

It Is Not Worth The Risk!

Employees Fight Back Against Respiratory Failure

Most people are aware that outdoor air pollution can damage their health, but may not know that indoor air pollution can also have significant effects. Tests on human exposure to air pollutants indicate that indoor air levels of many pollutants may be two to five times, and on occasion more than 100 times, higher than outdoor levels.

These levels of indoor air pollutants are of particular concern because it is estimated that most people spend as much as 90 per cent of their time indoors. Over the past several decades, our exposure to indoor air pollutants is believed to have increased due to a variety of factors, including the construction of more tightly sealed buildings, reduced ventilation rates to save energy, the use of synthetic building materials and furnishing.

Many office buildings and plants have significant air pollution sources. Some of these buildings may be inadequately ventilated. For example, mechanical ventilation systems may not be designed or operated to provide adequate amounts of outdoor air. Finally, people generally have less control over the indoor environment than they do their homes. As a result there has been an increase in the incidence of reported health problems by employees.

Air Quality Engineering is here to change things. They want to make sure that the health of the employee comes first. Without them the plant couldn't operate and there would be significant downtime and a loss of money.

The new MistBuster 500 mounting system makes it easier than ever and less costly to

avoid employee overexposure to metal working fluids. NIOSH has identified a number of health risks associated with overexposure to metal working fluids. These risks include respiratory disorders such as asthma and hypersensitivity pneumonitis, as well as cancer of the skin and other organs.

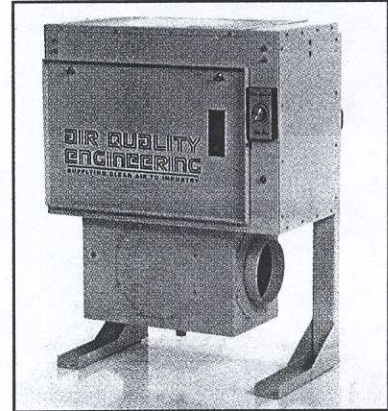
With the new mounting system, you can easily use the compact and lightweight MistBuster 500 to drastically reduce airborne concentrations of metal working fluids in your workplace.

The new MistBuster 500 uses an innovative application of proven technology to radically reduce air cleaner size as well as minimizing purchase and operating costs without sacrificing efficiency and performance. The mounting system allows the MistBuster 500 to be connected to a ducted application when direct cabinet mounting is not feasible. This new mounting system thereby allows the facility to provide optimum control of metal working fluid mists with a maximum of installation flexibility.

Using less than two amps at 110 volts, the MistBuster 500 is vibration free for more precise and repeatable machining. Vibration from the old (and extremely noisy) centrifugal units was unavoidable when residue accumulated on the impeller. With the new MistBuster 500, the air is cleaned before reaching the impeller.

With the old centrifugal units, the impeller is the the air cleaner! A dirty out-of-balance impeller creates vibration which is translated to your CNC and your customers' parts. This results in expensive scraping of parts that could otherwise have been in-spec.

The New MistBuster 500 avoids these problems and makes it easy to meet the stringent NIOSH criteria for metal working fluids by



using the most recent developments in air cleaning technology.

Other advantages include:

CLEAN AIR-

which eliminates the haze associated with most metalworking operations.

SAFETY-

reduces the risk of accidents caused by slippery surfaces.

METAL WORKING FLUID SAVINGS-

The MistBuster 500 collector collects and returns the metal working fluid to your machine rather than venting it to the atmosphere. This works on all coolant mists.

CLEANING COST SAVINGS-

Uncontrolled metal working fluid mist will soil machinery, floors and ceilings.

QUIET OPERATION -

No screeching which is characteristic of old centrifugal models.

Sized right for your equipment, the revolutionary MistBuster 500 gives you unparalleled air cleaning performance and maximum cost-effectiveness. In addition, it is available with economical UPS delivery.

Air Quality Engineering Inc., has been supplying clean air to industry for over 25 years. They offer a complete line of quality air cleaning equipment for a variety of applications.

For more information, contact Air Quality Engineering Inc., Minneapolis, Minnesota.

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