LAB SETUP AMERICA

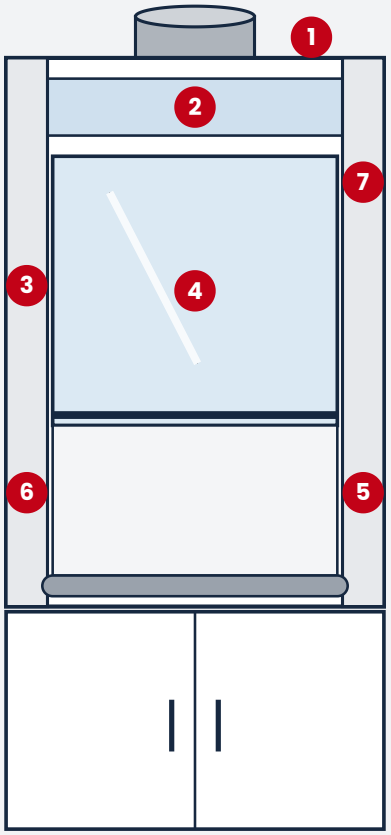
# CUSTOM DESIGNED Fume Hood



ICI JMP ISOLATOR SERIES

# Engineered Around Safety

Our custom fume hoods are built on the ICI Scientific Isolator platform, which pairs current fume hood design with proven architectural practice for effective fume containment. Every feature below comes standard, and many are not found on other brands.




**1 Stainless Steel Duct Collar**

Round collar at the top of the hood for a simpler connection to the exhaust system, with minimal pressure drop at the hood.

**2 View Panel & Line of Sight**

A glass view panel at the top shows the whole interior without stooping and lets more light in, for a much larger line of sight.

**3 Structural Frame Construction**

Structural pan ends and 6" straps carry the superstructure, so liners can be replaced without taking the hood apart, and the hood can be knocked down if site conditions require it.

**4 Tempered Sash Glass**

Standard tempered glass, seven times more impact-resistant than laminated safety glass. It won't crack or discolour under heat.

**5 Positive-Lock Access Panels**

Overlay, positive-lock fire-containment panels seal more reliably than gasketed panels and can't fall out and act as a chimney in a fire.

**6 Shallow Airfoil Posts**

Flat 5" posts with an integral airfoil edge give more usable interior workspace and a shallower footprint in the lab.

**7 Chain & Sprocket Sash Drive**

Lifetime-warranted drive, tested beyond 1 million cycles without failure, in place of the cable-and-pulley drives used on most hoods.

## CERTIFICATIONS & STANDARDS

| UL / CSA 1805 | ASHRAE 110 | SEFA 1 | SEFA 8 |
|---|---|---|---|
| Listed | Certified | Certified | Meets or exceeds chemical resistance |

CUSTOMIZATION

# Configured to Your Specifications

Start with a proven standard hood, then add only what your lab needs. Depths, electrical and accessories can all be customized to suit your lab.




Isolator Gen5 bench hood with base cabinets

FROM A RECENT PROJECT

Fume hoods were customized with **removable airfoils** to meet the client's requirements.

**STANDARD**

**Interior depth:** 24" and 30" clear interior

**Receptacles:** one standard receptacle on each post

## CUSTOM OPTIONS

**Additional Depths**
Interior depths beyond the standard 24" and 30" to suit your equipment and process.

**Additional Receptacles**
More receptacles on the posts beyond the standard one per post.

**220V Receptacles**
Higher-voltage power for equipment operated inside the hood.

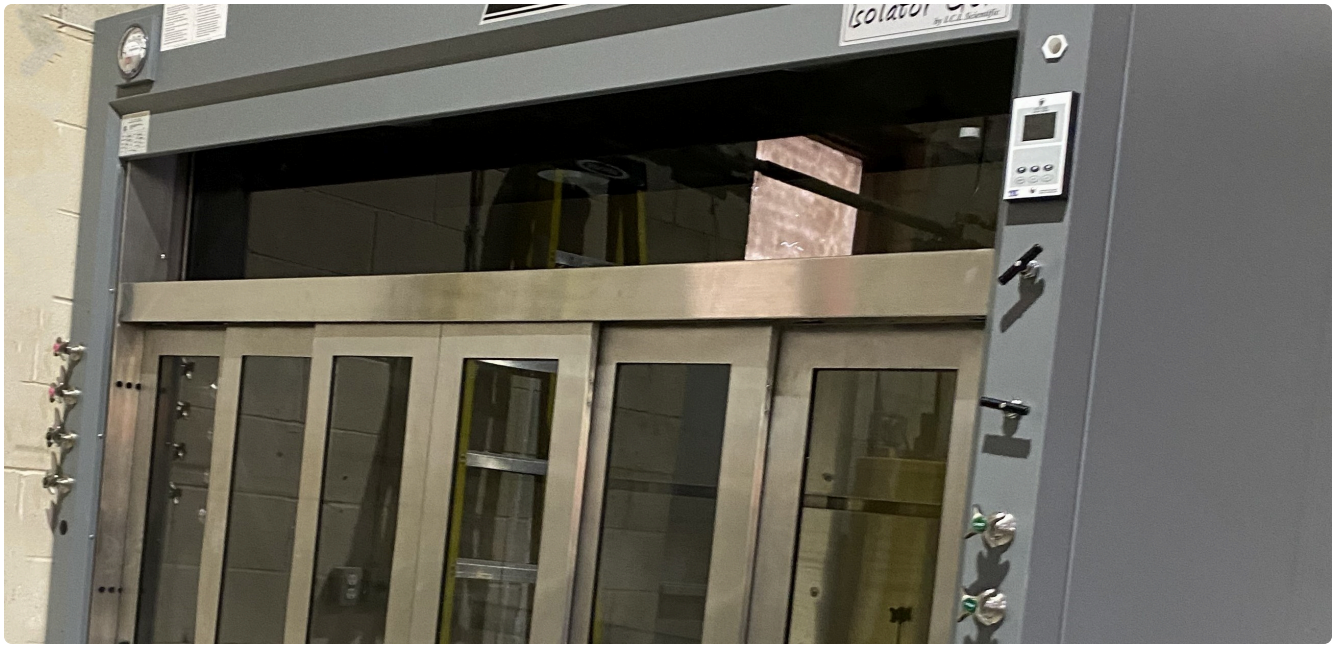
**Explosion-Proof Fittings**
Explosion-proof electrical fittings for hazardous-location applications.

**Stainless Steel Unistruts & Grounding Bars**
Interior support framing, grounding bars and similar accessories.

CUSTOM DESIGNED

# Built for Your Lab

Every lab is different. We size and configure each fume hood to your room, your process and your exhaust system, then coordinate it from layout through installation.



## HOW IT WORKS

**01 Consultation**
We review your application, chemicals, room and mechanical requirements.

**02 Layout & 3D Renderings**
Preliminary layouts and 3D renderings so you can see the hood in your space.

**03 CAD / BIM Drawings**
AutoCAD and BIM resources for your architect and engineers.

**04 Coordination Through Install**
Manufacturing, delivery and site coordination until your hood is installed.

## WHAT WE NEED TO QUOTE

- ☐ **Hood type** – bench, floor-mounted / walk-in, or other
- ☐ **Size** – width, height and interior depth (24", 30" or custom)
- ☐ **Sash** – vertical, horizontal or combination
- ☐ **Chemicals & process** – to select the liner material
- ☐ **Services & electrical** – gas, air, vacuum, water, receptacles (standard, 220V or explosion-proof)
- ☐ **Exhaust** – airflow, face velocity and duct details
- ☐ **Base cabinets & worksurface** – storage and top material
- ☐ **Drawings** – room layout or architectural plans

**Full fume hood specifications.** For complete information on ICI Isolator fume hoods, including CAD/BIM files and catalogs, visit **www.iciscientific.com**

LAB SETUP AMERICA

LET'S DESIGN YOUR

# Fume Hood

Send us your layout and requirements, and our team will put together a custom fume hood solution for your lab.



LAB SETUP AMERICA

**www.lsamerica.com**

Quotes and project support

FUME HOOD INFORMATION

**www.iciscientific.com**

Specifications, catalogs and CAD/BIM files

Authorized Distributor for ICI Scientific: Lab Setup America