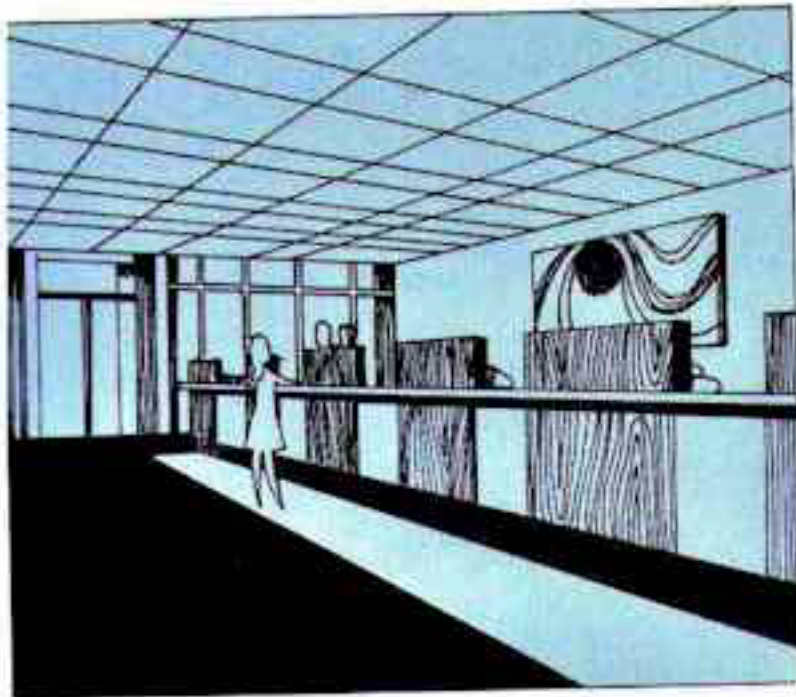
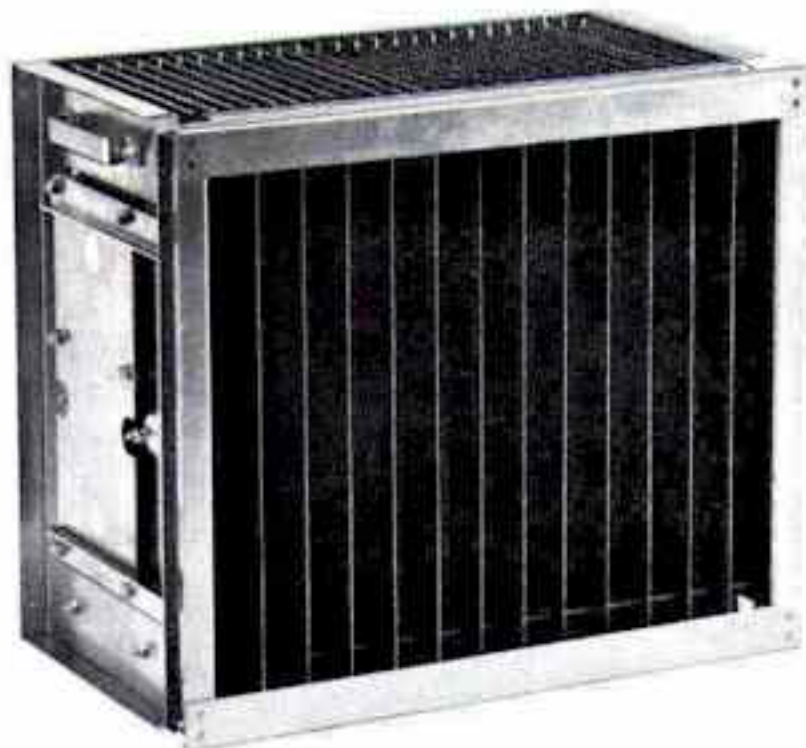
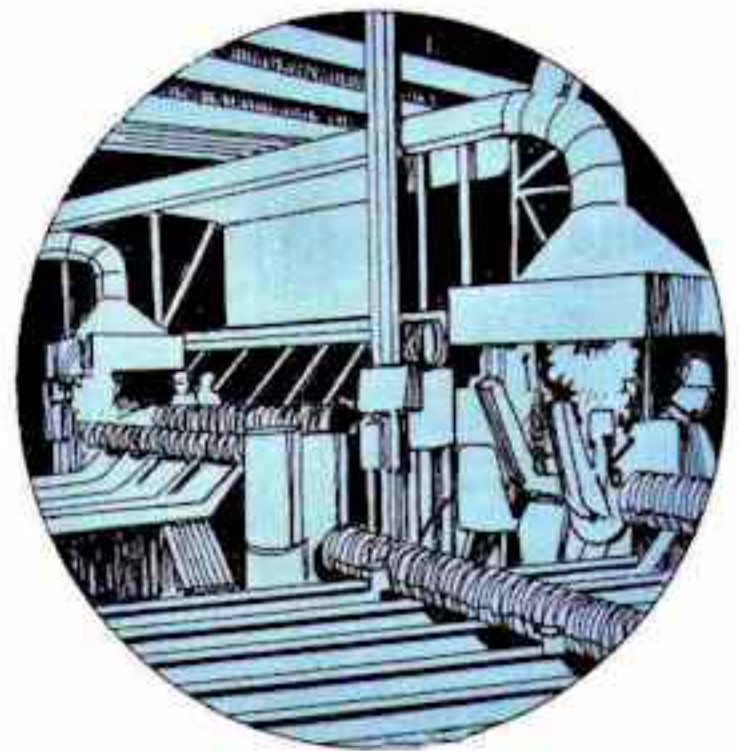


CLEANER, FRESHER AIR



Commercial and Industrial



Your Best Defense
Against Air Pollution



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Cleaner, Fresher Air . . . Where You Work!



In the Office . . .

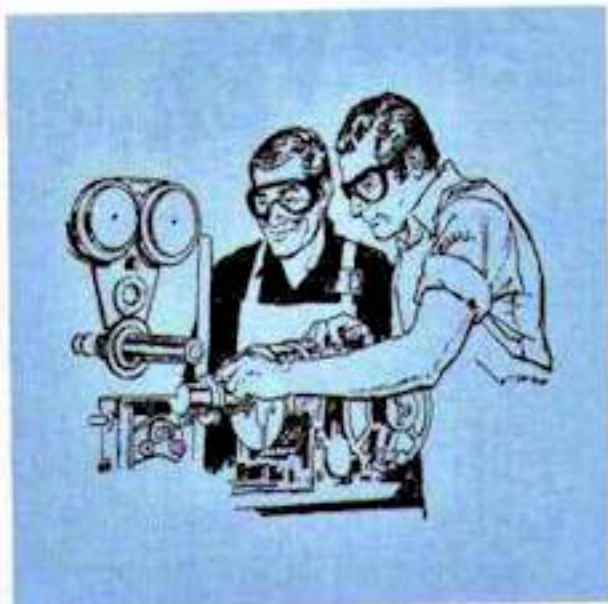
A Universal Air Precipitator cleans your commercial or industrial facility electronically. Airborne dirt, dust, smoke, pollen and germs are eliminated from the work environment. Your employees will enjoy the many benefits of a cleaner, fresher, more comfortable, dirt-free atmosphere.

A Universal Air Precipitator cleans the air as no ordinary furnace filter can. If you have ever replaced ordinary furnace filters, you know how filthy and clogged they can get in a very short time. But did you know that approximately 19 times that amount of dirt passes through ordinary filters and into your office or factory.

The reason for this is that approximately 95% of airborne dirt is composed of particles too small to be caught in the mesh of an ordinary filter. Only the large particles are stopped while the smaller ones pass right through. These smaller particles are the ones that stain and dull the interior of your facility. A Universal Air Precipitator, however, is non-selective as to particle size and will stop particles as small as .01 micron. A Universal does not strain the dirt from the air, but attracts and holds it like a magnet.

Polluted air has long been recognized as a detriment to well being. The extent to which it is harmful is still not known, but ever-increasing research strongly points to polluted air as a contributing factor to many illnesses—particularly diseases of the respiratory and circulatory systems.

Thousands of people suffering from airborne allergies and asthma have experienced immediate relief upon the installation of air precipitators. A Universal Air Precipitator will not cure an allergy, but it can eliminate the wheezing, and sneezing that accompany an allergy. Also, the more times a person



or in the Factory

spends in a pollen or allergen-free environment, the better is their resistance when exposed to them outside.

With a Universal Air Precipitator constantly cleaning the air, maintenance and cleaning costs are also significantly reduced. Dirt, dust, smoke, oil-mist, staining, and contaminating particles collect in the air cleaner, not on your walls, floors, ceilings and equipment. This results in a cleaner, fresher work environment for your employees. Heating and cooling costs are also reduced as conditioned air is recirculated.

RANGE OF EFFECTIVENESS

THE SIZE OF AIRBORNE PARTICLES IN MICRONS
(1 micron = 1/25,400th of an inch)

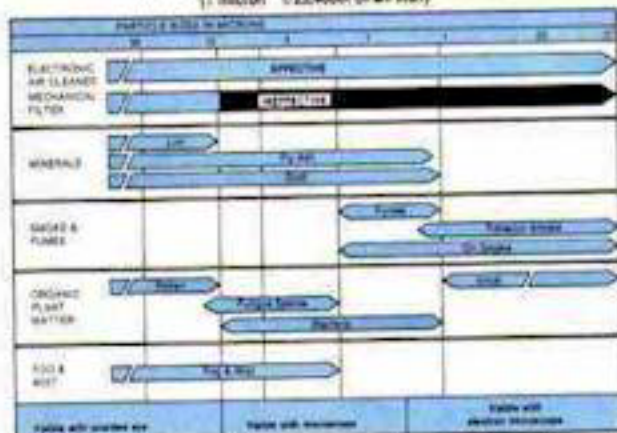


Chart used to dramatize the comparative size of various pollutants and the superior efficiency of the Precipitator on particles not visible with the naked eye.



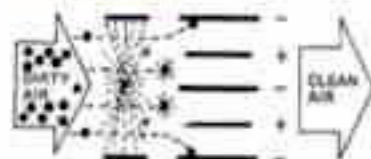
Your Solution to Pollution.



Process Emission

Air pollution from exhaust stacks can be arrested, with the use of Universal Air Precipitators, in compliance with environmental standards. In many cases the air can be recirculated to conserve costly heat energy. The precipitator can also reclaim reusable components and liquids. Generally speaking, anything that is particulate can be collected by the precipitator.

How it Works

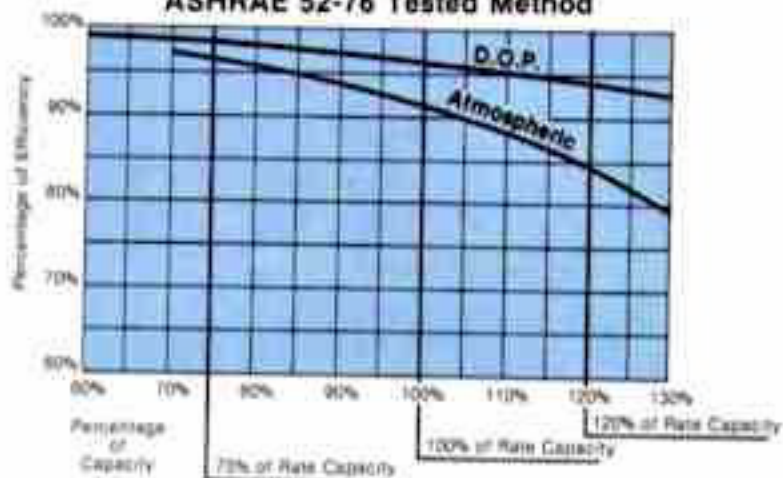


As contaminated air enters the unit, it passes through an "ionizing section." Here, each particle of dirt, regardless of size, is given a positive charge. The positively charged particles then flow into a "collecting cell" which consists of a series of parallel aluminum plates. Each plate is alternately charged "positive" and "negative." As the air flows between the plates, the particles (which now possess a positive charge) are repelled by the positively charged plates and are attracted to and held by the negative charged plates, thus allowing only clean air to flow through the ducts and into the work facility.

Maintenance

Periodically, a built-in washing system flushes the accumulated dirt down the drain.

EFFICIENCY RATIO ASHRAE 52-76 Tested Method



Efficiency measurement was done by Air Filter Testing Laboratory, Inc., an independent company.