

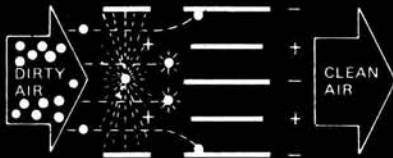
# Mighty ION

Portable Electronic Air Cleaner  
is Your Best Defense  
in Fighting Industrial  
**AIR POLLUTION**



Captures at the Source

## 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.

DIRTY AIR



CLEAN AIR

## 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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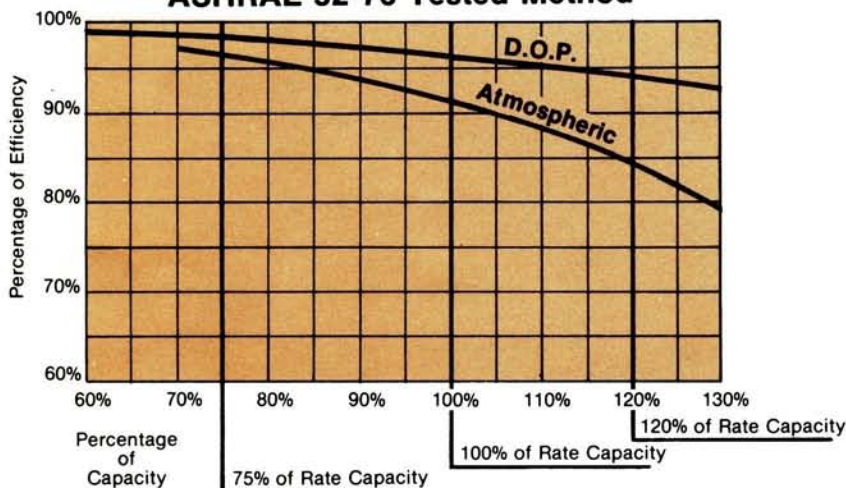




# Mighty ION

## Technical Data & Dimensions

### EFFICIENCY RATIO ASHRAE 52-76 Tested Method



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

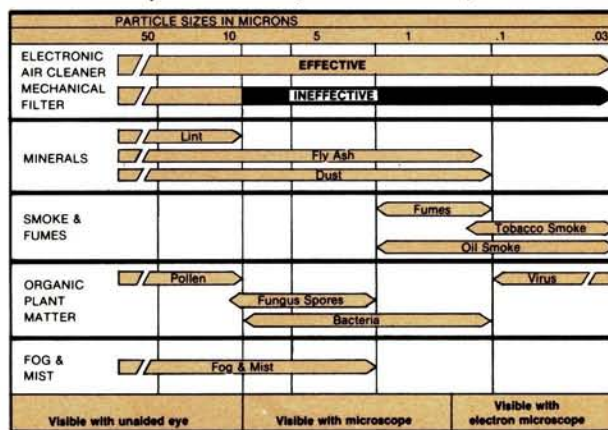


Chart used to dramatize the comparative size of various pollutants and the superior efficiency of the Precipitator on particles not visible with the naked eye.

### ONE YEAR LIMITED WARRANTY

All **Mighty ION** Air Cleaners are warranted against defective materials, parts and workmanship for one full year from date of purchase. Universal Air Precipitator Corp. will exchange any defective parts during the warranty period provided such parts are returned prepaid to the manufacturer. This warranty is intended to comply with the requirements of the Magnuson-Moss Warranty Act, regulations of the Federal Trade Commission issued thereunder, and any applicable State or local laws, rules or regulations. Any part of this warranty in conflict with any such law, rules or regulations shall be ineffective to the extent required thereby.

### TYPICAL INDUSTRIAL APPLICATIONS IN:

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

### PORTABLE PRECIPITATOR SPECIFICATIONS MODEL MI 10P

Input Power: 115 VAC, 60 Hz, 11 amps  
Motor: 3/4 H.P. T.E.F.C.  
Weight: 300 pounds  
L x W x H (overall): 47" x 23" x 80"  
Arm Reach: Lateral 9', 12' or 15', swing 220°  
Power Cord: 20' Grounded  
On-off Switch  
Indicator Light

Capacity: 1000 CFM  
Pickup Velocity: 2000 FPM  
Duct Velocity: 4000 FPM  
Capture Distance: 1 to 1 1/2 ft. (approximate)  
Heavy Industrial Swivel Rollers  
Efficiency: 92% Atmospheric  
96% D O P

Pick-up Hood Interchangeable to Meet Specific Requirements

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