

# Supreme Air Venturi

Laboratory Fume Hoods



KEWAUNEE<sup>®</sup>

encouraging new discovery... *Worldwide*

# VENTURI

## The Next Generation Fume Hood

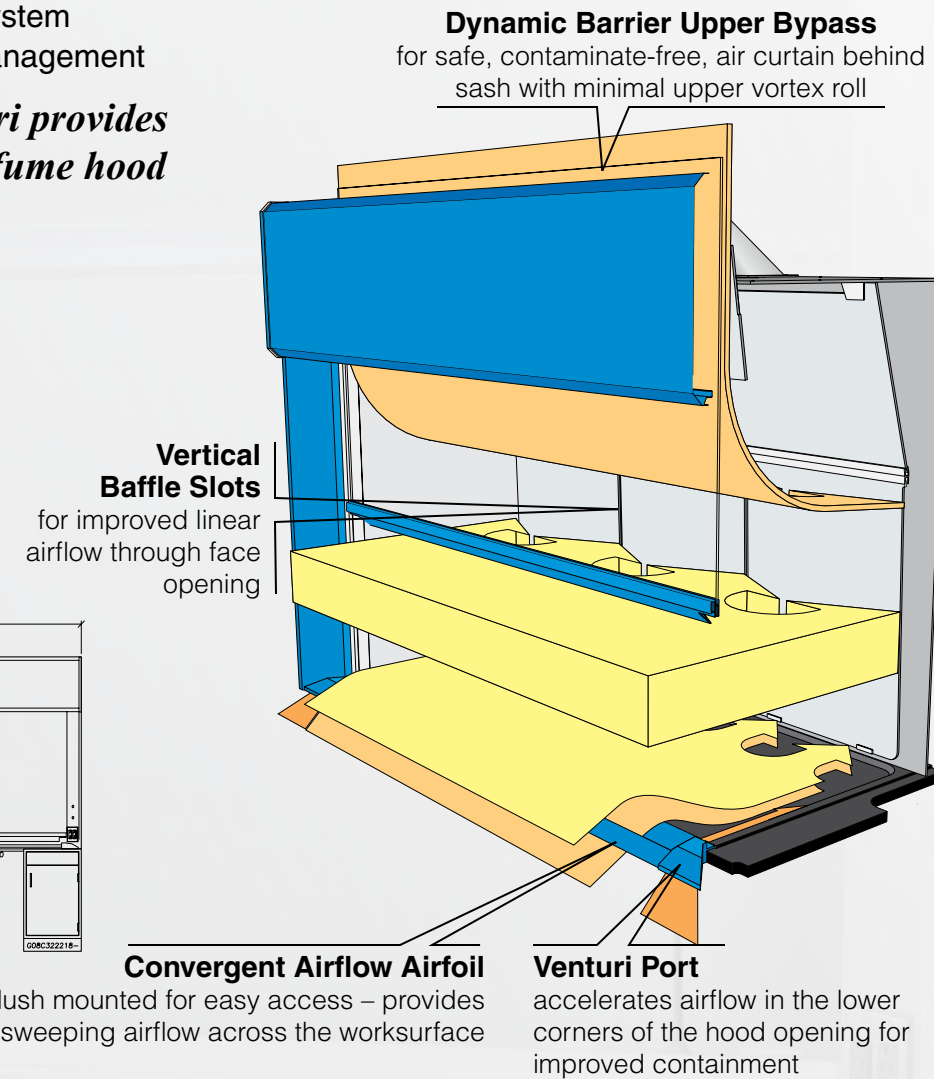
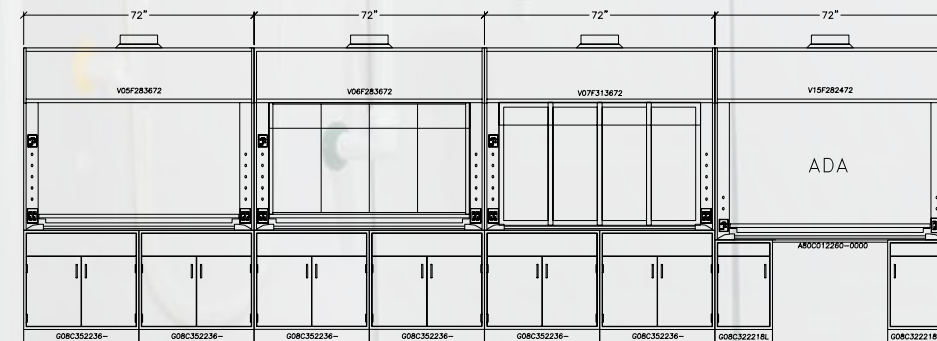
- Unparalleled Venturi enhanced containment technology
- Electromechanical sash stop
- LED lights with color and intensity adjustability
- Unique ultra-smooth sash system
- Exceptional viewing height
- Flush airfoil
- High performance/energy efficient
- Multiple heights, depths and widths
- Full range of accessories and options
- ADA hood height matches adjacent hoods

## The most technologically advanced fume hood on the market

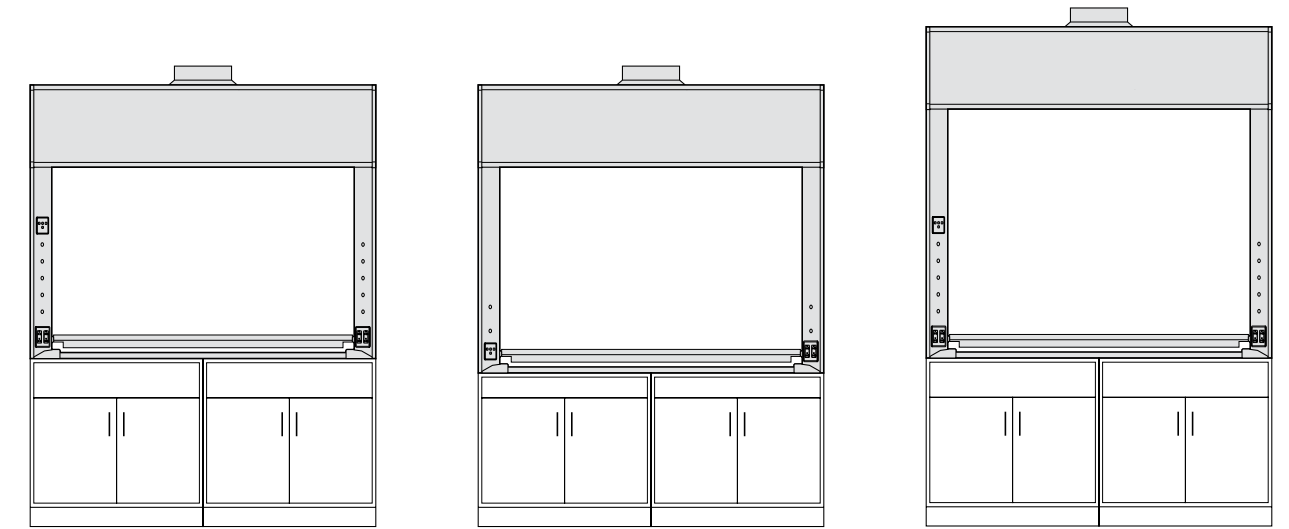
The Supreme Air Venturi utilizes proven containment enhancing techniques coupled with innovative laboratory convenience features.

- Adjustable LED lights
- Electromechanical sash stop
- Ultra-smooth sash system
- Push-button sash management

*The Supreme Air Venturi provides the safest user friendly fume hood manufactured today.*

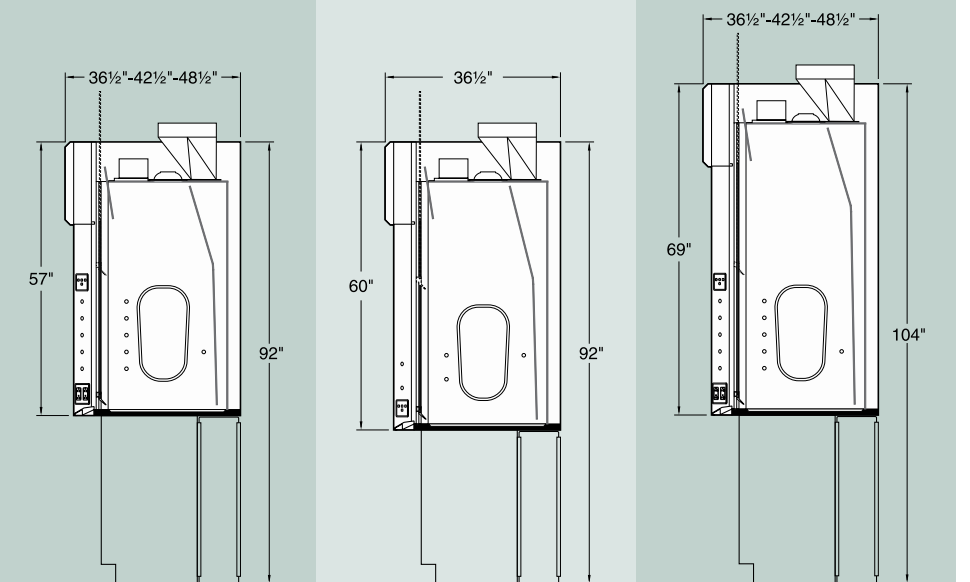


## Venturi Fume Hood Types



General Purpose Bench Hood      ADA Bench Hood      LX Series Bench Hood

	Sash Configurations	Sash Configurations	Sash Configurations
Vertical Sash	•	•	•
Combination Sash	•	•	•
Horizontal Sash	•	•	•
Liner Options	Liner Options	Liner Options	Liner Options
KMER	•	•	•
Kemglass	•	•	•
Phenolic Resin	•	•	•
Type 304L Stainless Steel	•	•	•
Type 316L Stainless Steel	•	•	•
<b>Sash Opening Heights</b>	28"	28"	28" - 35"
<b>Inside Depths</b>	24" - 30" - 36"	24"	24" - 30" - 36"
<b>Overall Lengths</b>	48" - 60" - 72" - 96"	48" - 60" - 72"	48" - 60" - 72" - 96"



### Venturi Effect

"A short tube with tapering constriction in the middle that causes an increase in velocity of flow...or creating suction." *Oxford Dictionary*

Giovanni Batista Venturi - (1746-1822)

The Venturi Port accelerates the airflow in the lower corners of the hood opening. *patent pending*



Vertical Rising Sash with Automatic Sash Operator



Vertical Rising Sash Bench Hood

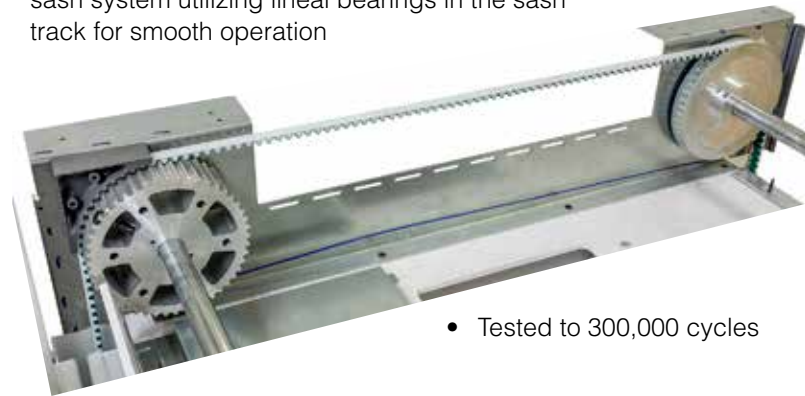
# Venturi Fume Hood Features



Light & Sash Stop Controller

## Belt Driven Sash & Pulley System

- No maintenance, dual shaft, belt and gear driven, sash system utilizing lineal bearings in the sash track for smooth operation



- Tested to 300,000 cycles



## General Features

- Unparalleled containment
- Low flow/high performance
- Energy efficient
- Venturi post design improves corner airflow
- 38 1/2" viewing height
- LED interior lighting with 15 intensity and 3 color settings
- Electromechanical sash stop integrated into sash track
- Flush airfoil for easy access
- Easily removable gasketed access panels
- Two GFCI protected duplex receptacles in each corner post
- Room for five service fittings per side post
- Sash handle notched at each end for cord pass-through



Venturi Port & Notched Sash Handle

# Kewaunee Venturi Fume Hood Types and Options

Venturi Fume Hood Types	
V05	<b>General Purpose Bench Fume Hood</b> with 28" Frameless Vertical Rising Sash Depth: 24"-30"-36" Length: 48"-60"-72"-96"
V06	<b>Combination Sash Bench Fume Hood</b> with 28" Combination Vertical Rising/Horizontal Sash Depth: 24"-30"-36" Length: 48"-60"-72"-96"
V07	<b>Horizontal Sash Bench Fume Hood</b> with 31" Frameless Four Panel Horizontal Sash Depth: 24"-30"-36" Length: 48"-60"-72"-96"
V15	<b>ADA Bench Fume Hood</b> with 28" Frameless Vertical Rising Sash Depth: 24" Length: 48"-60"-72"
V16	<b>ADA Bench Fume Hood</b> with 28" Combination Vertical/Horizontal Sash Depth: 24" Length: 48"-60"-72"
V25	<b>LX Series Bench Fume Hood</b> with 28" & 35" Frameless Vertical Rising Sash Depth: 24"-30"-36" Length: 48"-60"-72"-96"
V26	<b>LX Series Bench Fume Hood</b> with 28" & 35" Combination Vertical/Horizontal Sash Depth: 24"-30"-36" Length: 48"-60"-72"-96"

## Standard Options

- KMER Liner
- Kemglass Liner
- Stainless Steel Liner
- Phenolic Resin Liner
- Laminated Safety Glass Sash
- Tempered Safety Glass Sash
- Rod Controlled Needle Valve Fittings
- Rod Controlled Ball Valve Fittings
- Front Load Needle Valve Fittings
- Variable Air Volume (VAV) By-pass
- Air Alert 600 Alarm
- Air Alert 300 Alarm
- Sash Stop Label
- Distillation Rack
- Safety Shield
- Tissue Screen
- Specification Grade GFCI Receptacles
- Hospital Grade GFCI Receptacles
- Fan/Blower Switch
- Pre-wired
- Pre-plumbed
- Stainless Steel Airfoil
- Stainless Steel Sash Pulls
- Stainless Steel Duct Collar
- Cord Port
- Auto Sash Return
- Auto Sash Operator

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