

Bio-Cascade, Inc
79 Readville St
Boston, MA 02136
800-983-2420
www.BioCascade.net

**Air Cleaning System Eliminates Auto Exhaust Fumes
"CAP-90" Promotes Cleaner Environment for Auto Technicians**

Bio-hygenics:

Compact and portable treatment plants that use biological oxidation to clean air or water in real time.

CAP™ Clean Air Plants

- **Winner of Technology Merit Award.** The CAP is recognized by the Environmental Business Journal for innovative biological treatment of indoor air quality.
- CAPs employ biocatalysts that convert organic pollution like carbon monoxide, ozone, benzene, and other hydrocarbons to water and carbon dioxide.
- CAPs are stand-alone, portable units, which can be placed anywhere in areas of high pollution.
- Odors and air contaminants, produced by chemical vapors, toxic gases, and mold are eliminated.
- CAPs can be used to surpass OSHA standards for air in the workplace.
- Used in the workplace, CAPs lower health risks, increase comfort and productivity, reduce exposure to liability, and encourage good management practices.
- CAPs also remove cigarette smoke, pet dander, pollen, dust mites, mold, and other allergens.
- CAPs can even oxidize and destroy airborne bacteria and viruses, as well as sudden influxes of chemicals and biological contaminants.
- Turn off your present treatment systems and save thousands with CAPs.

A new, portable indoor air cleaning system for indoor air quality is now available for auto technicians and auto repair shops. The CAP™ Clean Air Plant uses a unique biological process to destroy organic contaminants and remove heavy metals emitted from automobiles and industry. CAPs eliminate fuels, solvents, smoke, toxic fumes, and gases from the air, including carbon monoxide, volatile organic compounds (VOCs) nitrogen oxides (NOx), ozone, and MTBE.

Designed by Air & Water Solutions, Inc., the "CAP-90" portable unit was inspired by Bill Willix, President of the Mechanics Education Association (MEA) of New Jersey. MEA, a non-profit network for auto technicians, trains, informs, and educates its members on safety techniques, health risks, and cutting edge technologies available to the industry.

When Bill heard about the industrial model CAP™ Clean Air Plant, he met its designer, Dr. Sam Sofer, President of Air & Water Solutions, and urged him to build a small model for use in auto repair shops. Bill knew first-hand about the dangers of breathing carbon monoxide and other pollutants associated with automobiles.

After demonstrating that the CAP-90 actually DESTROYS air pollution instead of just filtering or venting it, Bill has recommended its use to his MEA members. Several MEA members tested CAPs in their auto garages and were overwhelmed with its impact on indoor air quality. Many have purchased additional units for their offices and homes.

The CAP™ Clean Air Plant is a major advancement in the treatment of indoor air pollution. CAPs destroy organic contaminants biologically by oxidation. Unlike existing air filters, CAPs' biological process eliminates gases, fumes, solvents, smoke, and odors. Venting, which merely

moves air pollution from one area to another, can increase energy costs and is ineffective for spills or pits. CAPs have no filters to replace, consume little energy, and do not contribute to additional air pollution.

A variety of CAP sizes are available. CAPs can be placed anywhere in areas of high pollution concentration to minimize exposure and reduce odors. CAPs also can be used to surpass OSHA standards for air in the workplace.

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CAP-90 at A & T Automotive in Montville, New Jersey