

## LA-Series Fume Hoods

With its angled front panel design for improved variable airflow, the customizable LA Series Benchtop Fume Hood is the perfect blend of affordability, efficiency, and flexibility for any research, education, or manufacturing operation. Its bypass technology provides consistent laminar airflow across the face of the hood, ensuring a safe work environment for all users. The full-bias sash perimeter and multi-slotted baffle system provide optimal airflow characteristics, performing effectively down to 60 ft/min face velocity – important for “airstarved” rooms and general energy conservation. It comes with a long list of standard equipment that aids in its work as a green energy fume hood.

### Features



Modular design-large sub-assemblies offer easy knockdown and reassembly for retrofits and add-ons.

- 16-gauge galvanized steel pan superstructure for three-dimensional rigidity.
- Three-piece baffle system with adjustable upper and lower dampers to regulate lighter- and heavier-than-air gases.
- Airfoil around full perimeter of sash opening, with electrical fixtures and plumbing controls mounted on bias surface.
- Side post electrical and plumbing knockouts in standard or ADA configuration.
- Unique front panel louver design facilitates linear, non-turbulent transition between face opening and bypass air.
- Removeable exterior side panels allow easy access to plumbing.
- Full frame, stainless steel vertical sash with integral stainless-steel finger pull
- Stainless steel sash guides, lower airfoil, duct collar.
- Sash/counterweight pulley system utilizing four 2½"-diameter pulleys for unexcelled smoothness and durability; full-width counterweight featuring "Tilt-Lock" for additional safety.
- LED light fixture – 2' or 4' (bulbs not included) with vapor-proof light glass sealed to top panel.

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### Optional Features

- Liner material – several non-asbestos materials to choose from.
- Auxiliary air bonnet – installs at front panel location to supply 70% of hood air from outside building. Requires its own blower and duct; moderate tempering of auxiliary air is recommended.
- Electrical switches and receptacles – pre-wired using U.L. listed components and meeting N.E.C. and the most stringent local codes
- Explosion-proof incandescent light fixtures for hazardous (classified) locations
- Service fixtures – remote control water and gas fixtures with chrome or epoxy-coated (colorcoded) outlets by WaterSaver; pre-piped to meet the most stringent local codes. Use of hard copper tubing with soldered unions assures joint integrity from factory to service hookup.
- Choice of sashes – vertical rising (standard); top-hung horizontal sliding; combination (vertical /horizontal); interlocking vertical (disappearing post)
- Sash stop
- Ceiling enclosure
- Air velocity monitor/alar
- Automatic sash closer
- Countertops – cast epoxy or stainless steel, dished, with service slots and sink cutout as specified
- Cabinets – complete line of painted metal laboratory casework, including hood base, acid storage and flammable storage cabinets
- Blowers – forward curved or backward inclined, selected to match hood and ductwork configuration and application; spark-resistant blowers with explosion-proof motors available for hazardous (classified) locations

### Standard Finishes

