



Westlab DISCOVERY Laboratory Fume Hoods

Features & Benefits



August 2024

Introducing the DISCOVERY Laboratory Fume Hoods

The DISCOVERY Laboratory Fume Hood range has been carefully designed to support scientists on the pursuit of the next break-through discovery. Involving the ultimate combination of features to ensure safety and longevity within the rigours of the laboratory environment.

Performance

Laboratories today need fume hoods that will keep up with the pace of discovery. Never has this been more important. Downtime is too costly. Air flow and containment must be maintained and corrosion which can cause contamination is not an option. Look to the DISCOVERY Laboratory Fume Hood to keep your lab operation at peak performance.

Safety

Exceeding SEFA 1 standards ensuring a consistent face velocity and maximum containment of hazardous fumes. Protection of staff and your lab environment is imperative.

Longevity

Designed, Engineered and Constructed in North America with the highest quality precision. Guaranteed to stand up to daily laboratory use. No compromise.

Westlab enables
the great
discoveries of
tomorrow.



DISCOVERY Laboratory Fume Hoods

Perfect for all standard laboratory applications. From educational settings to medium duty industrial applications this laboratory fume hood is designed to keep lab personnel safe from hazardous chemical fumes and ensure you keep focused on the next breakthrough discovery.



Features + Benefits

Chemical Resistant Liner

FRP interior fume hood liner to stand up to rigorous chemical usage.

Spill Prevention

Fume Hood lab work surfaces are dished to contain chemical spills within the hood.

Aerodynamic Airfoil

Precision engineered Airfoil directs airflow across the working area keeping lab personnel safe from hazardous fumes.

Pre-Installed Accessories

Accessories as a standard come pre-installed and tested, making connections simple and easy and reducing additional install cost required. This includes services and electrical components.

Certifications

All DISCOVERY Laboratory fume hoods are UL 1805 listed (electrical) and ASHRAE 110 Tested (Air Flow Safety) to ensure maximum safety.

Easy-Slide Sash

Full view sash provided an unobstructed view of the working area. A counterweight provides for one finger operation of the sash at any position.

Optional Additional Accessories

A wide range of additional accessories are available to support specific needs including:

- + Cup sinks
- + Mixing Faucets and DI Water Faucets
- + Electrical Outlets – 115V or 230V
- + Distillation Racks
- + Standard, Acid and Flammable Base Cabinets

Discovery Laboratory Hood

This is the standard general purpose hood for all applications.

DISCOVERY Ultimate Laboratory Fume Hoods

Tailored to withstand heavy acid usage and industrial applications. The DISCOVERY Ultimate Hoods have upgraded features including poly-coated componentry and digital air flow monitors. If your lab uses concentrated acids and focuses on high throughput activity, this is the laboratory fume hood for you.



Features + Benefits

Chemical Resistant Materials

FRP interior fume hood liner to stand up to rigorous chemical usage. Poly-coated duct collar to ensure resistance against concentrated acids.

Spill Prevention

Fume Hood lab work surfaces are dished to contain chemical spills within the hood.

Aerodynamic Acid-Resistant Airfoil

Precision engineered Airfoil directs airflow across the working area keeping lab personnel safe from hazardous fumes. The air foil is poly-coated to offer substantial resistance to corrosion from acids.

Pre-Installed Accessories

Accessories as a standard come pre-installed and tested, making connections simple and easy and reducing additional install cost required. This includes services and electrical components.

Certifications

All DISCOVERY Laboratory fume hoods are UL 1805 listed (electrical) and ASHRAE 110 Tested (Air Flow Safety) to ensure maximum safety.

Easy-Slide Sash

Full view sash provided an unobstructed view of the working area. A counterweight provides for one finger operation of the sash at any position.

Optional Additional Accessories

A wide range of additional accessories are available to support specific needs including:

- + Cup sinks
- + Mixing Faucets and DI Water Faucets
- + Electrical Outlets – 115V or 230V
- + Distillation Racks
- + Standard, Acid and Flammable Base Cabinets
- + Digital Air Flow Monitor

Discovery Ultimate Hood

This is the hood for heavy acid usage in industrial applications.

DISCOVERY Double-Sided Laboratory Fume Hoods

The most versatile fume hood for educational laboratory use. This laboratory fume hood offers viewing safety and flexibility of access from two rooms when placed between two rooms like a chemical preparation room and the classroom. Add locks and sash stops for additional measures to keep students safe.



Features + Benefits

Double Sided Access

Ideal for educational settings between preparation spaces. Instructor can prepare chemicals on one side and students can safely view the demonstration from the other.

Spill Prevention

Fume Hood lab work surfaces are dished to contain chemical spills within the hood.

Aerodynamic Airfoil

Precision engineered Airfoil directs airflow across the working area keeping lab personnel safe from hazardous fumes.

Pre-Installed Accessories

Accessories as a standard come pre-installed and tested, making connections simple and easy and reducing additional install cost required. This includes services and electrical components.

Certifications

All DISCOVERY Laboratory fume hoods are UL 1805 listed (electrical) and ASHRAE 110 Tested (Air Flow Safety) to ensure maximum safety.

Easy-Slide Sash

Full view sash provided an unobstructed view of the working area. A counterweight provides for one finger operation of the sash at any position.

Optional Additional Accessories

A wide range of additional accessories are available to support specific needs including:

- + Cup sinks
- + Mixing Faucets and DI Water Faucets
- + Electrical Outlets – 115V or 230V
- + Distillation Racks
- + Standard, Acid and Flammable Base Cabinets
- + Sash stops and locks

Discovery Double Sided Hood

For educational use between prep spaces and classrooms.

DISCOVERY Panorama Laboratory Fume Hoods

The ideal demonstration laboratory hood for engaging learning in the lab. One sided access for the instructor and viewing from 3 sides offers almost panoramic views of the science demonstration. Maximizes space and gives the most number of students ability to view a single experiment.



Features + Benefits

3-Sided Viewing

Ideal for educational settings for safe demonstrations. Instructor can prepare chemicals on one side and students can safely view the demonstration from two other sides.

Spill Prevention

Fume Hood lab work surfaces are dished to contain chemical spills within the hood.

Aerodynamic Airfoil

Precision engineered Airfoil directs airflow across the working area keeping lab personnel safe from hazardous fumes.

Pre-Installed Accessories

Accessories as a standard come pre-installed and tested, making connections simple and easy and reducing additional install cost required. This includes services and electrical components.

Certifications

All DISCOVERY Laboratory fume hoods are UL 1805 listed (electrical) and ASHRAE 110 Tested (Air Flow Safety) to ensure maximum safety.

Easy-Slide Sash

Full view sash provided an unobstructed view of the working area. A counterweight provides for one finger operation of the sash at any position.

Optional Additional Accessories

A wide range of additional accessories are available to support specific needs including:

- + Cup sinks
- + Mixing Faucets and DI Water Faucets
- + Electrical Outlets – 115V or 230V
- + Distillation Racks
- + Standard, Acid and Flammable Base Cabinets

Discovery Panorama Hood
For demonstration purposes
in classrooms.

Let's Talk

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