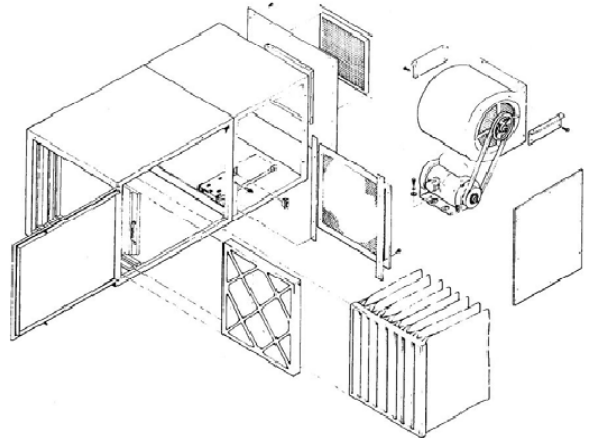




DIESEL EXHAUST CASE STUDY M-66 SOLUTION

In 2006, Kingwood Rescue Squad was awarded a grant through the Assistance to Firefighters Grant (AFG) program. Clean Air Company was requested to present available options for protecting members of the squad from diesel exhaust exposure.



One of the options was the ceiling mounted M-66 air filtration system. The M-66 unit is powered by a blower that can generate up to 4,000 CFM. This industrial sized unit is capable of providing dominant air currents to constantly re-circulate the air within the apparatus bays.

The unit's filtration process was selected by Clean Air Company employees who are Certified Air Filtration Specialists (CAFS) through the National Air Filtration Association (NAFA). We utilize a three stage filtration process for the purpose of removing diesel particulates and gasses. The filters include a MERV 7 pre-filter, MERV 16 DOP primary filter and 45 pounds of activated carbon for gas adsorption.



Units are automatically activated and continue to operate for a predetermined time which can be adjusted. They're also capable of being activated manually, via radio transmitter, or integrated with a CO detection system. Although the units are not as effective as a direct connect source capture system, they are a viable option to those departments that don't want hoses.

For more information on improving your air quality, please contact us.



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