniquely suitable for these applications.

Source Capture: Portable & Overhead Systems
Source capture excels when contaminants are particularly toxic or noxious. Source capture removes the contaminants from the air before they reach the workers' breathing zone. This approach greatly reduces the probability of adverse health effects. Our portable source capture systems offer the maximum air cleaning capability with a minimum of floor space. Our overhead source capture systems mount up out of the way and use no floor space. All of our source capture systems offer literally dozens of combinations of air cleaning technologies and fan horsepower enabling us to meet your precise air cleaning requirements.

MEDIA FILTRATION AIR CLEANING

Media Filtration Air Cleaning

Media filtration removes airborne particulate contaminants by interception, impaction or impingement. Optimum filtration and filter life can be achieved by matching the fiber size, spacing, material and filter construction to meet capture, cleaning and airflow requirements specific to your application. Airflow capacity range from 200-12,000 CFM. Advantages of media filtration include:

- **Disposable filters are inexpensive and easy to replace.**
- **Can be used in conjunction with sorbents for control of odors and gaseous contaminants.**
- **Ideal for large particulate (e.g., grinding dust).**

Approaches to media air cleaning include:

- **Cube Filters**
- **Extended Service Filters**
- **Cartridge Filters**
- **Multiple Pocket Bag Filters**
- **HEPA Filters**
- **Sorbent Bed Technology (For control of gaseous contaminants, VOC's & odors)**


M32


M32V


M33


M68V


M73


M72


M66


M66V/M33V

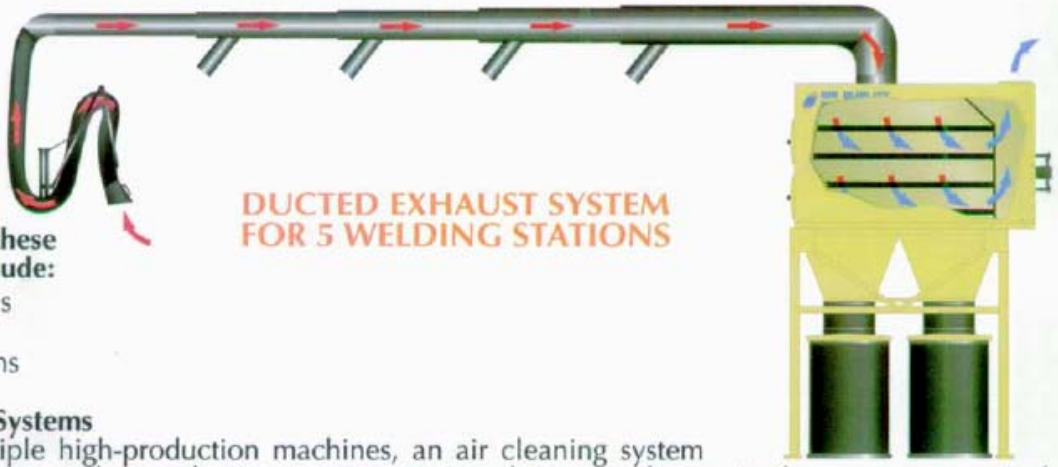

M67


M68


M660/M330


FumeFighter®
(shown w/ optional arms)

Other Models & Configurations Available, Complete Specifications Available Upon Request.



DUCTED EXHAUST SYSTEM
FOR 5 WELDING STATIONS

Common applications of these cost-effective systems include:

- Multiple Robotic Stations
- Multiple Grinders
- Multiple Welding Stations

Source Capture: Ducted Systems

When working with multiple high-production machines, an air cleaning system that uses ductwork to connect the production equipment to a large air cleaner is the most economical solution. Large air cleaners offer more fan horsepower and more air cleaning per dollar. This translates into savings in terms of both acquisition and operation.

Source Capture: Single Units

Designed specifically for use with EDM's and enclosed CNC's, our MistBuster, M33, M32 and F33 are ideal for use with one or two items of production equipment. Compact enough to bolt right to the top or side of the CNC enclosure, these air cleaners are inexpensive to own and operate. These air cleaners are the perfect solution for the shop with just one or two machines that create most of the industrial air contaminants.

CARTRIDGE FILTRATION AIR CLEANING

Cartridge Filtration-Reverse Pulse Cleaning

Cartridge filtration equipment is ideal for processes that generate very large quantities of fine dry particulate. Typical applications include laser cutting, plasma cutting, sanding, grinding and welding. As the filters load up with contaminants, the reverse-pulse cleaning system automatically cleans the cartridges. Since this self-cleaning process takes place while the air cleaner is in operation, there is no slow-down in production to change filters. This is especially critical in high production processes where time is expensive. Airflow capacity range from 1100-6600 CFM.

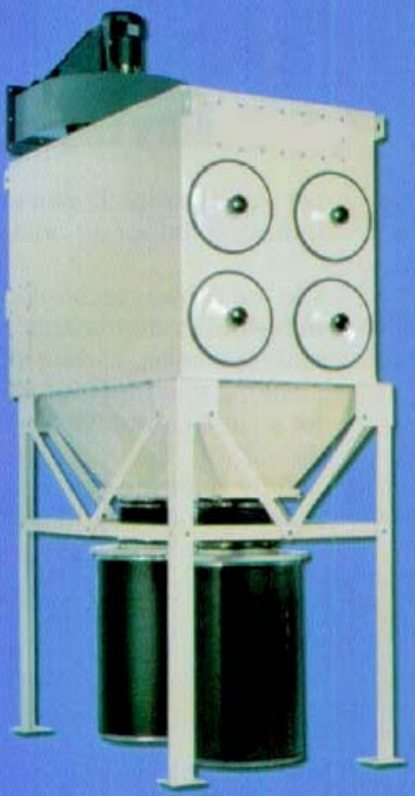
*Drums not included

AQE 8000
(Shown w/ optional blower)

AQE 4000
(Shown w/ optional arm)

AQE 4000
(Ambient)

AQE 2000



Other Models & Configurations Available, Complete Specifications Available Upon Request.

Our full line of interchangeable air cleaning modules, blowers and accessories allows us to economically tailor equipment to match your specific requirements. In addition, modular construction allows easy adaptation of existing air cleaning units to changing production circumstances.






For further information:

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