

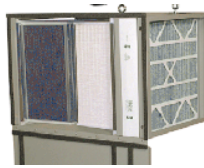


Air One, Inc. now offers AirMation® Industrial Air Cleaner unit(s) for air quality control at municipal solid waste (MSW), wastewater treatment plants (WWTP) and construction and demolition debris (CDD) facilities. Each AirMation® unit incorporates individual filtration media into each air handling unit. The units are designed to be individually serviced and operated.

The AirMation® Industrial Air Cleaner is a multi-stage progressive filtration system designed to **capture** airborne particulates, contamination and gaseous pollutants. It is powered by a **MFR rated 3,000 cubic foot per minute (CFM)** direct drive blower that draws diesel exhaust and pollutants into the filtration media.

Modular Filter Compartment

Securely positions the filtration media in steel tracks that slide in and out for easy access and change-outs



A **4" Pre-filter** is composed of a blend of high loft synthetic and natural fibers designed to capture particulate as small as 4 microns in size. The next filter stage is the **V-Bank High Efficiency Particle Filter**. This 24"x 24"x 12" ultra fine glass fiber media removes particulates as small as 0.3 microns. The final filtration stage is a 24"x 24"x 12" **Gas Phase Carbon Filter**. Containing 26 pounds of activated coconut shell carbon, this filter removes gaseous pollutants and foul odors from the air.



**STAGE 1**

A 4-inch biologic pre-filter constructed of synthetic and natural loft fibers captures particles as small as 4-microns in size.



**STAGE 2**

A V-Bank DOP filter constructed of fine glass fiber media is designed to provide high-efficiency air flow while removing particles as small as 0.3-microns.



**STAGE 3**

A gas-phase carbon cell containing activated carbon strips organic pollutants and odors from the airstream.

The purified airflow is reintroduced into your facility through a baffle box attachment that deadens noise levels while diffusing and dissipating the clean filtered air.

Each AirMOTION® Industrial Air Cleaner effectively controls and eliminates diesel fumes, diesel soot, airborne particulates, nuisance dusts, respirable dusts, smoke, odors, noxious gases, VOCs, welding smoke, carbon monoxide (CO), and oil mist.



Each AirMation® unit can produce **up to 180,000 cubic feet** of clean, filtered air per hour. They can operate 24/7, providing air purification even beyond vehicle operation. These numerous air changes eliminate dead air pockets, dirty air stratification and stagnant air.

Air One, Inc.

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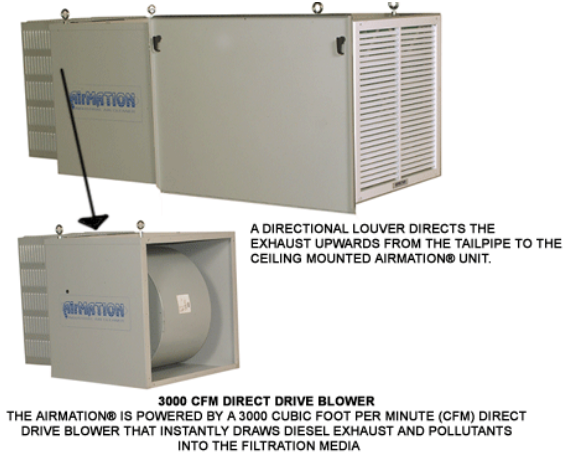
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There is low electric usage (7.5 AMPS per unit) and no building or vehicle modifications are necessary. **AirMation® accommodates all ceiling heights**, ceiling structures, and multiple heating systems.



The National Institute for Occupational Safety & Health (**NIOSH**) and the Occupational Safety & Health Administration (**OSHA**) set standards for permissible concentration limits for harmful gases that are found in diesel exhaust fumes. NIOSH permissible standards for chemical concentrations are 35 parts per million for carbon monoxide (CO), 1.8 milligrams per cubic meters (mg/m<sup>3</sup>) for NO and NO<sub>2</sub>, and 1.5mg/m<sup>3</sup> for SO<sub>2</sub>. The OSHA standard for CO is 50 parts per million of air and permissible exposure limit for SO<sub>2</sub> is 5 parts SO<sub>2</sub> per 1 million parts air.

*AirMation® meets requirements of regulatory agencies, making your workplace safe for your employees by reducing the diesel exhaust fumes, diesel exhaust soot and respirable dusts and removing the harmful carcinogens from facilities.*

Environmental pollutants are trapped in the highest quality, **multi-stage biologic filtration media**. The air is clean as particulates do not settle in work areas, tipping bays and/or offices of the facility. AirMation's immediate capability to remove the pollutants, supports OSHA whereby diesel fumes, soot, haze, and carbon monoxide are considered to be human carcinogens.

Independent test results conclusively show that **AirMation equipment controls and removes environmental contamination** providing a healthier workplace.



*AirMation® is a multi-stage filtration device designed to remove a wide range of critical contaminants and gaseous pollutants from your working environment.*



The AirMation® AMB-302 (pictured at left) and the AMARB-302 (at right) utilize an identical progressive internal filtration system and direct drive blower. A full-length swing down panel allows for fast and easy filter replacement. The AirMOTION® AMARB-302 (at right) is for high ceiling applications. The auto-roll filter is added for an additional level of filtration. The 200-yard roll filter covers a 40" x 40" area and advances automatically as particulate accumulates.



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