

AIR TECHNOLOGY SOLUTIONS

World Leader in Air Purification and Removal of Vehicle Exhaust Fumes, Airborne Contaminants and Gas Pollutant for Indoor Workplace Environments

We specialize in customized air cleaning equipment for EMS Facilities, and Ambulance garages.

AIRMATION®



AirMATION® From Air Technology is an Exhaust Removal System

GSA Part # AMB301D-AT



In the working environment lungs are exposed to germs, dusts, diesel fumes, soot, stagnant air and gases. We offer Air Purification Equipment to absorb pollutants and minimize environmental exposure from toxins. Proactive measures provide you with clean, healthy air.

Air Technology's AirMation unit, will clean 20'x50'x20' ht. (20,000cf) with 8 air changes per 1 hour. The unit is capable of pulling particles 10-12 feet from each side in front and exhausting 20'-40' feet behind. We can estimate that 1 **AirMation** is capable of cleaning 1000-1200 square feet of space.



System Requirements

Equipment: Exhaust removal system design filtration media must be capable of virtually 100% removal of diesel exhaust fumes, gases and particulate in confines of the specified apparatus work bays during normal / daily activities. The AirMATION® system activates automatically without personnel involvement. There are no building or vehicle modifications. Building heat and air conditioning is not vented to the outside.



Toronto Canada EMS



Morristown New Jersey



The AirMATION® Industrial Air Cleaner

is a multi-stage progressive filtration system designed to **remove** toxic exhaust airborne particulates, contamination and gaseous pollutants. The **AirMATION® operates automatically** and is powered by a direct drive blower which is rated at 3000 cubic foot per minute (CFM). The diesel exhaust and pollutants are immediately drawn into the filter media.

- The 24" x 24" x 4" Pleated **Pre-filter** is composed of a blend of high loft synthetic and natural fibers to capture soot particulate as small as 4 microns in size.
- The **V-Bank High Efficiency Particle Filter** is the next stage. This 24" x 24" x 12" ultra fine glass fiber media removes the microscopic lung damaging diesel particulates as small as 0.3 microns.
- The **V-Bank Gas Phase Carbon Filter** measuring 24" x 24" x 12" is the final stage. Containing 43 lbs of activated coconut shell carbon, blended with activated Alumina, impregnated with Potassium Permanganate; this filter removes the gaseous pollutants and foul odors from the station's air. The purified airflow is reintroduced into the apparatus bays through the unit's rear baffle box which quietly diffuses and dissipates clean filtered air.

AirMATION® is a **hoseless** system.



AirMATION® Features /Benefits

- **AFG Grant Approved.** Reliable and dependable
- Effective removal of diesel soot, fumes, particulates and toxic contaminants from **ALL SOURCES**, not just tailpipes.
- **“Hands-free”** operation –automatic activation
- **Independent testing verifies** AirMATION® exceeds federal and regulatory standards
- **Tested and Proven to reduce CO and NO2 levels**
- Eliminates lung damaging diesel carcinogens
- No building heat loss
- No building modifications. No vehicle modifications.
- Adapts to all station and apparatus configurations
- **Regulatory compliance** with NFPA, FEMA, NIOSH, OSHA, ACGIH, EPA.
- Clean, healthy air is returned to bays
- Ceiling suspended, out of the way



MICROCON® CD

Has a progressive filtration system controlling both airborne particulate and gas-phase pollutants. Excellent for enclosed areas. Note the large center intake grille and the excellent 6-way directional air return.

This is a ceiling mounted air purification device. It is installed in a 2' x 4' drop ceiling panel, mounting virtually flush with the ceiling in an 18" plenum space. The **MICROCON CD** is designed to filter and re-circulate in-room air at a high level of exchange. **Microcon CD** with 20'x20'x10' Ht. will delivers 9 air changes per hour. designs, specifically engineered to eliminate life-threatening and quality-of-life airborne contaminants from the everyday workplace environment



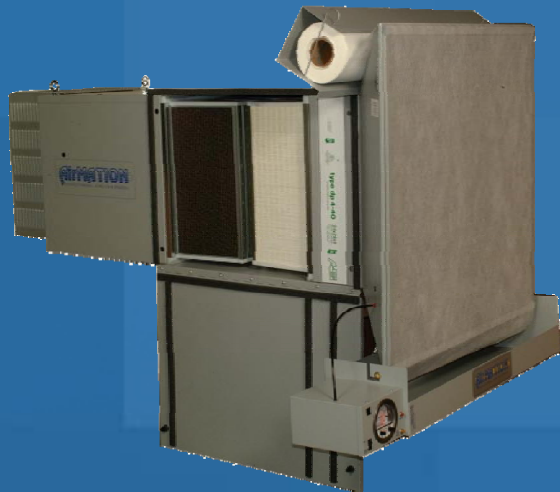
Flush mounted in T-bar ceiling grid

GSA Part # MCDH002-AT



Air Technology's exhaust removal system is a well proven design that incorporates documented designs, specifically engineered to eliminate life-threatening and quality-of-life airborne pollutants. No exterior or through the wall building modifications will be accepted. Our System will be able to function on a 24/7 operation basis. This air filtration system will require only minimal maintenance over the entire expected life of system, other than accidental damage.

GSA Part # AMAR302D-AT



GSA Part # MEXCBB002S-AT



Credentials

EMS facilities, Emergency Communication Centers and Municipal Garages,
Fire Departments, The White House, Secret Service, NASA, GSA, FAA,
Smithsonian, JFK Center, U.S. Postal Service,
New York City, Philadelphia, Los Angeles,
Trenton, Washington, D.C

GSA Contract# GS-07F-0150K Schedule 056 SIN 641-9 FSC 46
8(a) Certified

Call Air Technology Toll Free

1-800-743-3323

Visit our Web Site www.airtechnologysolutions.com

Air Technology Equipment Warranty

The AirMATION® system, excluding filters, is warranted for a period of two (2) years. The warranty does not include damage due to misuse, abuse, natural disasters and components not operated under normal industry use or if it has been repaired, altered or modified. If a claim is made under this warranty the unit may be replaced (with a new unit) or repaired at suppliers option.

