

Mighty Ion....



is Your Best Defense
in Fighting Industrial
AIR POLLUTION



A Universal Electrostatic **AIR CLEANER**

- Gives you Cleaner, Fresher Air
- Stops Smoke, Fumes, Mist and Dust
- Provides a clean Working Environment
- Reduces Heating & Air Conditioning Cost.
- Saves Energy - Saves You Money

 **UNIVERSAL
AIR & GAS PRODUCTS
CORPORATION**

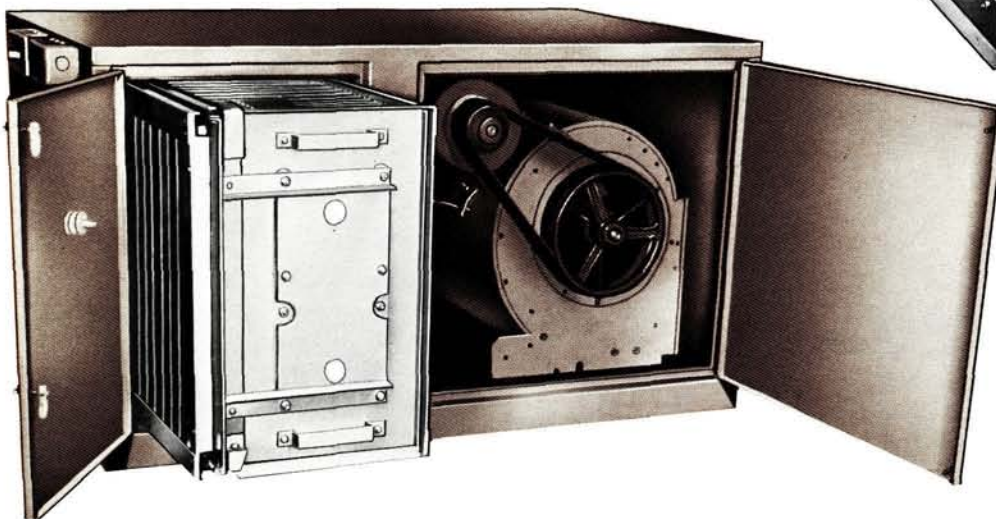
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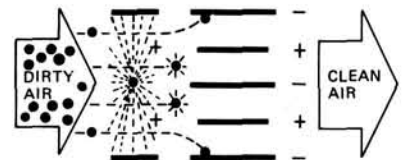


Mighty ION...

AIR CLEANERS



HOW THEY WORK



Operation is by the two-stage electrostatic precipitation principle. All airborne contaminating particles are lifted by the air flow stream to an ionizing section where they are given a strong electrical charge. These charged particles are attracted to and captured by a series of collector plates where they are contained until cleaned. Only clean air is exhausted.

Look at these SUPERIOR DESIGN FEATURES:

- 1. Mechanical Pre-Filter** — Stops larger contaminant particles and increases dirt-holding capacity.
- 2. Improved Collector Cell** — Ionizing section is supported without insulators. Collecting Cells are rated for low velocity to reduce blow-off.
- 3. Water Wash System** — Integral Washing available to flush away collected dirt. Reduces maintenance.
- 4. Efficient Post Filter** — Improves air distribution and collects any contaminants that blow off collector plates.
- 5. Solid State Power Supply** — Generates high voltage and automatically de-energizes when an electrical short occurs. Power pack can be remotely located.
- 6. Totally Enclosed Motor** — Moves air through Air Cleaner and discharges in back of cabinet. Adjustable Speed pulley.

Mighty ION Range of Effectiveness THE SIZE OF AIRBORNE PARTICLES IN MICRONS (1 micron 1/25,400th of an inch)

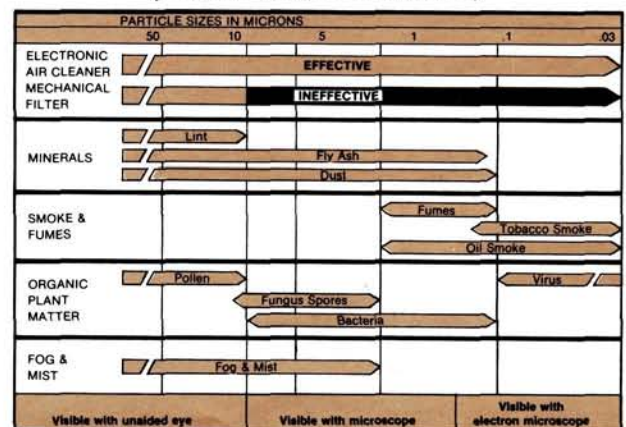


Chart used to dramatize the comparative size of various pollutants and the superior efficiency of the Precipitator on particles not visible with the naked eye.

Why Mighty ION Benefits your Plant...

STOPS SMOKE, FUMES, DUST AND MISTS

In .01 micron in size and larger from: Welding, Brazing, Soldering, Grinding, Cold Forming, Machining, Induction Heating, Quenching, Plastic and Rubber Fabrication and others.

IMPROVES EMPLOYEE MORALE

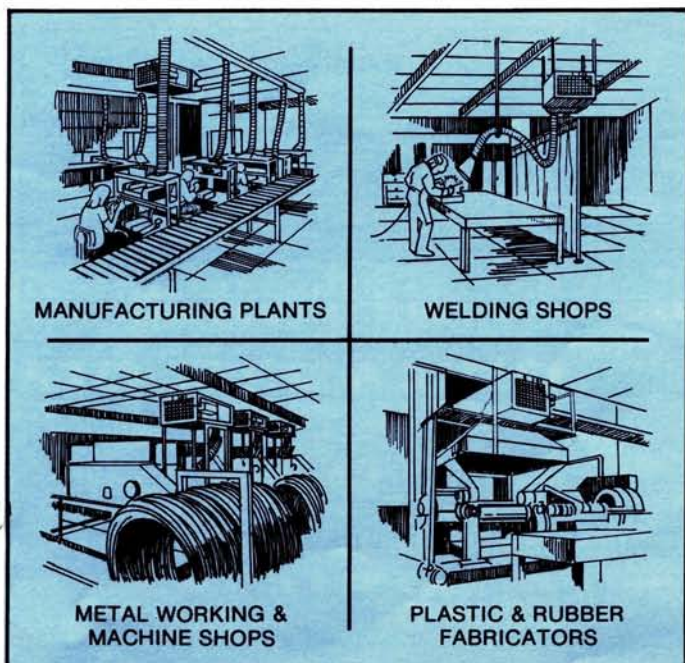
By providing safer working conditions and helps meet government standards as required by OSHA agency. General cleaning and production costs can also drop in a smoke-free and dust-free shop.

RECOVERS VALUABLE PROCESS MATERIALS

Captures and reclaims reusable components and liquids. Generally speaking, anything that is particulate can be collected by the air precipitator.

TYPICAL INDUSTRIAL APPLICATIONS IN:

Manufacturing Plants, Welding Shops, Plastic and Rubber Fabricators, Metalworking and Machine Shops, Foundries, Food Processing Plants, and Auto Body Shops.

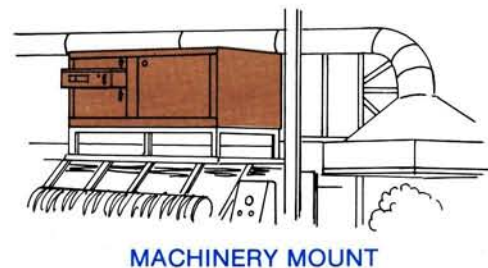
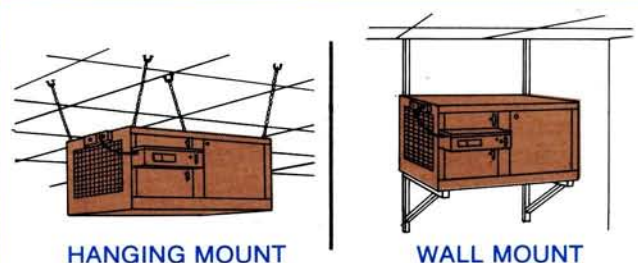


REQUIRES NO EXTERNAL EXHAUSTING

Cleans and recirculates air instead of exhausting it. Recycles heated or cooled interior air and requires no expensive air makeup. Helps comply with EPS guidelines.

SAVES ENERGY - SAVES MONEY TOO!

Operates on very little energy. Reduces heated or cooled make up air.



EASY INSTALLATION Cleaners can be mounted on walls or columns, free-hanging suspension or machine mount. Also Bench, stand or cart.

SIMPLE MAINTENANCE Easy access for routine cleaning or service. Collector cells and filters quickly removed for efficient cleaning.

DURABLE CONSTRUCTION Heavy 18 ga. industrial cabinet construction. Access doors electrically interlocked for safety.