



BREATHE CLEAN AIR



AIRVAC 911® Engine Exhaust Removal System

NO HOSES, NO DUCTING



BABA COMPLIANT
Trusted Solution Since 1994

Free Proposal & Site Assessment – AirVac911.com/FreeProposal



Contract Holder
Contract 47QSWA22D007B



AIRVAC 911® Meets NFPA, OSHA, IMC, EPA, GSA Standards

800-540-7264
AirVac911.com





“ In my opinion, these are the best by far for safety concerns about the air in the fire hall bays. ”

— City of Chattanooga Fire Department, TN

FIRST RESPONDER HEALTH IS OUR PRIORITY

For more than 30 years, Air Vacuum Corporation's AIRVAC 911® Engine Exhaust Removal System has been the trusted solution for protecting first responders from the health dangers lurking in public safety buildings worldwide.

FACT: According to OSHA, prolonged, uncontrolled exposure to diesel exhaust and particulate matter increases the risk of lung cancer, cardiovascular, cardiopulmonary and respiratory disease.*

SOLUTION: AIRVAC 911® Controls the spread of hazardous contaminants by constantly monitoring and continuously removing diesel exhaust and particulate matter at the source.

Easy to Install in Existing Stations, Renovations and New Station Designs

AIRVAC 911® is the most effective and efficient exhaust removal system available. A sophisticated UL certified “Smart Timer” control panel automatically activates the system so that particulate and gases are removed 24/7.

- **100% Source Coverage, 24/7**
 - **Fully Automatic Removal:** Reduces cumulative exposure and eliminates Hot Zones.
 - **Easy to Install:** No building modifications, no ducting, no outside exhausting.
 - **No Interference with Response Time:** No hoses, vehicle attachments or tail-pipe connections.
 - **Protects Gear & Equipment:** Removes off-gassing from turnout gear, hoses, parked vehicles and medical equipment.
 - **Parking Flexibility:** Easily move vehicles from bay-to-bay.
 - **Low Maintenance:** Periodic filter replacements.
 - **Highly Affordable**
 - **Made in the U.S.A. / BABA Compliant:** Manufactured and distributed by Air Vacuum Corporation. Installed by factory technicians or local contractors.
- Plus, AIRVAC 911® also protects medical equipment at EMS facilities by:**
- Maintaining temperature control
 - Eliminating particulate residue / contaminants

*OSHA, 2013 “Hazard Alert for Diesel Exhaust / Diesel Particulate Matter.”

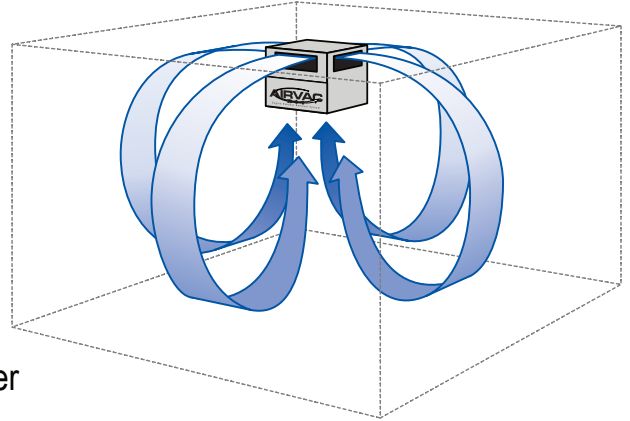


Custom Designed to Protect Your First Responders

Maximizes Particulate and Gas Removal from the Breathing Zone

Continuously filter the air and eliminate exhaust dead spots. AIRVAC 911® is the only hoseless system with a multi-directional airflow design. Our proprietary “Coanda” design provides 360-degree vertical and horizontal air movement throughout the entire bay area.

In head-to-head comparisons with unidirectional air cleaners, AIRVAC 911® cleans more air at a faster and more efficient rate.

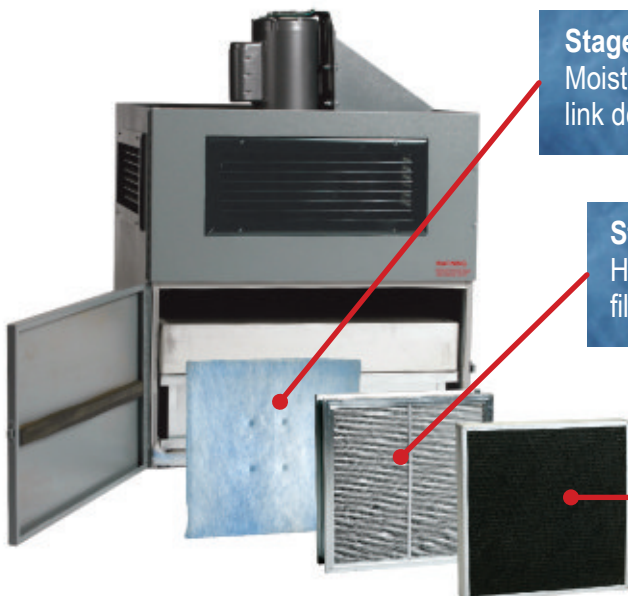


Mitigates “Engine Exhaust Backwash” & Hot Zones

AIRVAC 911® removes engine exhaust that re-enters the station when vehicles depart and return. It also addresses the entire apparatus area and contaminant Hot Zones regardless of parking configuration, vehicle quantity and type.

4-Stage Filtration Process Removes Particulate and Gasses with Virtually Zero Maintenance

Four, fully adjustable, clean air return vents provide maximum airflow for high-performance protection.



Stage 1: Three-Ply Pre-Filter

Moisture-resistant, 3-ply polyester media. Self-sealing continuous link design. Class 2 filter, UL Standard 900 and CAN 4-S111.

Stage 2: HEPA MAX 3000 (MERV 16 Rated Filter)

High-efficiency particulate air filter. UL/ULC classified; Class 2 filter ASHRAE 52.2 tested to MERV 16 (>98% efficiency).

Stages 3–4: MULTISORB 3000 (activated carbon blend). Consists of a 50/50 blend of high performance and enhanced porosity carbons: Impregnated Activated Alumina and Coconut Shell Activated Carbon. Certified UL CLASS-1.



“ As an ambulance service, we value having clean equipment and vehicles for our patients as well. The air in our vehicle bay actually feels better and smells better!
— Bethel, VT ”

“ Within a few minutes of operation the system removes any indication of exhaust odor left in the apparatus bays. Our newly repainted walls are staying white.
— City of Homer, Alaska ”

“ The AIRVAC 911® system has improved the conditions of our working environment tremendously. We don't have to deal with hoses hanging from the ceiling or depend on a firefighter to jump off the truck and hook up the hose.
— City of Mebane, NC ”

“ One of the biggest benefits is that the AIRVAC 911® Engine Exhaust Removal system addresses the blast of exhaust received when the apparatus leaves the apron. Hose systems disconnect as the unit leaves the bay and do not capture the 'second' dump of fumes.
— Ripon Fire District, Ripon, CA ”



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