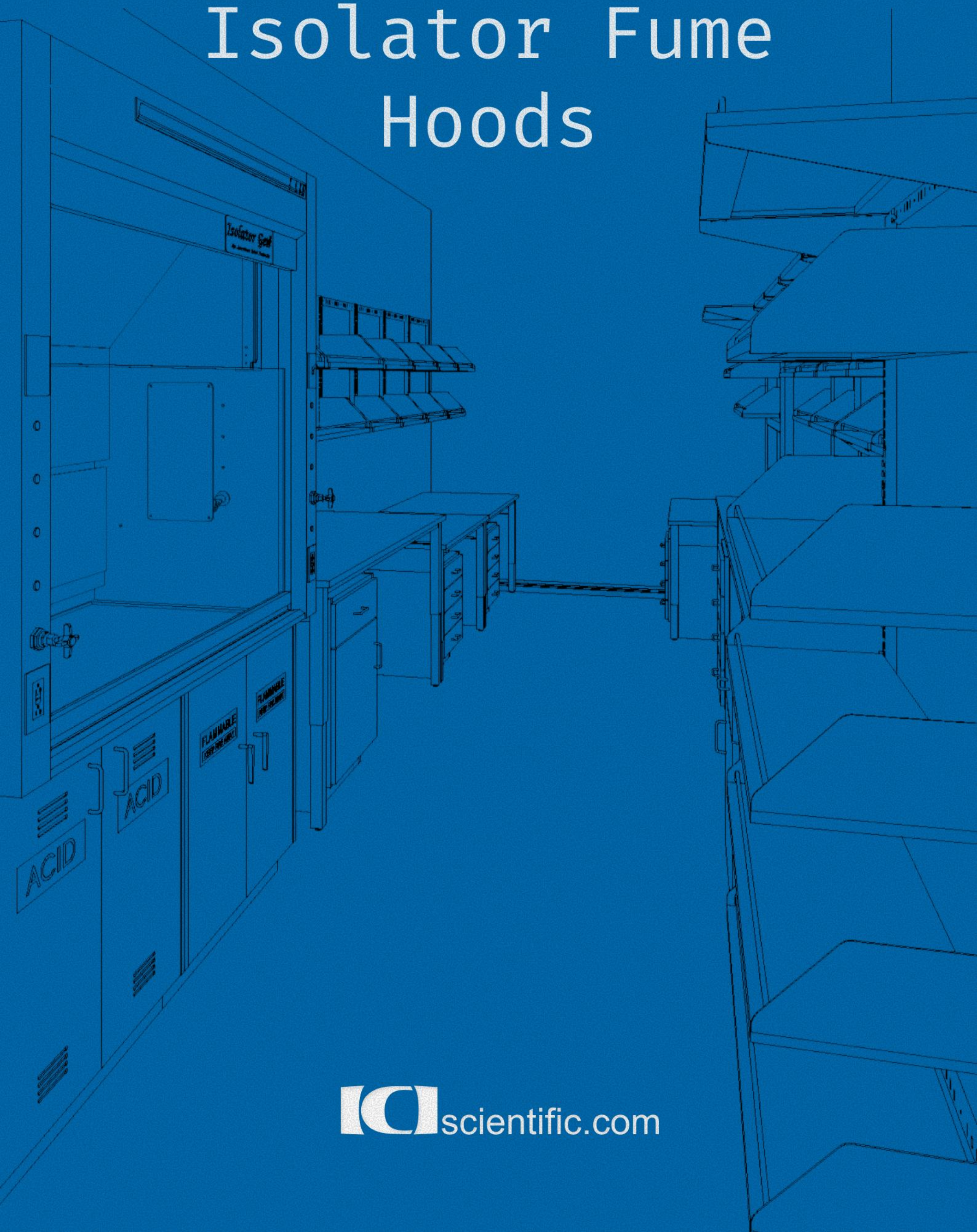


Isolator Fume Hoods





JMP Isolator Fume Hoods

ICI Scientific's Jamestown Metal Products fumehoods combine stylish design with safety. Each fume hood is designed to keep lab staff and students safe and healthy, day after day, even in the event of an accident. Jamestown Metal Products fume hoods are constructed to surpass the rigors of laboratory environments. For commercial, industrial, and research applications, ISOLATOR™ is the fume hood you buy For Life.

ICI Scientific helps today's young scientists grow up safely with science

ICI Scientific Gen5 Series fume hoods are also designed with a safety focus. Isolator Gen5 ADA fume hoods offer the K-12 market the highest containment protection possible for the lowest capital investment.

JMP Isolator Family

ICI Scientific's Jamestown Metal Products fume hoods for every environment

- Bench hoods
- High line hoods
- Distillation hoods
- Floor mounted hoods
- Student stations
- Custom sizes
- Plug and play hoods

INTRODUCING ISOLATOR

ISOLATOR combines innovations in fume hood design with accepted architectural practices to deliver unsurpassed safety. While competitors bond their liners to outside support structures, ICI Scientific utilizes a 6" metal channel construction for unmatched safety and durability.

ISOLATOR - The Fume Hood You Buy for Life

Fingertip Sash Operation

Depend on smooth, one-finger sash operation every day - even in the event of an accident. The ISOLATOR's rugged chain-and-sprocket driven counterbalance system is engineered for exceptional durability, safety, and reliability, and has been tested for more than one million cycles to ensure longterm performance.

Highest Sightline in the Industry

The ISOLATOR's innovative dual-purpose viewpass system combines the trusted bypass functionality of traditional louvered panels with unmatched visibility throughout the entire hood interior. An upper glass view panel allows users to see from the work surface all the way to the hood ceiling without stooping, improving ergonomics, visibility, and safety during critical processes. The added glass area also increases light penetration into the hood workspace, creating a brighter and safer working environment. While this feature may be optional on competing products, it comes standard on every ISOLATOR fume hood.

Tempered Sash Glass

ICI Scientific uses tempered glass as the standard sash material, offering up to seven times greater impact resistance than laminated safety glass. Unlike laminated glass, tempered glass will not crack, haze, or discolor when exposed to heat, ensuring long-lasting clarity and durability.

INTRODUCING ISOLATOR

Positive-Lock Access Panels

ISOLATOR fume hoods feature overlay-style, positive-lock fire containment access panels designed to provide a superior seal compared to traditional gasketed panels. This design eliminates the risk of panels shifting out of place and creating a "chimney effect" during a fire event – a potential issue with standard gasketed systems.

Stainless Steel Duct Collar

A round stainless steel duct collar comes standard at the top of every ISOLATOR fume hood, simplifying the transition into mechanical duct systems while minimizing static pressure loss at the hood connection.

Shallow Airfoil Posts

ICI Scientific's standard fume hood design incorporates flat side posts with integral airfoil edges, creating a shallower exterior profile and maximizing usable interior workspace. At only 5 inches thick, these posts free up valuable laboratory real estate while delivering improved airflow performance and greater operator comfort.

Industry Certifications

ISOLATOR fume hoods are independently tested and certified to meet or exceed the industry's most demanding standards, including:

- UL/CSA 1805 Listed
- ASHRAE 110 Certified
- SEFA 1 Certified
- Meets or exceeds SEFA 8 chemical resistance standards
- Available with specified 1" work surface materials to meet a wide range of laboratory applications and project requirements.





Isolator High Performance F-350 Series

ICI Scientific's high-performance Isolator[®] chemical exhaust fume hoods are engineered to deliver uncompromising safety, exceptional containment, and long-term reliability in a user-focused design. Utilizing a precision-balanced perforated plenum chamber, advanced aerodynamic engineering, a unique low-static integral duct transition, and controlled sash positioning, the Isolator[®] creates superior airflow management and consistent containment performance. Designed to meet or exceed ASHRAE 110 containment standards, the Isolator[®] provides laboratories with the confidence, protection, and performance demanded by today's most critical research and industrial environments.

The Details

- Chemically resistant urethane-epoxy hybrid powder-coated steel exterior for superior durability and long-term performance
Engineered for high performance airflow at 60 FPM with the sash open 24" and 80 FPM at 18" open
- Low-static pressure integral duct transition for improved exhaust efficiency CFD-engineered baffle pressurization system optimized for maximum containment and airflow performance
- High-density service post configuration for maximum utility integration
- Flush sill design with integral secondary containment trough for enhanced spill protection and ease of use
- Seamless homogenous poly-resin lined interior for exceptional chemical resistance and simplified cleaning
- SEFA 8 compliant chemical-resistant construction
- Exceeds ASHRAE 110-1995 containment performance standards
- Proudly made in the USA UL 1805 Listed

Backed by a three-year manufacturer warranty
Lifetime warranty on sash drive system



ICI Scientific

American-Made. Science-Proven.

ICI Scientific Isolator family of fume hoods is manufactured in the United States and engineered to meet the demands of research environments. Built on ICI's full frame unibody platform with our innovative chain and sprocket drive mechanism, every hood is designed to deliver a lifetime or faithful service.

Built to Perform

ICI Scientific and CampbellRhea are a member of the Scientific Furniture & Equipment (SEFA) organization and active with key partners such as AWI and U.L.

ICI Scientific & CampbellRhea is:

- American manufactured in Tennessee
- Minimum 25% recycled on steel content
- Eco-friendly material content and finishes
- Recyclable after its lifetime of use
- SEFA compliant
- Fully integrated with all ICI family of products



Made in America

Inventive, Sustainable Designs Working with Natural Resources while Maintaining the Ecological Balance
Contributes toward U.S. Green Building Council's LEED Program.

ICI Premier Wood

- a. No Added Formaldehyde
- b. Optional Steel Drawers & Shelves
- c. Low VOC Flat-Line Finishes
- d. Low VOC Powder Coat

ICI Steel Casework Collection

- a. Minimum 25% Recycled Steel
- b. Eco-friendly Powder Coat Finishes
- c. Recyclable After Lifetime of Use

ICI Premier Wood

- a. No Added Formaldehyde
- b. Optional Steel Drawers & Shelves
- c. Low VOC Flat-Line Finishes
- d. Low VOC Powder Coat



SUSTAINABILITY GUARANTEED