

LETS CLEAR THE AIR!



**Hilliard's Shop Mist
Eliminators Provide a
Healthier Work
Environment While
Lowering Energy
Expenses**



Most manufacturing and processing operations create a need to exhaust contaminated air outdoors, wasting thousands of dollars every year in energy costs to heat or cool the replacement air. The Hilliard Mist Eliminator System is a versatile tool that can be applied to many operations to significantly reduce energy costs in addition to providing a cleaner and more pleasant work environment.

The Mist Eliminator System extracts smoke and fumes from welding and heavy-metal operations, and coolant and oil mist from grinding and machining operations. It returns the filtered air directly to the building, reducing the need to induce make-up air. When piped directly to a group of machine tools, it continuously extracts the coolant and oil mist during the machining operation to prevent the mist from exiting the machine which can then pollute the air, and settle on the floor as well as the machine operator. Another advantage of the system is that it distributes filtered warm air generated by ovens, compressors, or other heat-producing operations to other areas of the building, thereby using heat that might otherwise be wasted.

Applications

- Welding Shops
- Flame Cutting
- Pipe Burning
- CNC Machining Centers
- Screw-Machine Centers
- Heat Treating
- Tire Presses
- Injection Molding
- Other Processes

Features

- 2500 CFM Max. Capacity
- 10" Inlet/Outlet Connections
- Carbon Steel Construction
- Meets all Electrical Requirements
- Paint as Specified
- Outlet Pipes as Required



Features

- 1500 CFM Max. Capacity
- 8" Inlet/Outlet Connections
- Carbon Steel Construction
- Meets all Electrical Requirements
- Paint as Specified
- Outlet Pipes as Required



Benefits

- Energy cost savings
- Reduce make-up air
- Eliminate smoke-laden ceilings
- Eliminate negative building pressure
- Clean work environment

The HILCO Mist Eliminator Systems (MES) operate with an efficiency of 99.97% or greater removal of airborne contaminants, regardless of particle size. The HILCO MES effectively removes contaminant and particulate to .3 micron (μm) and below.

Typical Applications Of Hilliard Mist Eliminator Systems



Large Machining Center



CNC Machines



Weld and Fabrication Shop



Pipe Burning Operation

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