

Supreme Air



LABORATORY Fume Hoods

KEWAUNEE[®]

...encouraging new discovery

SUPREME



Stainless Steel H05
Fume Hood with
Vertical Rising Sash



LV05 Low Constant
Volume Fume Hood



Kewaunee designs, engineers, and manufactures fume hoods for every lab application. From our energy saving Supreme Air LV and Dynamic Barrier designs, to specialty hoods for education and other custom applications, Kewaunee's Supreme Air Fume Hoods meet the challenge for today's modern laboratory.

AIR FUME HOODS

Kewaunee's Fume Hood Offering

- Traditional Constant Volume
- VAV
- LV - Low Constant Volume
- Dynamic Barrier – Ultra Low Flow
- ADA Accessible
- Full Access Walk-in
- Isotope
- Perchloric Acid
- Distillation
- Demonstration
- Teaching
- Custom Enclosures
- Liners:
 - KMER Epoxy Resin
 - Kemglass – FRP
 - Stainless Steel
 - Phenolic Resin



H30 Walk-in
Fume Hood

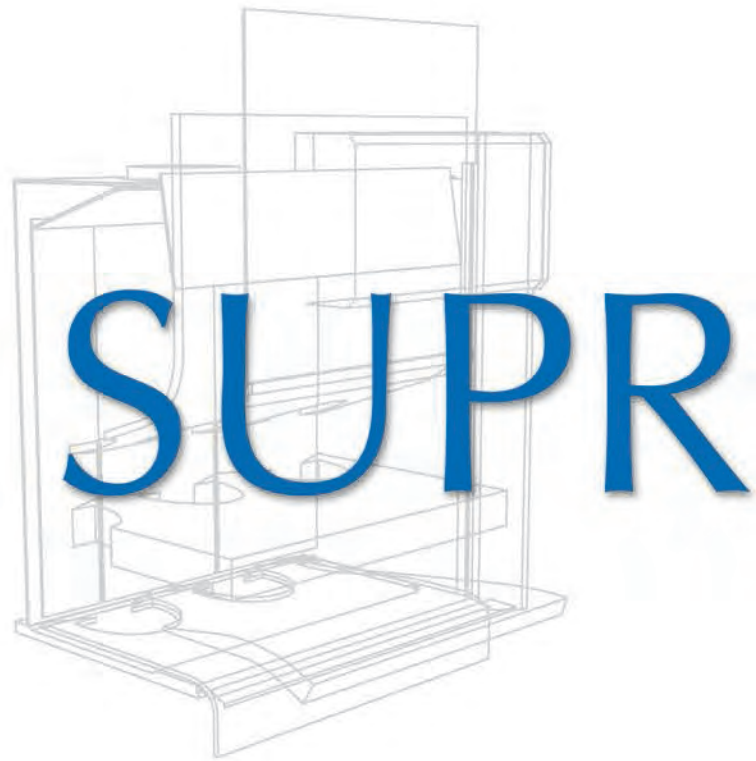


H05 Vertical Rising
Sash Bench Hood



Safe, Energy Efficient Design

- Designed for full containment at 55 fpm
- Provides safe operation in all sash positions
- Patented, self-closing sash to 18" for maximum protection
- Patented Dynamic Barrier bypass provides safe flow of clean air between experiment and user
- Unique interstitial, vertical slot baffles for turbulence free airflow and minimal upper vortex roll
- Spoiler shaped sash handle directs air away from user
- ASHRAE 110 1995
- UL 1805 and 61010A-1

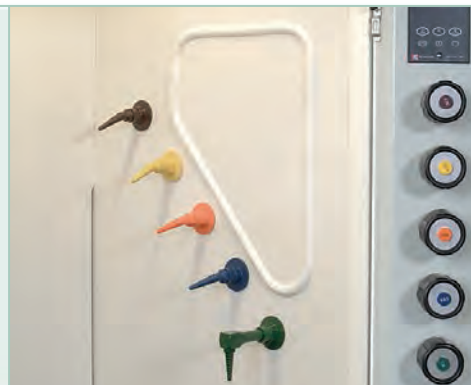


User Friendly Design

- Patented flush sill airfoil
- Sash hold-open feature for set-ups
- 35-1/2" unobstructed sight line
- Staggered service outlets
- Patented anti-splash cupsink
- Easily removable rear baffles
- Cord access through sash handle
- Stainless steel cable reinforced nylon sash belt and sprocket



Patented rear outlet, anti-splash cupsink mounts at front of hood.



Unique triangular gasketed access panel with staggered service outlets.

Supreme Air LV
KEWAUNEE SCIENTIFIC CORPORATION

EME AIR LV



Stainless
Steel cable
reinforced
nylon sash belt
and sprocket

TESTING



Kewaunee's world class fume hood testing facility provides our engineers and customers a computer controlled environment for evaluating actual fume hood performance. Kewaunee's Supreme Air Fume Hood line is tested to ASHRAE 110 1995 and ANSI AIHA Z 9.5 standards. In addition, we are capable of testing fume hoods in compliance with several international standards.

Fume Hood Testing

- ASHRAE 110 1995
- ANSI AIHA Z 9.5
- As manufactured
- As installed
- Dynamic testing
- VAV simulations



CUSTOM FUME HOODS AND ENCLOSURES

Kewaunee specializes in the manufacture of custom fume hoods and enclosures. Our engineers are experts in designing containment enclosures to meet specific applications.



- Custom sized fume hoods
- Robotic enclosures
- Equipment enclosures
- Custom Walk-in enclosures
- Mobile fume hoods



EDUCATIONAL HOODS



Tru-View Teaching Hood

- Full visibility design
- Single or double sided
- Angled front sash
- Sectional add-on feature
- ASHRAE 110 1995



Duo-Vision Demonstration Hood

- Full visibility design
- Double sided access
- Not ASHRAE 110 1995 compliant
- Not UL listed

Kewaunee Fume Hood Types and Options

Standard Fume Hood Types	
LV05	High Performance Bench Fume Hood with Self Closing Vertical Rising Sash
H50	Ultra Low Constant Volume Bench Fume Hood with Telescoping Combination Vertical Rising/Horizontal Sash
H05	General Purpose Bench Fume Hood with Vertical Rising Sash
H07	Combination Sash Bench Fume Hood with Combination Vertical Rising/Horizontal Sash
H08	ADA Bench Fume Hood with Vertical Rising Sash
H09	ADA Bench Fume Hood with Combination Vertical/Horizontal Sash
H10	Split Sash Bench Fume Hood with Split Vertical Rising Sash with Disappearing Center Post
H20	Isotope Bench Fume Hood with Vertical Rising Sash
H25	Perchloric Acid Bench Fume Hood with Vertical Rising Sash
H70	Horizontal Sash Bench Fume Hood with Four Panel Horizontal Sash
HOP	HOPEC Style Bench Fume Hood with Combination Vertical Rising/Horizontal Sash
H52	Ultra Low Constant Volume Walk-in Fume Hood with Low-flow Combination Vertical Rising/Horizontal Sash
H30	General Purpose Walk-in Fume Hood with Vertical Rising Sash
H32	Combination Sash Walk-in Fume Hood with Combination Vertical Rising/Horizontal Sash
H34	Horizontal Sash Walk-in Fume Hood with Three Panel Horizontal Sash
H36	Distillation Fume Hood with Vertical Rising Sash

Standard Fume Hood Options

Open By-Pass
 Restricted By-Pass
 KMER Liner
 Kemglass Liner
 Stainless Steel Liner
 Phenolic Resin Liner
 Auxiliary Air Chamber
 Adjustable Baffles
 Single Point Adjustable Baffles
 Distillation Rack
 Fire Extinguisher
 Additional GFI Receptacles
 Front Load Fittings
 Pre-Wired / UL Listed
 Pre-Plumbed
 Safety Shield
 T8 Fluorescent Light Ballast
 Vapor Proof Light
 Explosion Proof Light
 Air Alert 600 Alarm
 Air Alert 300 Alarm
 Stainless Steel Deflector Vane
 Stainless Steel Sash Handle
 Sight-Tight Chevron Grill
 Vision Panel
 Frameless Safety Glass Sash
 Frameless Tempered Glass Sash
 Framed Safety Glass Sash
 Framed Tempered Glass Sash
 Stainless Steel Safety Glass Sash
 Stainless Steel Tempered Glass Sash
 Tissue Screen
 Stainless Steel Duct Collar
 Gravity Sash Stop
 Work Shelf Supports

Kewaunee Scientific Corporation is dedicated to manufacturing high quality products for the laboratory marketplace. We offer Total Laboratory Solutions, Innovative Designs, and Technological Expertise with a worldwide distribution network to provide laboratories that are truly World Class!

For our complete product offering, specifications, catalogs, brochures, case studies, and distributor list, go to www.kewaunee.com, or contact your local sales representative.



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