Local Exhaust Ventilation (LEV) Enclosure

Protect Personnel from Airborne Contaminants

Ventilation is a crucial engineering control that is utilized for improving and maintaining safe air quality and personnel protection from hazardous substances in the occupational work environment. To reduce employee exposure to airborne contaminants such as dust, fumes, vapors and gas emitted from laboratory processes, facilities employ a local exhaust ventilation (LEV) system, designed to capture airborne contaminants at the source and transfer them to a safe emissions point.

The Air Science® LEV Enclosure, designed and fabricated to customer specifications, can be used as a component of a local exhaust ventilation system in order to control personnel exposure to hazardous airborne contaminants. The LEV Enclosure incorporates exclusive Air Science **Multiplex™ Filtration Technology**, customizable to meet a wide range of multiple-use applications, including HEPA filtration to provide superior personnel protection against particulates.

Let Air Science engineer an LEV Enclosure to meet your unique requirements, such as:

- A capture hood for LEV extraction at the point of use.
- A custom enclosure designed to customer needs that does not conform to fume hood standards.
- Downflow extraction.

Contact us to learn how we can help design your Local Exhaust Ventilation Enclosure.

AIR SCIENCE LOCAL EXHAUST VENTILATION ENCLOSURE

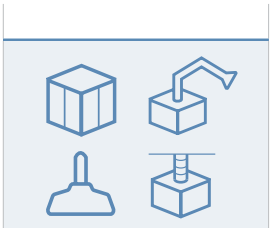
Air Science Local Exhaust Ventilation (LEV) Enclosures deliver reliable, cost-effective protection while providing maximum safety and flexibility to the customer. Customizable engineering and technology offer a host of benefits and features designed to help save money and provide enhanced personnel protection, seamlessly incorporated into your local exhaust ventilation system.

Air Science works closely with you to provide high-quality LEV Enclosures built to your specifications. We consult with your staff to integrate the unit into your system, determining optimum materials and configurations necessary to achieve the best results. Our personalized process delivers a host of options to achieve maximum hazard control.

CUSTOMIZABLE FEATURES INCLUDE:

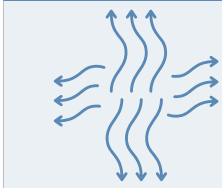
- Dimensions
- Protection Required
- Filtration Type
- Construction
- Door and Window Types
- Accessories and Options
- Airflow Pattern

LEV DESIGN OPTIONS



Enclosure, Source Arm, Canopy, Direct Vent.

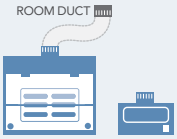
AIRFLOW PATTERN OPTIONS



Upflow, Crossflow, Downflow, Horizontal, Vertical.

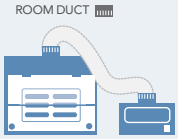
OPERATION MODES

Mode 1:



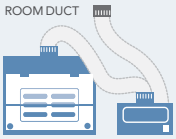
Connect LEV to direct in-house vent (with or without optional fan boost assist)

Mode 2:



Connect LEV to ductless extract filtration system (HEPA and/or carbon filters)

Mode 3:



Connect LEV to ductless extract filtration system + in-house vent

LEV ENCLOSURE

Air Science designs and manufactures Custom Enclosures to meet any specialized filtration need, including the LEV Enclosure, fabricated as a component of a local exhaust ventilation system. Our units can be engineered to provide reliable personnel protection from hazardous air contaminants. Customization can range from minor modifications to standard Air Science models or completely customized, application-specific LEV Enclosures.

LEARN MORE

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