scientific

Fume Hoods

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ICI Scientific Introduction

History - Since 1951

Institutional Casework Inc. (ICI Scientific) is uniquely positioned to serve your complete project needs from steel, stainless steel, or custom wood laboratory and science casework to equipment, fixtures, work surfaces and fumes hoods.

ICI is privately owned, ensuring a primary focus on quality. This focus enables us to build a strong connection with our customers, employees, distributors and suppliers.

Introducing ICI Scientific - specifically designed and positioned to meet the requirements of Tier One laboratory specifications. ICI Scientific brings your preliminary concept to life; assisting from design through installation in partnership with our world-wide distributor network; delivering post-sale service and support through the lifetime of our products.

ICI Scientific is your single source for a complete laboratory. With brands steeped in a rich history, ICI Scientific is uniquely positioned to provide the complete laboratory project. Being privately owned, we ensure our primary focus is on quality, without the distraction of fluctuating stocks. We are focused on building a strong connection with employees, dealers, distributors, customers and end users.

All levels of laboratories and learning environments are created at ICI through flexibility, function, innovation and design.

American Made

ICI's multiple manufacturing facilities comprise 450,000 sq. ft. with 250 associates; ICI Scientific is a global provider of American Made products.

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Fume Hood Selection Chart

	F100 Series Standard	F200 Series Walk-in/D30	F-350/F210 Series High Performance
Applications & Considerations	Our most popular style hood made to suit General Chemistry and Biology.	Designed to be used with large apparatus', equipment, or storage of barrels. This floor mounted hood has more clearance than any other hood offered.	Offers energy savings and performance, using as low as 60 FPM compared to the industry standard of 100 FPM.
Sash Type	• F-100: Frameless Vertical • F-101: Combo • F-102: Horizontal • F-103: Framed Vertical	• F-200: Frameless Vertical • F-201: Combo • F-202: Horizontal • F-203: Framed Vertical	• F-350/210: Frameless Vertical • F-351/211: Combo • F-353/213: Framed Vertical
Full Sash Opening	28"	66 1/2"	24"/66 1/2"
Half Sash Opening	18"	18"	18"
VAV/CAV (Variable Air Volume/ Constant Air Volume	Standard: CAV Optional: VAV (Easy field conversion between the two)	Standard: CAV Optional: VAV (Easy field conversion between the two)	Standard: CAV Optional: VAV (Easy field conversion between the two)
Standard Liner Material	White Fiberglass Reinforced Polyglass (FRP)	White Fiberglass Reinforced Polyglass (FRP)	White Fiberglass Reinforced Polyglass (FRP)
Exterior Widths Available	36", 48", 60", 72", 96", 120", 144"	48", 60", 72", 96", 120", 144"	48", 60", 72", 84", 96"
Clear Interior Depths	24" and 30"	24", 30", 48"	24" and 30"
ADA Option	Yes	No	Yes/No
Certifications and Standards	UL 1805 ANSI/ASHRAE 110-2016 CSA Z316.5-04 SEFA 1 2010	UL 1805 ANSI/ASHRAE 110-2016 CSA Z316.5-04 SEFA 1 2010	UL 1805 ANSI/ASHRAE 110-2016 CSA Z316.5-04 SEFA 1 2010
FPM	100	100	60-80

Fume Hood Selection Chart

F400 Series Radioisotope	F500 Series Perchloric	F600 OS Height	F-EXP II Series Educational
This hood includes an easy to clean stainless steel coved liner for working with radioactive particles.	This is the only hood suitable for use with perchloric acid and includes a coved stainless steel liner, integral trough and wash down system.	Typically used in the pharmaceutical industry, this over sized bench mounted hood allows large items to be located within the hood.	Typically used in colleges and universities as a demonstration hood. The epoxy urethane coated liner is best used with chemicals that will not corrode steel.
• F-400: Frameless Vertical • F-401: Combo • F-403: Framed Vertical	• F-500: Frameless Vertical • F-503: Framed Vertical	• F-600: Frameless Vertical • F-601: Combo • F-602: Horizontal • F-603: Framed Vertical	• Single
28"	28"	34"	30"
18"	18"	18"	18"
Standard: CAV Optional: VAV (Easy field conversion between the two)	Standard: CAV Optional: VAV (Easy field conversion between the two)	Standard: CAV Optional: VAV (Easy field conversion between the two)	Standard: CAV Optional: VAV (Easy field conversion between the two)
Type 304 or 316 Stainless Steel Liner, baffles, with coved corners and work surface	Type 316 Stainless Steel Liner, baffles, and work surface with coved corners and integral trough and wash down system	White Fiberglass Reinforced Polyglass (FRP)	Single: Epoxy Urethane Coated Steel Double: Epoxy Urethane Coated Steel with Glass back
36", 48", 60", 72", 96"	36", 48", 60", 72", 96"	36", 48", 60", 72", 96"	48", 60", 72"
24"	24"	24" and 30"	24"
No	No	No	Yes
UL 1805 ANSI/ASHRAE 110-2016 CSA Z316.5-04 SEFA 1 2010	UL 1805 ANSI/ASHRAE 110-2016 CSA Z316.5-04 SEFA 1 2010	UL 1805 ANSI/ASHRAE 110-2016 CSA Z316.5-04 SEFA 1 2010	UL 1805 ANSI/ASHRAE 110-2016 CSA Z316.5-04 SEFA 1 2010
100	100	100	100

Fume Hood Overview

Presenting the ISOLATOR Series

The ISOLATOR combines the newest innovations in fume hood design with accepted architectural practices to achieve the most unique approach to fume containment in the world. Many of our standard features cannot be found on other fume hoods. The ISOLATOR's most outstanding attribute is safety.

Safety from Fumes
ANSI/ASHRAE 110-2016, the current fume hood test, evaluates the containment of fume hoods under three conditions:

1. Zero movement (relatively static conditions)
2. Rapid sash movement
3. Perimeter containment around the airfoil, sash stop and side posts

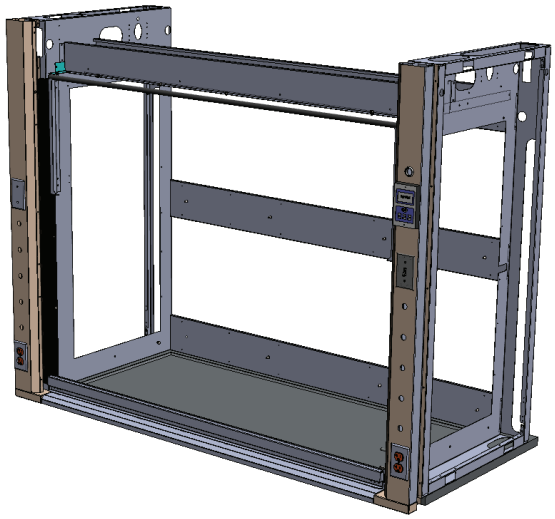
Safety from Fire
One of the most feared accidents that can occur inside a fume hood is an uncontrolled fire. The ISOLATOR has a full metal superstructure and a steel top to afford an extra layer of protection against the collapse of the fume hood interior during a fire plus a tempered glass sash and viewpass that resists thermal cracking up to 250° Fahrenheit (higher than safety glass).

Safety from Sash Failure
A typical sash and counterweight system uses galvanized steel or stainless steel cables to connect the sash to the counterweight. If these cables fray, snap or pull loose from their connecting points, the elevated sash and counterweight could come crashing down. A fume hood sash may weight up to 150 lbs. The ISOLATOR sash system is chain driven, not cable drive. This counterbalancing system has been tested to 1,000,000 cycles without failure. It carries a lifetime guarantee.
Aside from these significant safety features, the ISOLATOR also is a very user-friendly safety device with the following features:
Fingertip sash operation - the rugged chain driven counter weight system has the smoothest operating sash in the industry
Viewpass system - a dual purpose panel that allows the same bypass function as the traditional louvered metal panel. Events inside the fume hood can be monitored all the way from the worktop to the roof via the smoked glass transparent panel
Aerodynamic sash handle - sash handle style that aids in the containment of fumes during rapid sash movement

How the ISOLATOR is Different

Metal Superstructure
The ISOLATOR liner and baffle system is attached to a galvanized steel pan structure to ensure the most stable, fire resistant and easy-to-service fume hood superstructure in the work. Other manufacturers of fume hoods use frames of L-angles to join liner panels together. In most of these framing systems, the liner itself becomes a key load-bearing element of the fume hood superstructure. Any fire or other stressful event inside the fume hood that weakens a framed liner system can lead to an actual implosion of the containment cavity with resulting disastrous consequences.
Since the basic design begins with full metal pans as a superstructure, the liner is truly a liner, not structural as in other hoods. This makes it feasible to change liners or liner types in the field in the case of a damaged liner or a significant change in use and it is much easier to relocate the fume hood should it become necessary.

"Knocked Down" (KD) Style Construction
The ISOLATOR's galvanized pan system is the heat of our "Knocked Down" assembly strategy. THe ISOLATOR is the only fume hood made in the United States whose standard models are all shippable "Knocked Down". This option not only affords more moving and storage options on cluttered job sites but a lower source cost than assembled units. Two trained installers can completely assemble a KD ISOLATOR within two hours.



The Viewpass
The viewpass is a revolutionary system utilizing a tempered glass panel to create a bypass. This replaces the older style louvered steel panel used by other manufacturers. Because there is no direct path between this bypass slot and the suspended ceiling cavity common in many labs, bypass air is taken from the lab under all sash positions, even if the hood top is soffeted into the hung ceiling.
For increased safety, this system also affords excellent visual monitoring of the entire containment cavity, a feature not standard on any other fume hood.

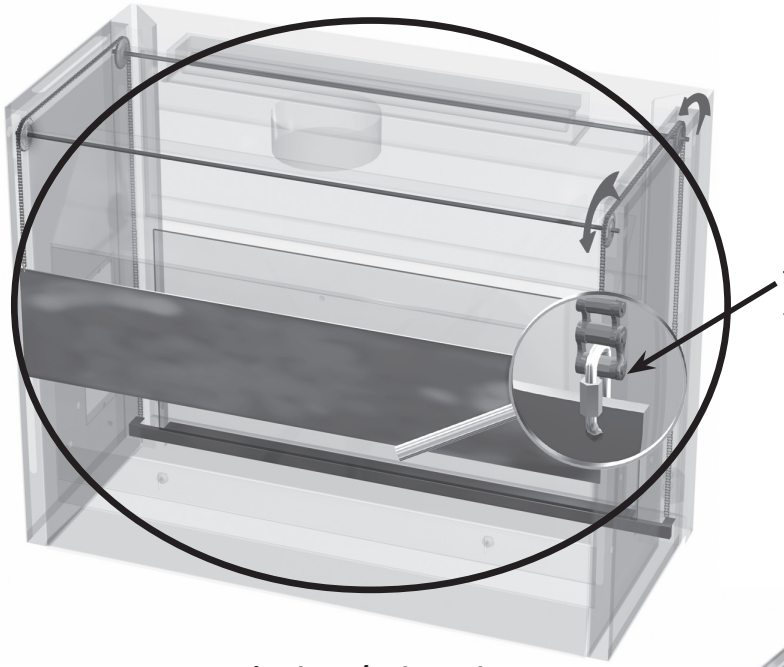
How the ISOLATOR is Different

ISOLATOR Sash/Counterweight System

The ISOLATOR's heavy duty gear/chain/bearing components, designed to be virtually indestructible, are integrated into our unique four wheel drive sash counterweight system - assuring you of a lifetime of reliable and safe performance. We guarantee it.*

The steel chain used in the ISOLATOR's counterweight system has bending flexibility as an inherent feature of the chain, plus only two directional changes occur with each chain's motion.

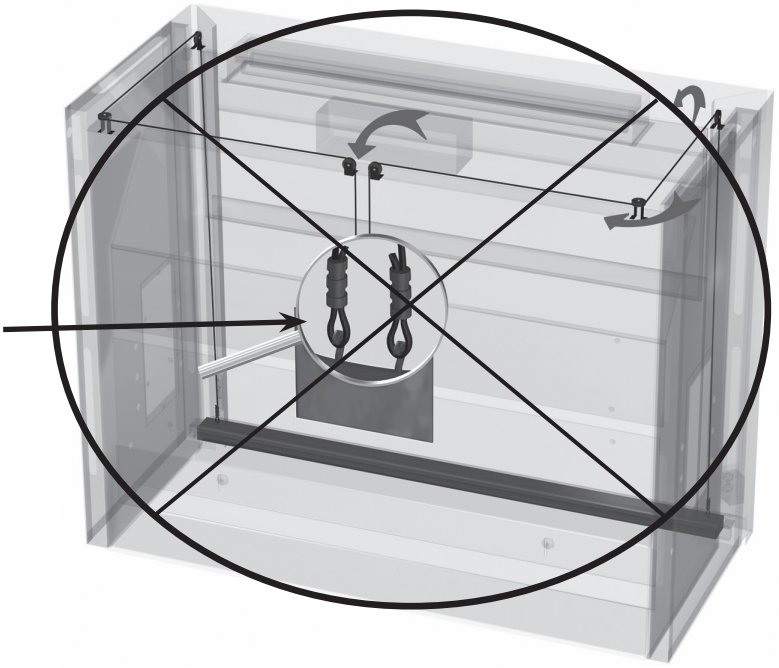
The ISOLATOR's unique system ensures ease of operation and non-binding performance for enhanced safety. Fume hood operators can be sure that quick sash closure and adjustment is always possible and always with fingertip control.



The ISOLATOR employs a positive attachment from the chain to both the sash handle and the counterweight

ISOLATOR's Chain/Axle Sash System

The other stress point most susceptible to breakage is the crimped attachment point of the cable to the counterweight



Typical Cable/Pulley Sash System

*Lifetime warranty covers the sash mechanism. Sash mechanism refers to the #35 case-hardened steel chain, sealed bearings, drive axles, sprockets and chain attachment points at both sash handle and counterweight.

Fume Hood Selection Guide

Fume hoods are a critical piece of safety equipment. Your choice may impact the safety and comfort of working in your lab. When selecting a fume hood, you should consider:

Containment

Containment is the ability of the fume hood, and the related HVAC system, to keep your procedures inside the hood, safely away from the operator. The newest ASHRAE (American Society of Heating, Refrigerating and Air Conditioning Engineers) standard, ANSI/ASHRAE 110-2016, is the most comprehensive evaluation of a fume hood's containment.

All fume hoods use test data based on the ASHRAE 110-2016 criteria. This evaluation demonstrates how well a hood performs for static containment, rapid sash movement and perimeter containment.

The ACGIH (American Council of Governmental and Industrial Hygienists) recommends a 4.0 AM 0.1 PPM tracer gas static containment rating. The standard 6' ISOLATOR averages 0.002 PPM which exceeds the recommended level by a factor of 50 (factor derived by dividing 0.1 PPM by the ISOLATOR's 0.002 PPM). The ISOLATOR's high efficiency baffle system delivers a uniform face velocity with $\pm$ 10% or less variance.

The ISOLATOR provides a higher level of containment that goes beyond just containing fumes. The standard tempered glass increases resistance to breakage from heat and impact. The steel pans provide a metal superstructure that greatly increases the hood's ability to withstand fire and explosion. While these events are unlikely, it is good to know that when working with the ISOLATOR, you have the greatest degree of integral protection of any standard hood on the market.

Noise Levels

Working at a noisy hood for long periods can be more than a distraction. Much of this noise is generated by the HVAC system itself. The ISOLATOR has been designed not to contribute to the noise level and has tested at substantially lower sound levels than the 65db reported by other manufactures. In addition to the lower noise levels, the combination of CFM (cubic feet per minute) and static pressure make the ISOLATOR very energy efficient. Lower CFM at 100 FPM translates into less consumption of conditioned air. Non-round duct collars further aid in reduced noise levels due to static pressure reduction.

Primary Functions

In addition to containment, other functions such as sash operation must be considered. The operation of the sash is one of the most common interfaces with a hood. You can't get any better than the ISOLATOR. Unlike cable driven sash systems which can fail in as few as 25,000 cycles, our chain driven system has been tested in excess of 1,000,000 cycles without failure. Our sash will not bind or jam. We are so sure of this performance, we guarantee our sash mechanism, for life. Ask the others to do that with their sash systems.

Appearance

Another factor important to our users is appearance. The word used most often to describe the ISOLATOR is "High Tech". Our innovative design eliminates the metal louvered top airfoil and replaces it with a glass bypass. This, along with the use of stainless steel, gives the ISOLATOR the sleek, clean lines that will enhance the look of any laboratory.

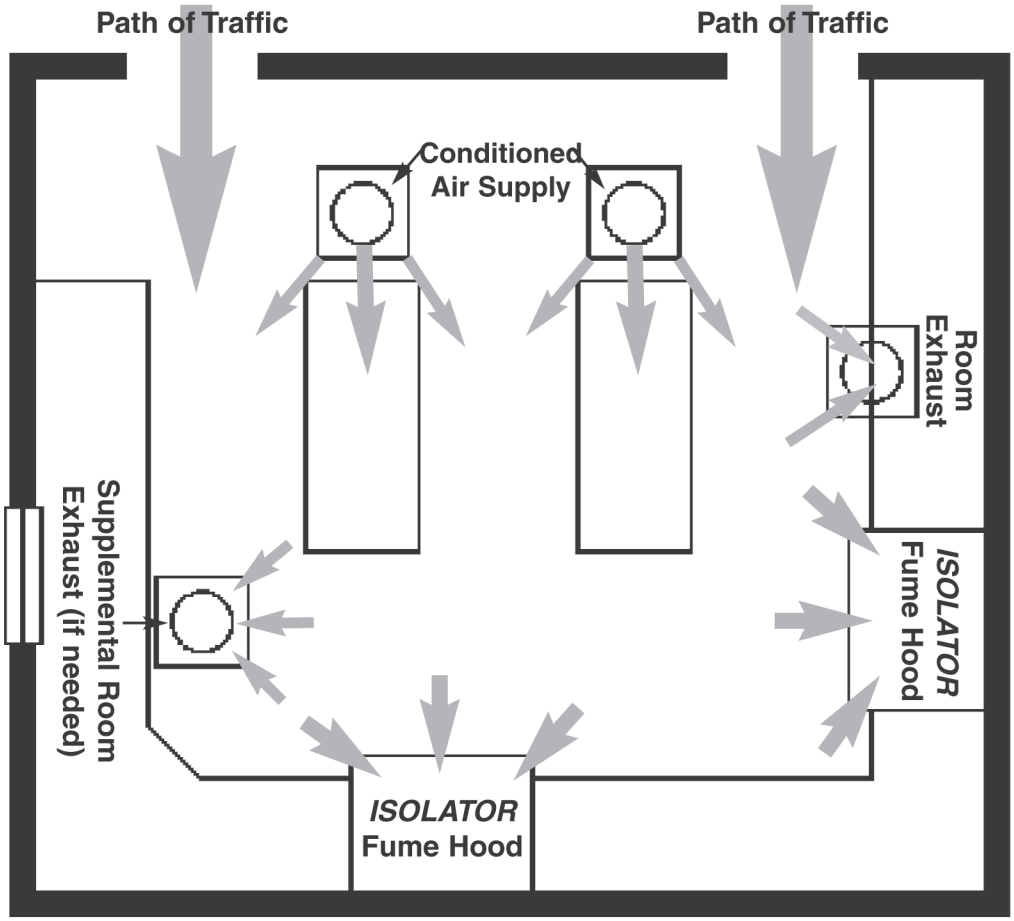
Fume Hood Selection Guide

Location Planning

The planned location of the fume hood within the laboratory affects both the safety and convenience of the user and the airflow patterns of the room. The fume hood must be properly located within the laboratory and must allow the users to safely and efficiently perform their tasks. Keep these basics in mind when planning your space:

1. Hoods should not be located near operable windows, doors or air conditioning registers because potential cross drafts will interfere with the airflow into the hood.
2. Never locate the hood adjacent to an exit or where the user would be forced to work in a high traffic area.
3. If a common exhaust or supply system is used for several hoods, the fume hoods should be arranged to require a minimum amount of ductwork.
4. Hoods used in conjunction with a heating or air conditioning system as room exhaust should generally be located on the opposite side of the room from the inlet registers (see diagram for an example). The air from the registers should sweep through the laboratory first, then be exhausted through the hood for both safety and HVAC efficiency.

Keep hoods away from heavy traffic patterns



Note: In this sample diagram, the ISOLATOR fume hoods are used in conjunction with the laboratory HVAC system as room exhaust.

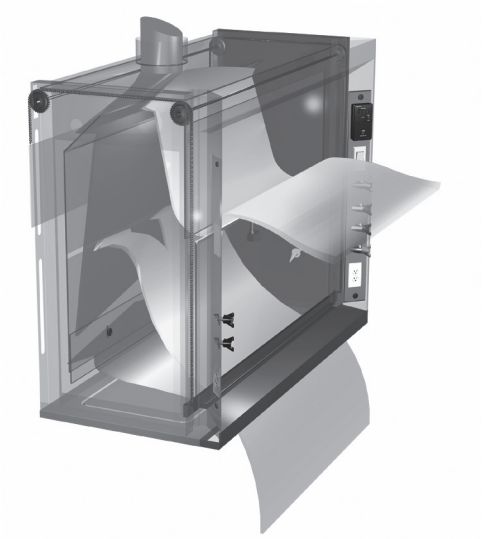
Fume Hood Selection Guide

Constant Air Volume Fume Hoods

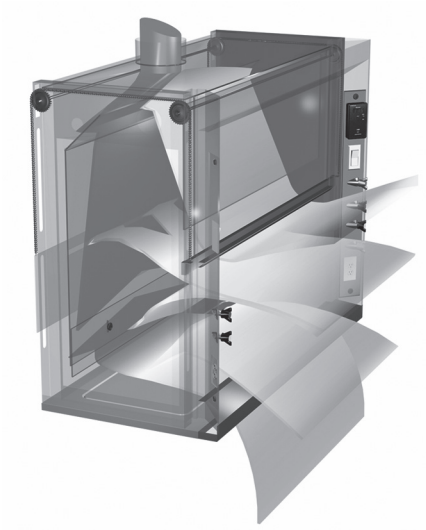
Constant Air Volume (CAV) fume hoods always extract air at the same rate, or CFM (cubic feet per minute). In a CAV hood, an alternate air route is opened as the sash is lowered. This alternate route is called a bypass. The air speed through a partially opened sash could approach 1000 FPM without such a bypass opening. This prevents very high air velocities which could cause problems within the hood.

Capabilities and Drawbacks

1. Simple to design and construct.
2. Will generally provide very safe containment without design complexity.
3. Allows experiments to proceed safely at any sash position.
4. Can be expensive to operate because of exhaust volumes. On average, a 6' fume hood can exhaust 630 million cubic feet of air per year.
5. Requires large initial expenditure on ductwork and a lab heating/cooling capability sufficient to keep up with the exhaust rate.
6. Difficult to retrofit such systems into laboratories where the installation of extra exhaust of HVAC support is difficult.



CAV Fume Hood
Sash Closed



CAV Fume Hood
Sash Open

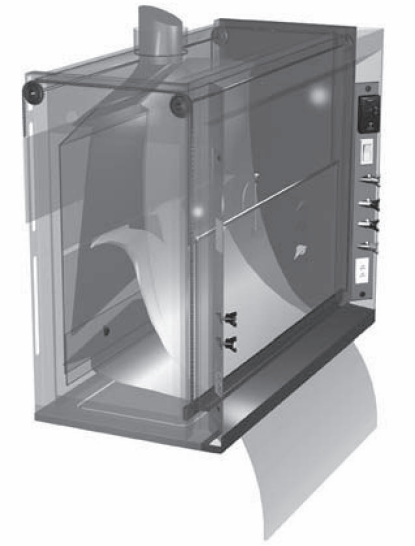
Fume Hood Selection Guide

Variable Air Volume Fume Hoods

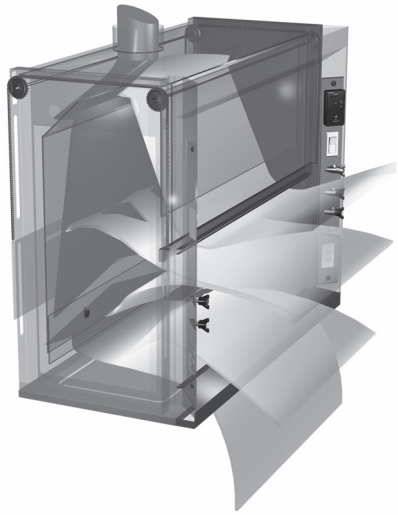
Variable Air Volume (VAV) fume hoods extract an air volume necessary to maintain a specified fume hood face velocity (usually 100 FPM), regardless of sash position, by utilizing either a restricted or completely closed bypass. These fume hoods use dramatically less exhaust air if the sash is kept closed and therefore have the potential of reducing air conditioning/heating costs.

Capabilities and Drawbacks

1. Can save between 10% and 50% of exhaust volume (based on end-user cooperation on keeping the sashes closed).
2. Can reduce initial HVAC costs on large facilities because the supporting HVAC can be downsized from requirements for a CAV system
3. Since exhaust requirements are less, VAV systems are sometimes easier to retrofit since duct sizes of both make-up and exhaust systems may be substantially smaller
4. A more complex system than CAV, the control systems will add cost to initial construction and maintenance.
5. Some VAV systems have response time difficulties; when sashes are opened, the fume hood exhaust CFM may not immediately increase to the required level, resulting in a temporarily low face velocity and possible loss of containment.
6. Some experiments that produce large quantities of acidic or flammable vapor or heat will overtax the reduced exhaust rate of a VAV hood with the sash closed and may create corrosion of internal equipment, explosion hazards, cracked safety glass or singed liners.



VAV Fume Hood
Sash Closed



VAV Fume Hood
Sash Open

Fume Hood Description & Applications

Bench Hood
Fume hood with 48" high clear interior on a 36" high bench top. Used for general chemistry applications. This is the most common hood type.

ADA Hood
Bench hood with user operated controls located at handicapped accessible locations. ADA standards require a reduction in plumbing services. Must be partnered with accessible furniture solutions.

High Performance Hood
The high performance fume hood is designed with energy conservation in mind and is ideally suited for environments in which less volume of air is desired. The ICI fume hood has been independently tested and proven to perform at face velocities at between 60 and 63 FPM without auxiliary devices. These are available in both bench (350 series) and floor mounted (210 series).

Floor Mounted Hood
A floor-to-ceiling hood with an 84" high clear interior and 62" clear sash opening. Available with twin vertical sashes, combination or horizontal sash. Used with chromatography, distillations, pilot plant mock-ups, vat drudge preparation and other large equipment procedures.

Radioisotope/Biochemical Hood
Bench hood with coved 304 grade stainless steel interior for use with isotopes or biologicals that must be thoroughly cleaned. Used with titration, iodination, isotope analysis, necropsy and viro-biological sample processing.

Perchloric Acid Hood
Bench hood with coved 316 grade stainless steel interior and baffle washdown system with trench drain. For use with perchloric acid which forms unstable perchloric and organic peroxides that may become contact explosives. Water neutralizes these chemicals which allows for their disposal.

O.S. Height Hood
Bench hood which that is taller than the traditional bench hood. The O.S. series delivers all the same options as the bench hood in a 12” taller package.

Explorer II Bench Hood
This fume hood is ideal for demonstration environments in the educational setting. The sleek design with tempered glass sides and optional tempered glass rear panel can be used in wall and island conditions to allow full visibility for instructors.

F-100 Gen-5 Bench Fume Hood

F-100 Isolator Gen-5 Bench Fume Hood - Frameless Vertical Sash

ISOLATOR Gen-5 Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5 bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel handle. Optional laminated safety glass or polycarbonate available for special applications. Hood has a frameless vertical sash with a 42"exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

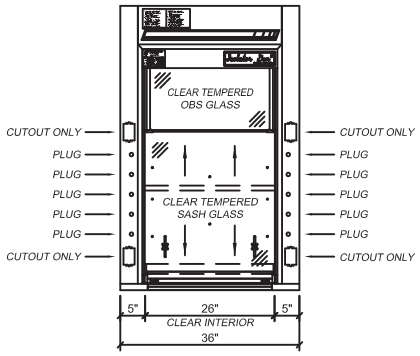
Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

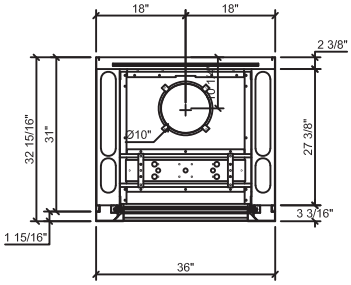
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

Rendering shown with optional features

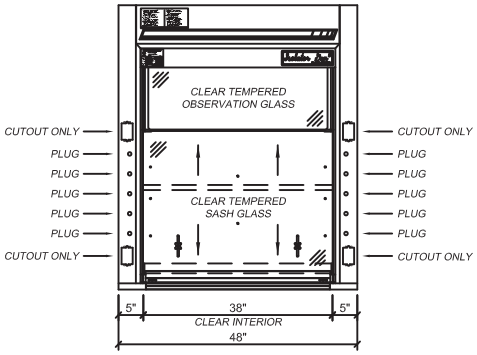
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM
F-100-36G5	36"	24"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-100-36G5D30	36"	30"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-100-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-100-48G5D30	48"	30"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-100-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-100-60G5D30	60"	30"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-100-72G5	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP
F-100-72G5D30	72"	30"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP
F-100-96G5	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP
F-100-96G5D30	96"	30"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP

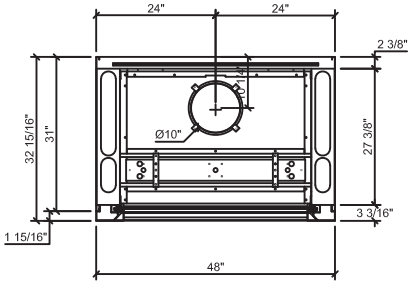
F-100-36G5 - 36" Wide



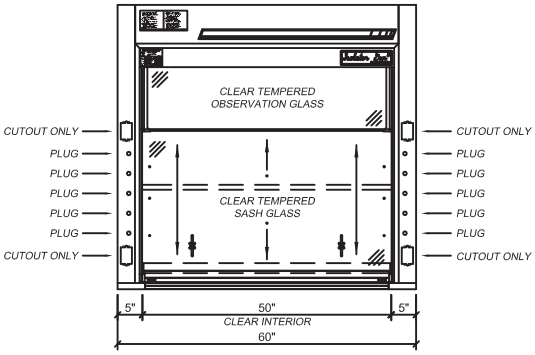


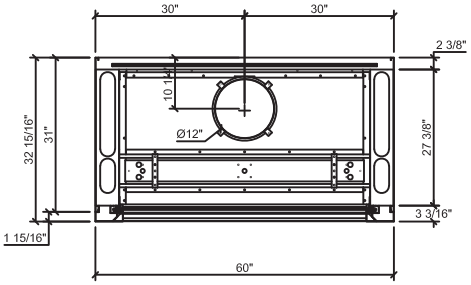
F-100-48G5 - 48" Wide





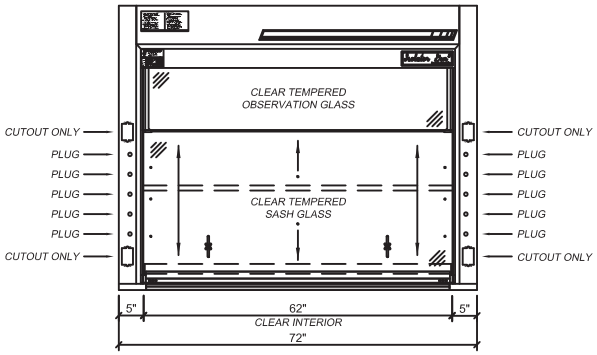
F-100-60G5 - 60" Wide

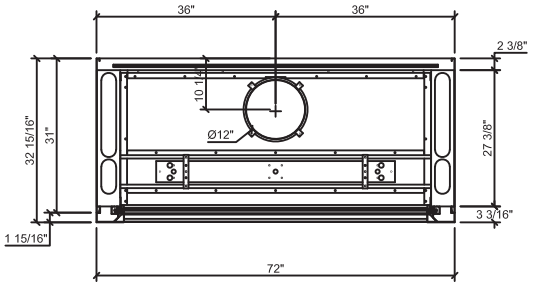




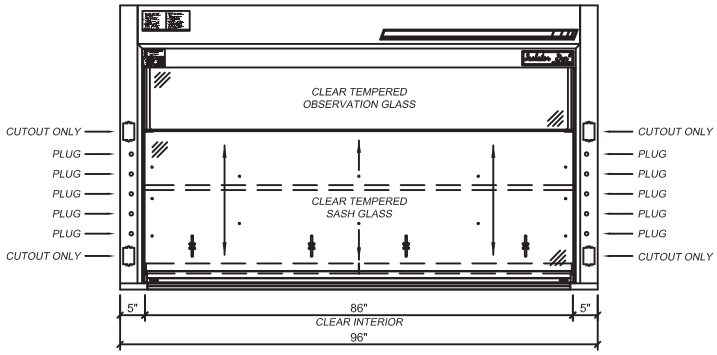
F-100 Gen-5 Bench Fume Hood

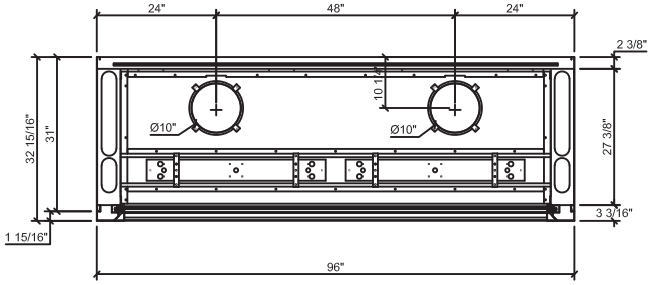
F-100-72G5 - 72" Wide



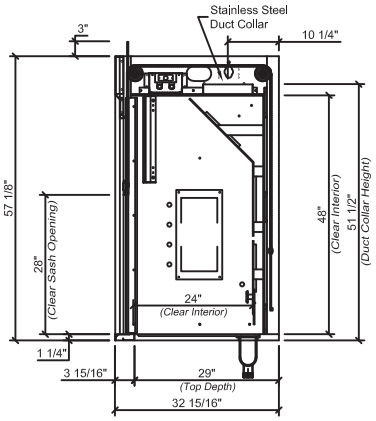


F-100-96G5 - 96" Wide

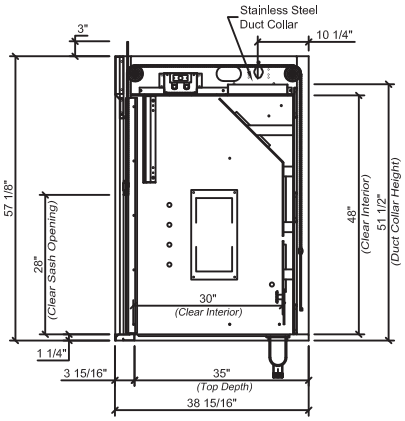




Section - Standard Depth



Section - 30" Deep



F-100 Isolator Gen-5 ADA Bench Fume Hood - Frameless Vertical Sash

ISOLATOR Gen-5ADA Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5-ADA bench mounted fume hood is supplied with the following standard features in a handicapped accessible form:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel handle. Optional laminated safety glass or polycarbonate available for special applications. Hood has a frameless vertical sash with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of one plumbing fitting per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

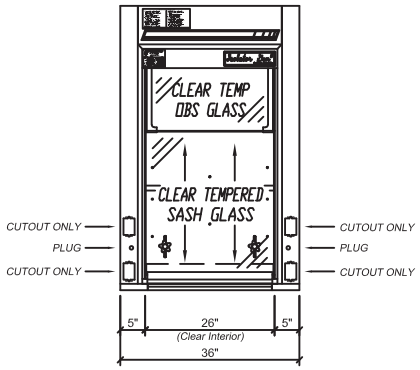
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

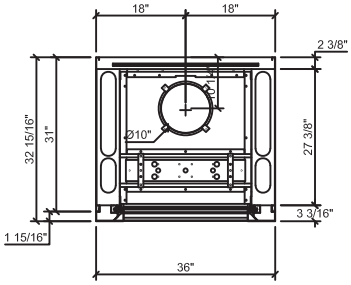
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM
F-100-36G5-ADA	36"	24"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-100-48G5-ADA	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-100-60G5-ADA	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-100-72G5-ADA	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP
F-100-96G5-ADA	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP

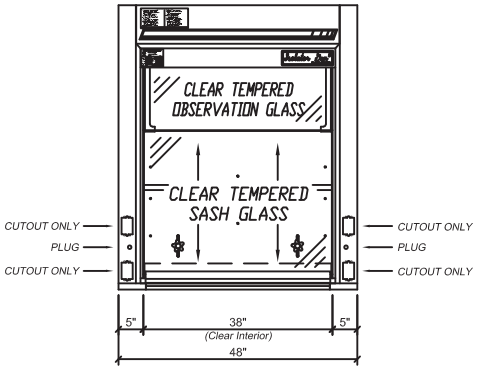
F-100 Gen-5 ADA Bench Fume Hood

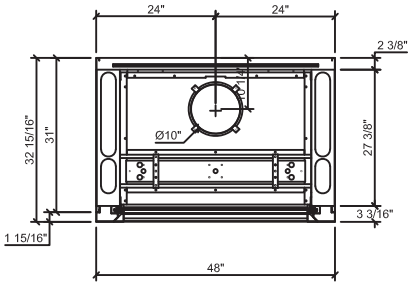
F-100-36G5-ADA - 36" Wide



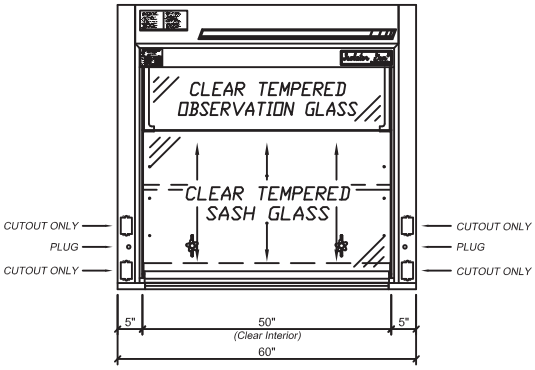


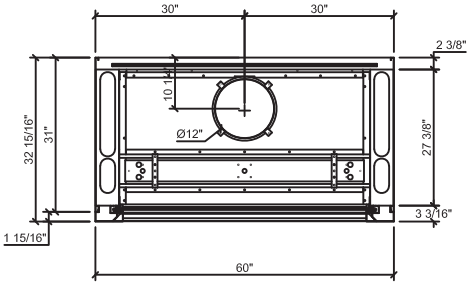
F-100-48G5-ADA - 48" Wide



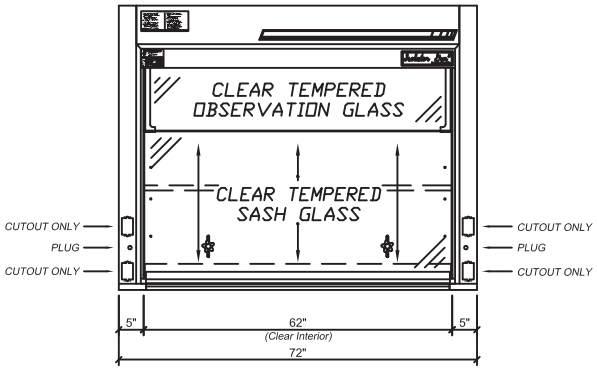


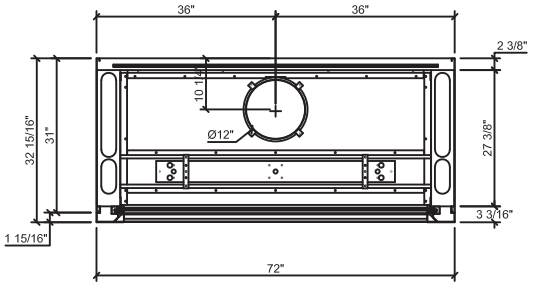
F-100-60G5-ADA - 60" Wide



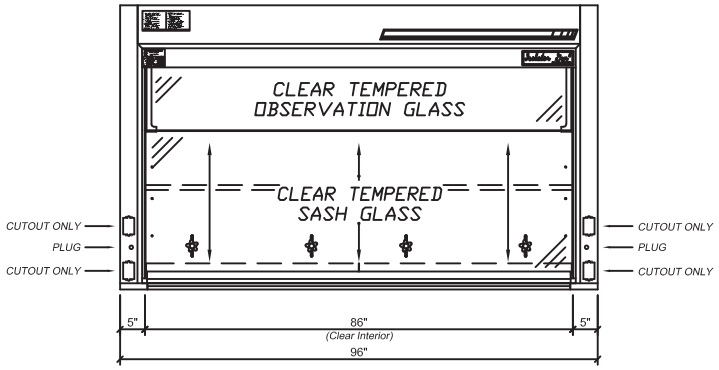


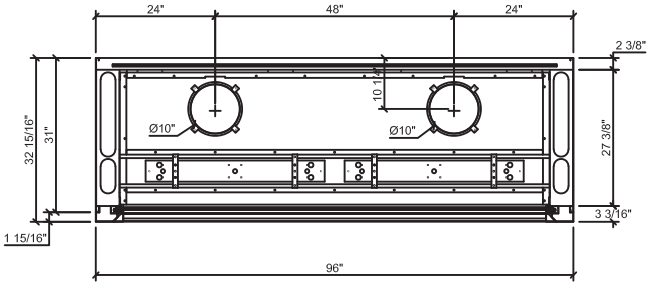
F-100-72G5-ADA - 72" Wide



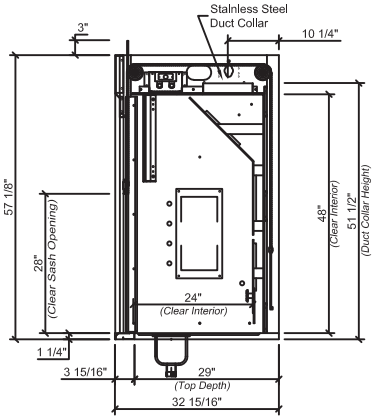


F-100-96G5-ADA - 96" Wide





Section - Standard Depth



F-101 Gen-5 Bench Fume Hood

F-101 Isolator Gen-5 Bench Fume Hood - Combination Sash

ISOLATOR Gen-5 Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5 bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety panels are provided with a stainless steel sash frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has a framed vertical sash and horizontal panels with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

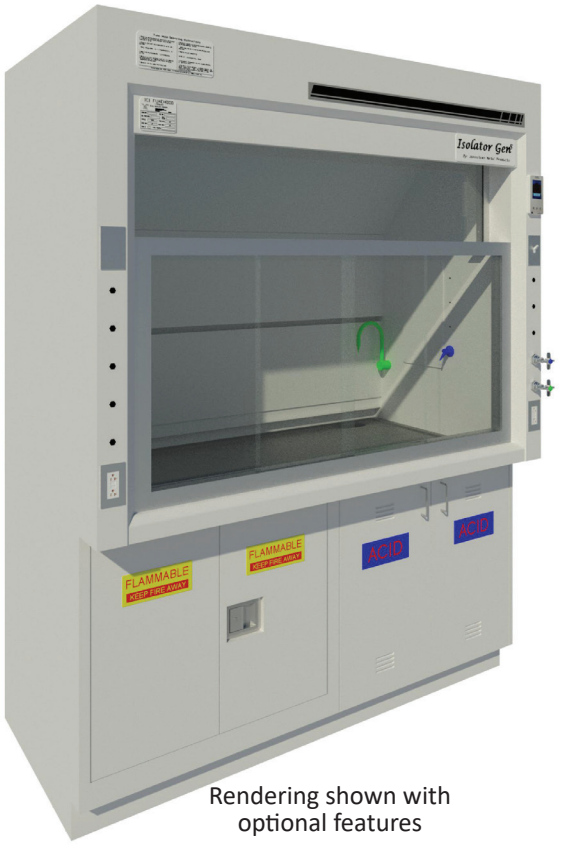
Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

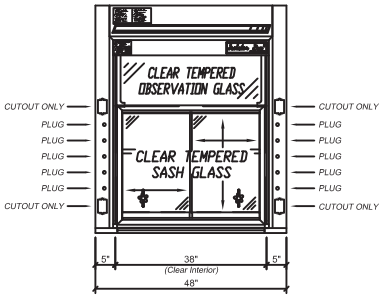


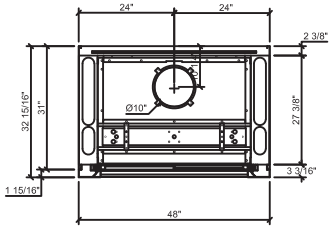
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM	50% Horizontal Open @ 100 FPM
F-101-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP	415 CFM @ .09" SP
F-101-48G5D30	48"	30"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP	415 CFM @ .09" SP
F-101-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP	549 CFM @ .09" SP
F-101-60G5D30	60"	30"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP	549 CFM @ .09" SP
F-101-72G5	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP	692 CFM @ .14" SP
F-101-72G5D30	72"	30"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP	692 CFM @ .14" SP
F-101-96G5	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP	968 CFM @ .12" SP
F-101-96G5D30	96"	30"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP	968 CFM @ .12" SP
F-101-120G5	120"	24"	2:12"	2139 CFM @ .33" SP	1375 CFM @ .14" SP	1244 CFM @ .11" SP
F-101-120G5D30	120"	30"	2:12"	2139 CFM @ .33" SP	1375 CFM @ .14" SP	1244 CFM @ .11" SP
F-101-144G5	144"	24"	2:12"	2606 CFM @ .49" SP	1675 CFM @ .20" SP	1523 CFM @ .17" SP
F-101-144G5D30	144"	30"	2:12"	2606 CFM @ .49" SP	1675 CFM @ .20" SP	1523 CFM @ .17" SP

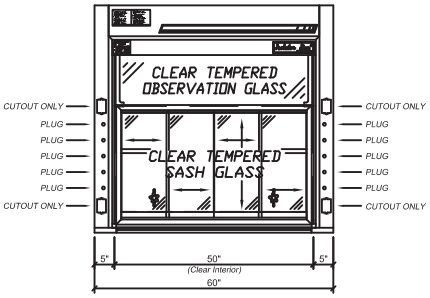
50% open may be achieved two ways: 1. vertical sash open 14", horizontal panels closed or 2. vertical sash closed, horizontal panels full open

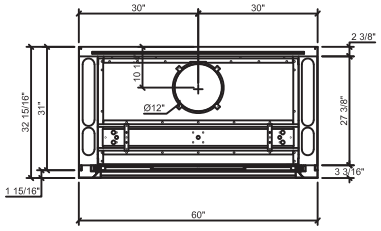
F-101-48G5 - 48" Wide



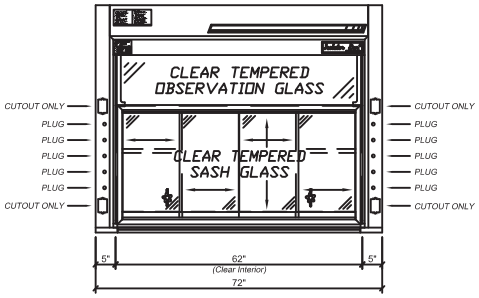


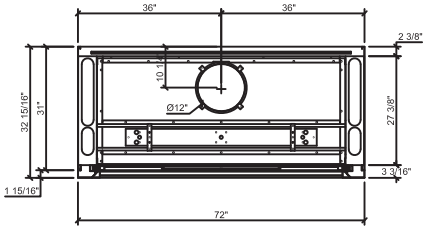
F-101-60G5 - 60" Wide





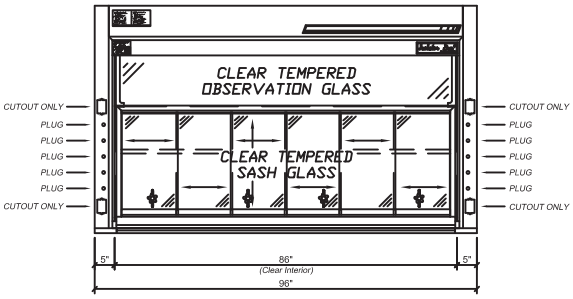
F-101-72G5 - 72" Wide

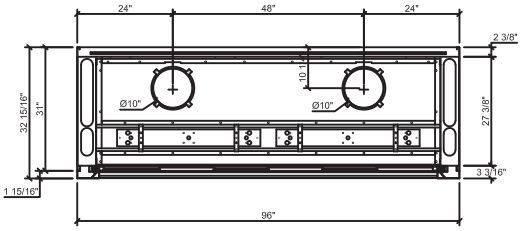




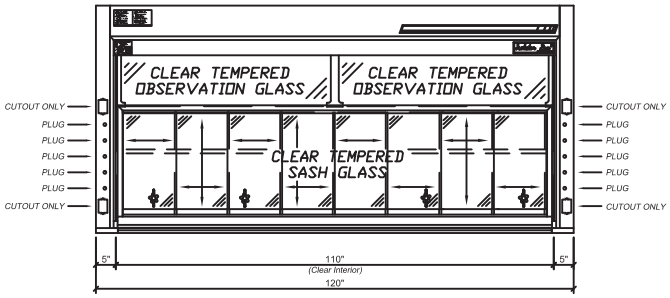
F-101 Gen-5 Bench Fume Hood

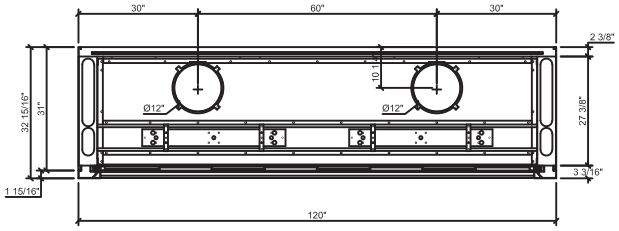
F-101-96G5 - 96" Wide



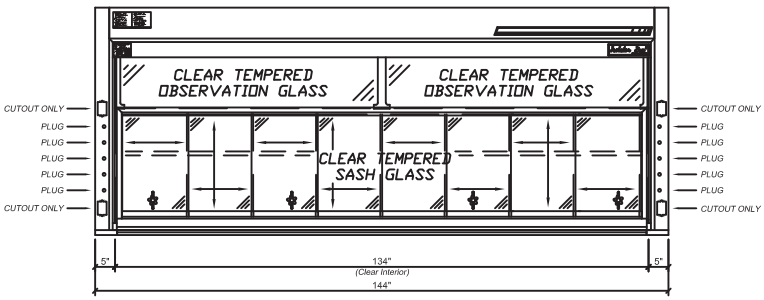


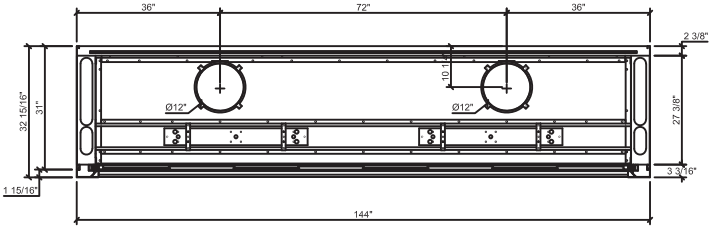
F-101-120G5 - 120" Wide



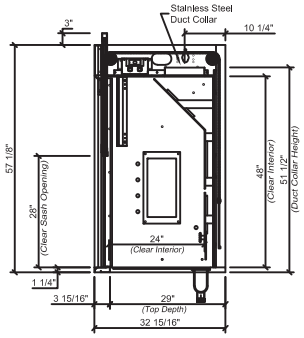


F-101-144G5 - 144" Wide

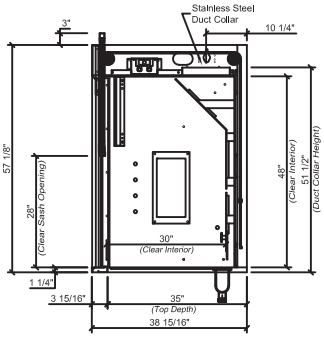




Section - Standard Depth



Section - 30" Deep



F-101 Gen-5 ADA Bench Fume Hood

F-101 Isolator Gen-5 ADA Bench Fume Hood - Combination Sash

ISOLATOR Gen-5 Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5-ADA bench mounted fume hood is supplied with the following standard features in a handicapped accessible form:

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Sash Design - 1/4" thick tempered safety panels are provided with a stainless steel sash frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has a framed vertical sash and horizontal panels with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of one plumbing fitting per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

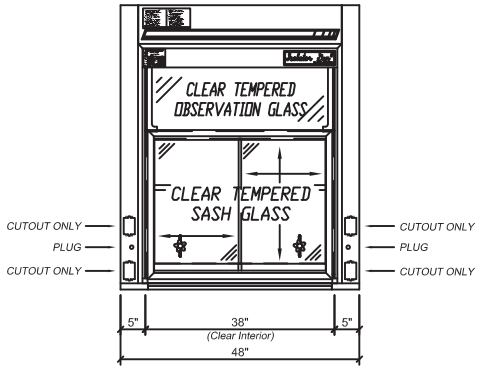
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

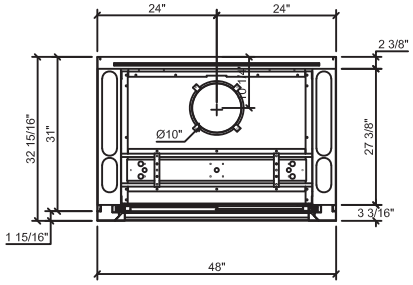
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM	50% Horizontal Open @ 100 FPM
F-101-48G5-ADA	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP	415 CFM @ .09" SP
F-101-60G5-ADA	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP	549 CFM @ .09" SP
F-101-72G5-ADA	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP	692 CFM @ .14" SP
F-101-96G5-ADA	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP	968 CFM @ .12" SP

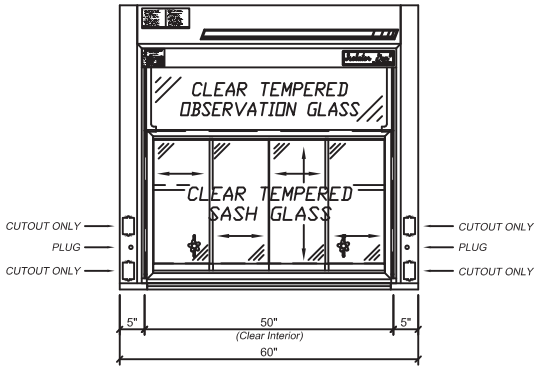
50% open may be achieved two ways: 1. vertical sash open 14", horizontal panels closed or 2. vertical sash closed, horizontal panels full open

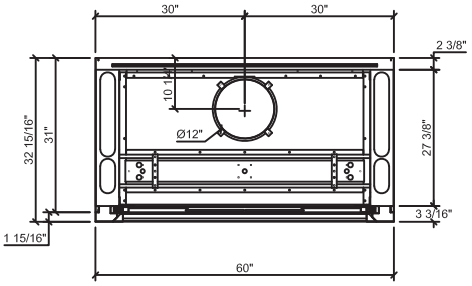
F-101-48G5-ADA - 48" Wide



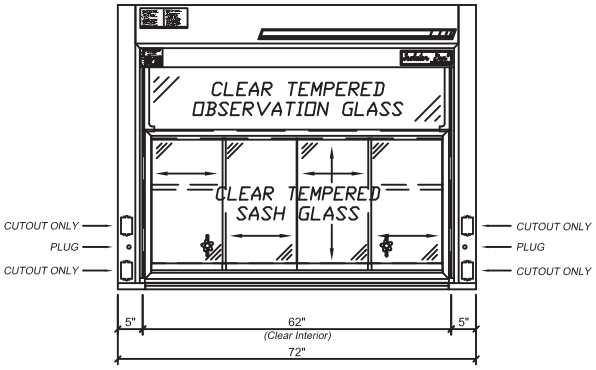


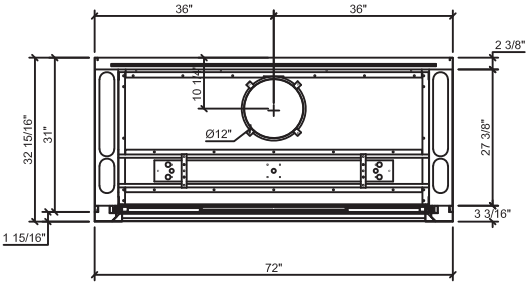
F-101-60G5-ADA - 60" Wide





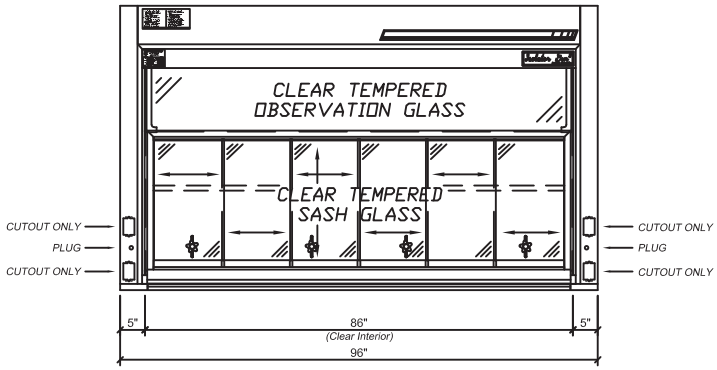
F-101-72G5-ADA - 72" Wide

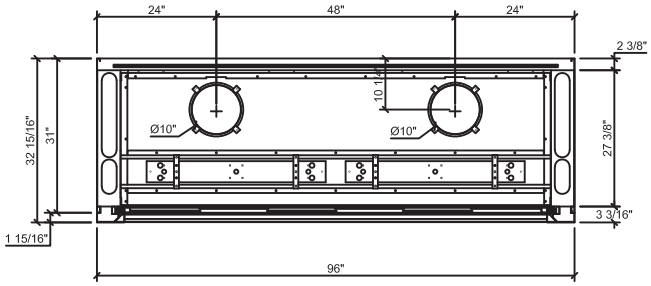




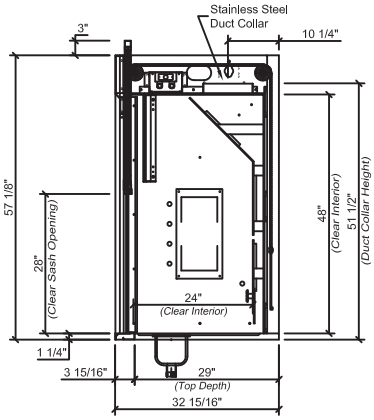
F-101 Gen-5 ADA Bench Fume Hood

F-101-96G5-ADA - 96" Wide





Section - Standard Depth



F-102 Isolator Gen-5 Bench Fume Hood - Horizontal Sash

ISOLATOR Gen-5 Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5 bench mounted fume hood is supplied with the following standard features:

Sash System – Top hung epoxy urethane coated framed horizontal sashes offer exceptional product life-cycle and minimize barriers.

Sash Design - 1/4" thick tempered safety glass is set in horizontal sliding epoxy urethane coated steel frames. Optional laminated safety glass or polycarbonate available for special applications. Hood has a horizontal only sash with a 42" exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

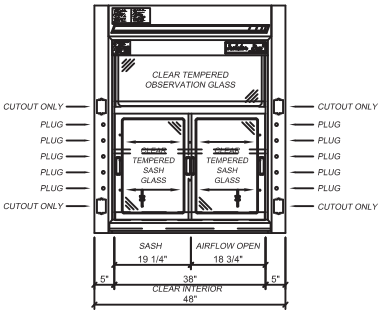
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

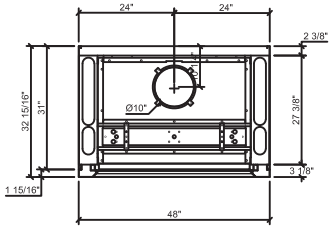
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM	50% Horizontal Open @ 100 FPM
F-102-48G5	48"	24"	1:10"	N/A	N/A	445 CFM @ .10" SP
F-102-48G5D30	48"	30"	1:10"	N/A	N/A	445 CFM @ .10" SP
F-102-60G5	60"	24"	1:12"	N/A	N/A	572 CFM @ .09" SP
F-102-60G5D30	60"	30"	1:12"	N/A	N/A	572 CFM @ .09" SP
F-102-72G5	72"	24"	1:12"	N/A	N/A	714 CFM @ .15" SP
F-102-72G5D30	72"	30"	1:12"	N/A	N/A	714 CFM @ .15" SP
F-102-96G5	96"	24"	2:10"	N/A	N/A	984 CFM @ .13" SP
F-102-96G5D30	96"	30"	2:10"	N/A	N/A	984 CFM @ .13" SP

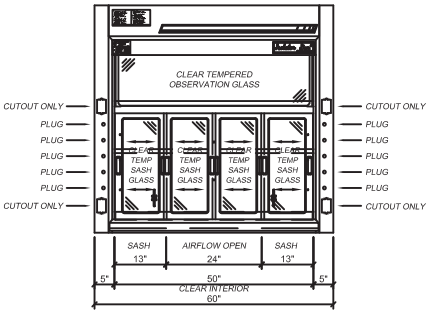
F-102 Gen-5 Bench Fume Hood

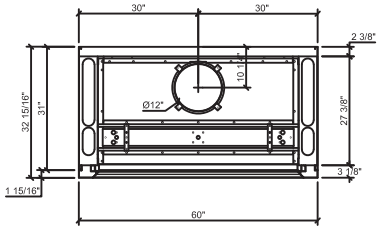
F-102-48G5 - 48" Wide



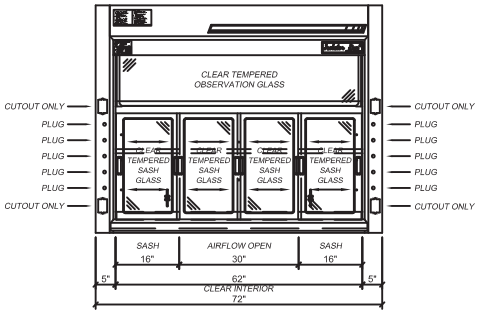


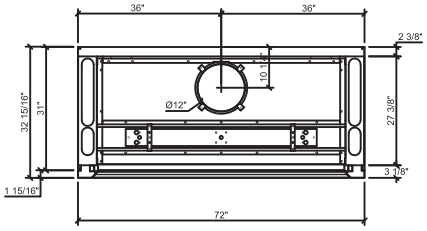
F-102-60G5 - 60" Wide



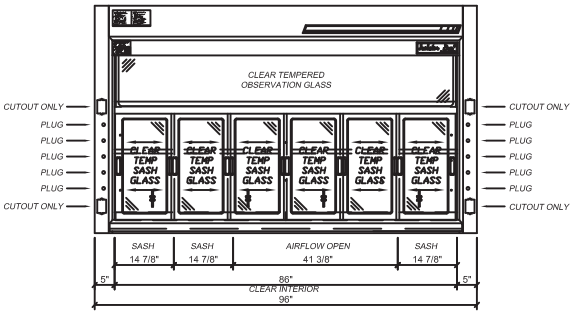


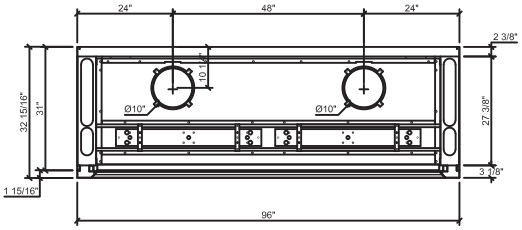
F-102-72G5 - 72" Wide



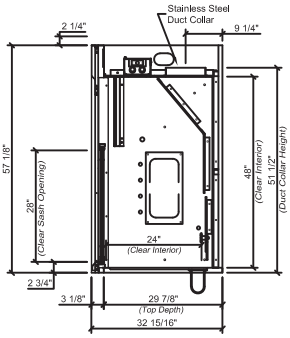


F-102-96G5 - 96" Wide

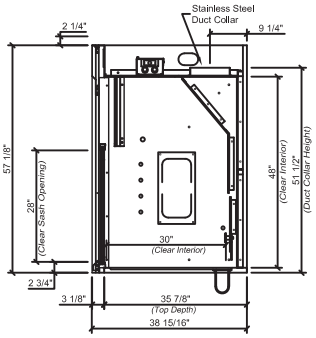




Section - Standard Depth



Section - 30" Deep



F-103 Gen-5 Bench Fume Hood

F-103 Isolator Gen-5 Bench Fume Hood - Framed Vertical Sash

ISOLATOR Gen-5 Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5 bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has a framed vertical sash with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

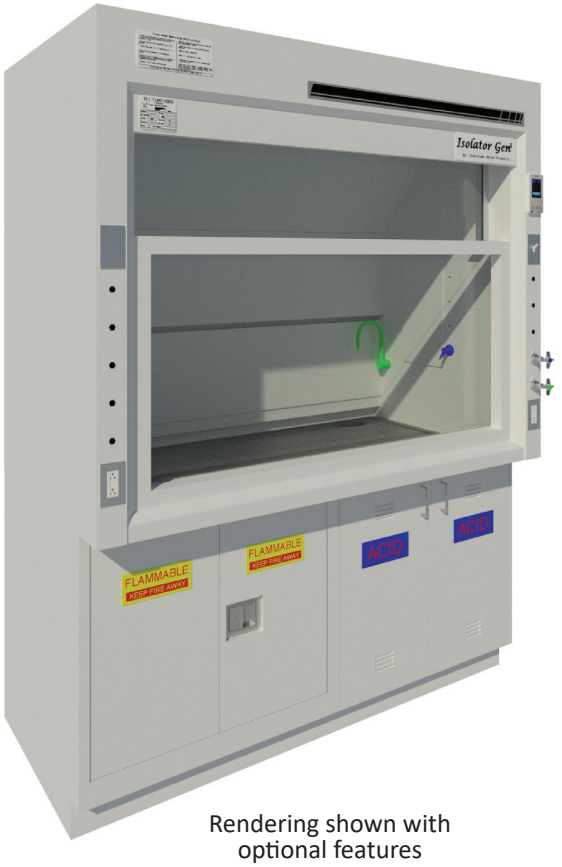
Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

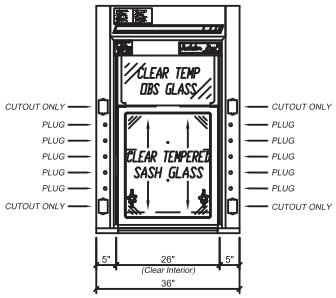
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

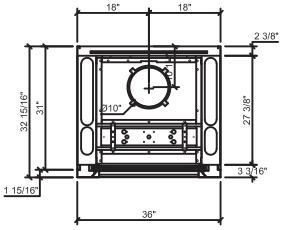


Rendering shown with optional features

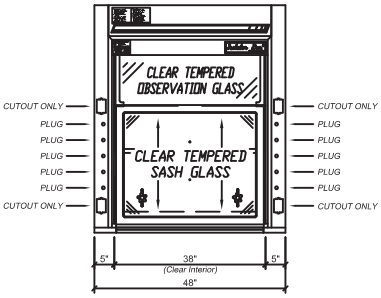
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM
F-103-36G5	36"	24"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-103-36G5D30	36"	30"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-103-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-103-48G5D30	48"	30"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-103-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-103-60G5D30	60"	30"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-103-72G5	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP
F-103-72G5D30	72"	30"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP
F-103-96G5	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP
F-103-96G5D30	96"	30"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP
F-103-120G5	120"	24"	2:12"	2139 CFM @ .33" SP	1375 CFM @ .14" SP
F-103-120G5D30	120"	30"	2:12"	2139 CFM @ .33" SP	1375 CFM @ .14" SP
F-103-144G5	144"	24"	2:12"	2606 CFM @ .49" SP	1675 CFM @ .20" SP
F-103-144G5D30	144"	30"	2:12"	2606 CFM @ .49" SP	1675 CFM @ .20" SP

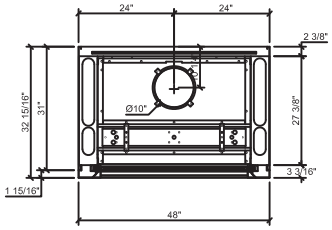
F-103-36G5 - 36" Wide



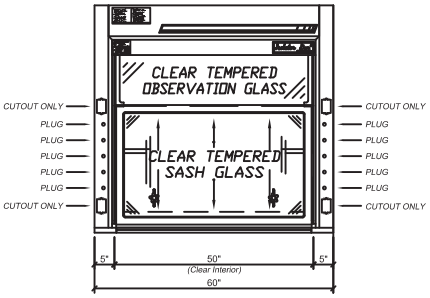


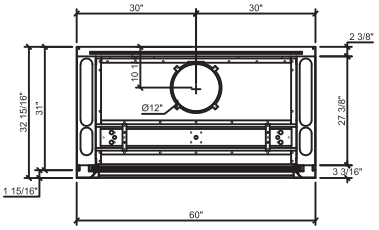
F-103-48G5 - 48" Wide





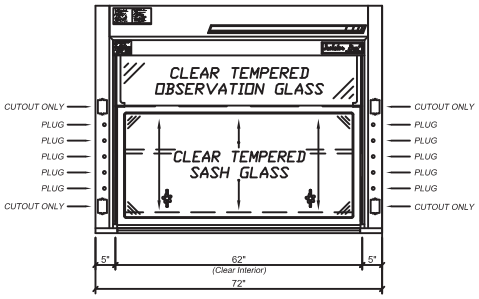
F-103-60G5 - 60" Wide

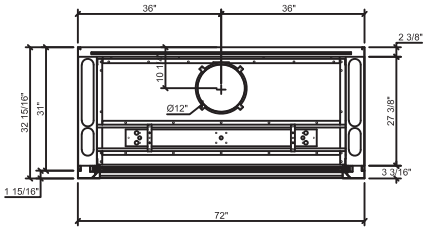




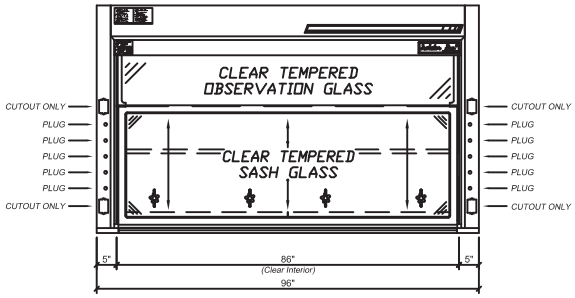
F-103 Gen-5 Bench Fume Hood

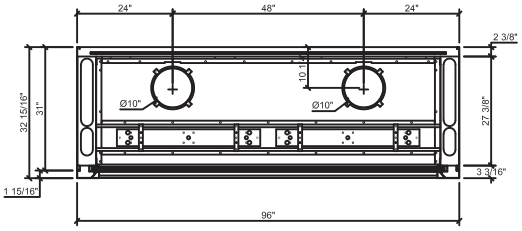
F-103-72G5 - 72" Wide



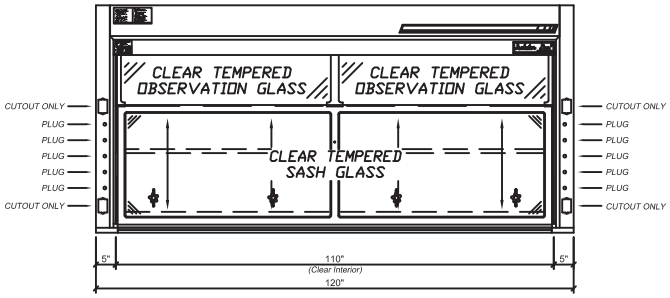


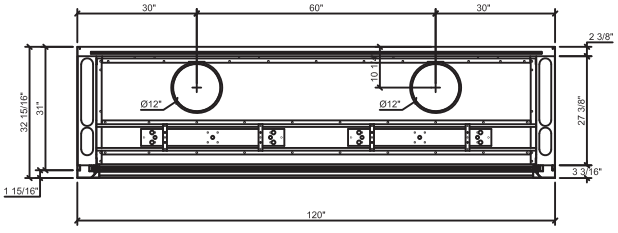
F-103-96G5 - 96" Wide



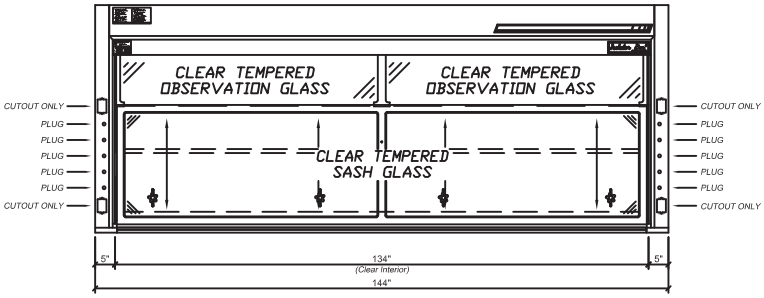


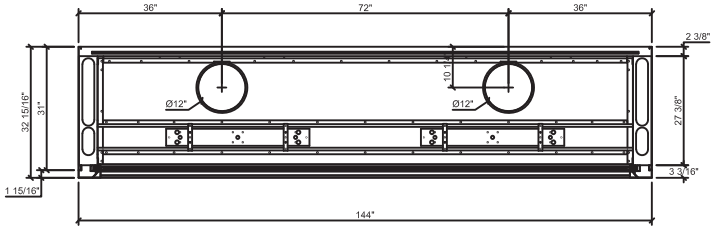
F-103-120G5 - 120" Wide



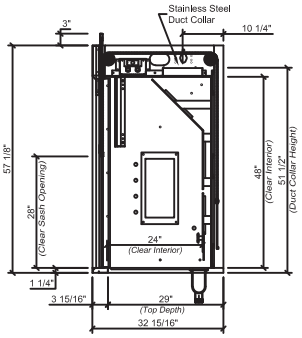


F-103-144G5 - 144" Wide

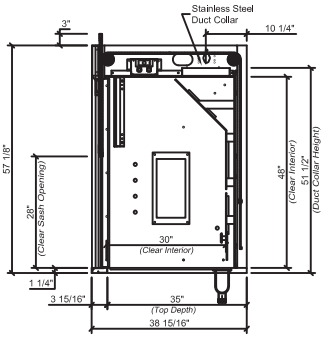




Section - Standard Depth



Section - 30" Deep



F-103 Gen-5 ADA Bench Fume Hood

F-103 Isolator Gen-5 ADA Bench Fume Hood - Framed Vertical Sash

ISOLATOR Gen-5 Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5-ADA bench mounted fume hood is supplied with the following standard features in a handicapped accessible form:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has a framed vertical sash with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of one plumbing fitting per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

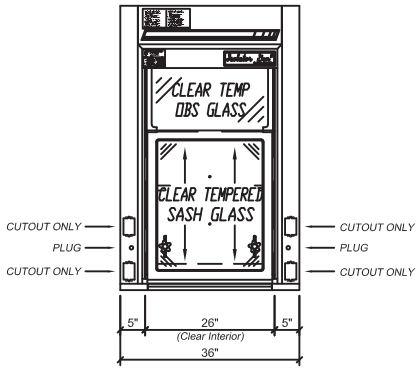
Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

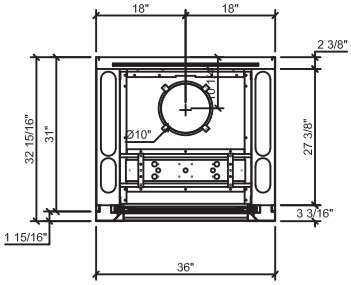
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

Rendering shown with optional features

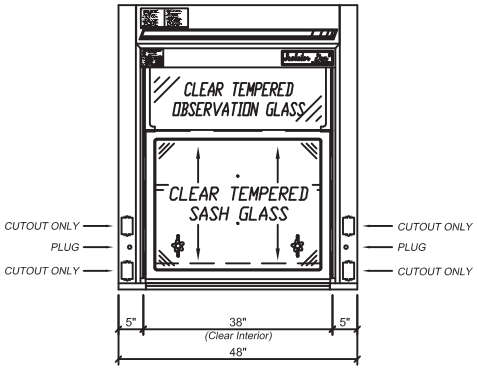
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM
F-103-36G5-ADA	36"	24"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-103-48G5-ADA	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-103-60G5-ADA	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-103-72G5-ADA	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP
F-103-96G5-ADA	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP

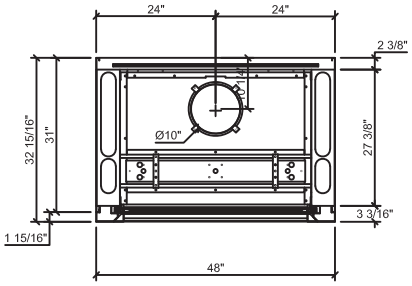
F-103-36G5-ADA - 36" Wide



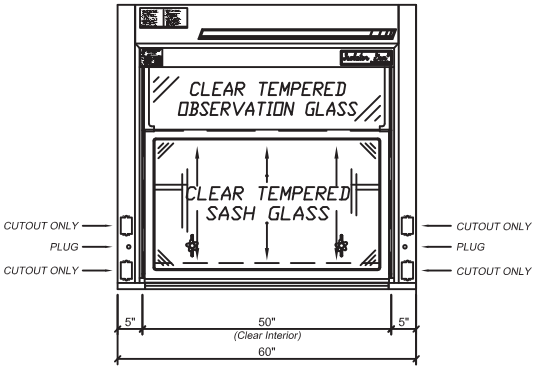


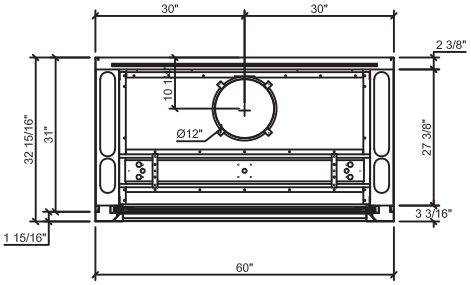
F-103-48G5-ADA - 48" Wide





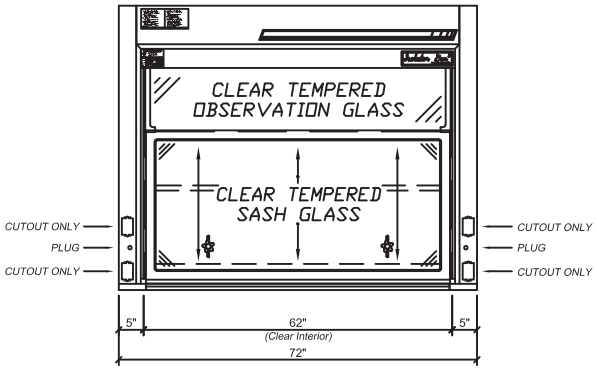
F-103-60G5-ADA - 60" Wide

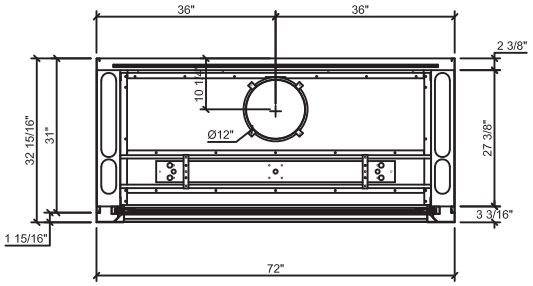




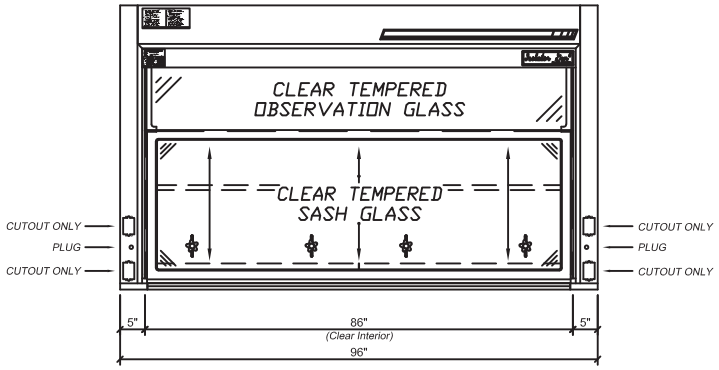
F-103 Gen-5 ADA Bench Fume Hood

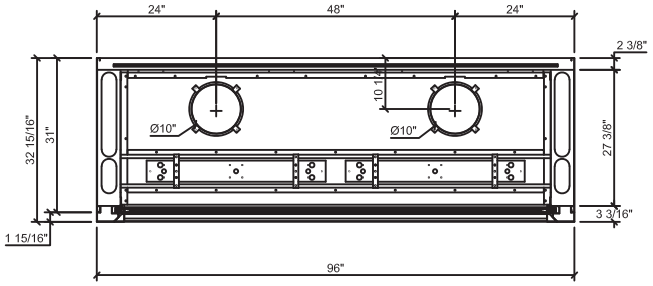
F-103-72G5-ADA - 72" Wide



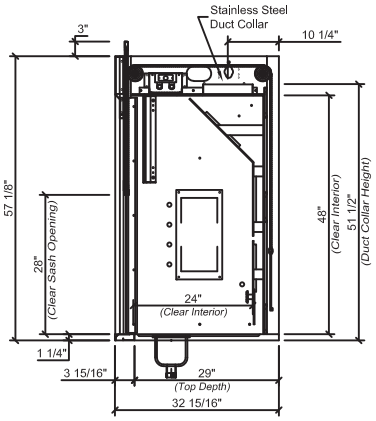


F-103-96G5-ADA - 96" Wide





Section - Standard Depth



F-121 Isolator Gen-5 Bench Fume Hood - Frameless Vertical Sash

ISOLATOR Gen-5 Bench Fume Hood - This fume hood is designed to connect classroom to the prep room. Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 26.25" deep counter top. The ISOLATOR Gen-5 bench mounted pass-through fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with epoxy urethane coated steel handles. Optional laminated safety glass or polycarbonate available for special applications. Hood has frameless vertical sashes with a 42" exterior sightline and sash interlock safety system to one sash at a time to be operated.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels – N/A

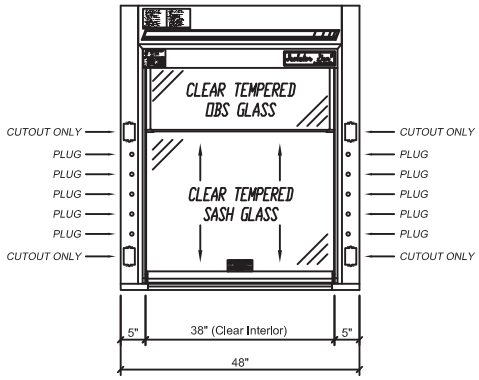
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

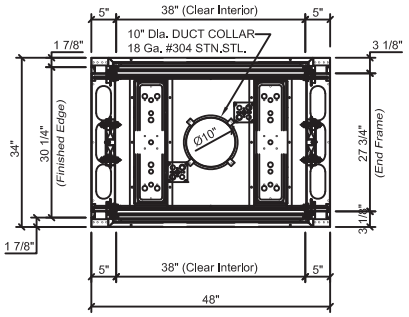
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM
F-121G5-48	48"	30 1/4"	1:10"	844 CFM @ .38" SP	581 CFM @ .18" SP
F-121G5-60	60"	30 1/4"	1:12"	1111 CFM @ .36" SP	764 CFM @ .17" SP
F-121G5-72	72"	30 1/4"	1:12"	1378 CFM @ .55" SP	947 CFM @ .26" SP

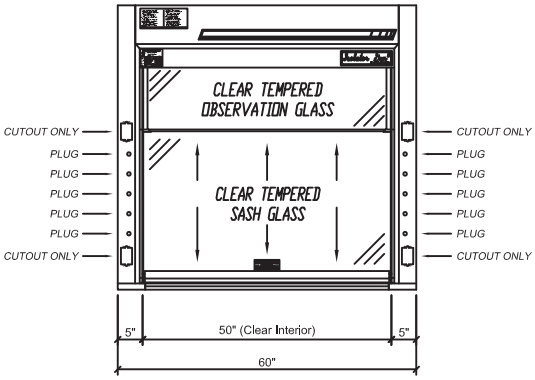
F-121 Gen-5 Bench Fume Hood

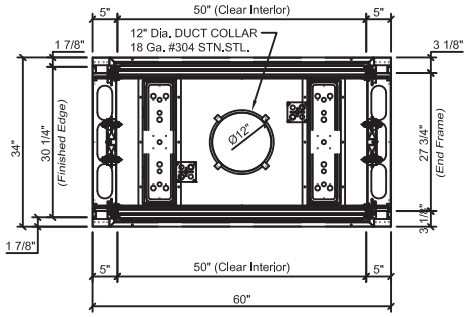
F-121-48G5 - 48" Wide



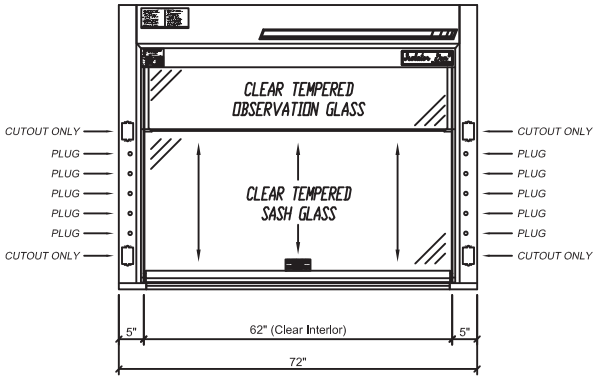


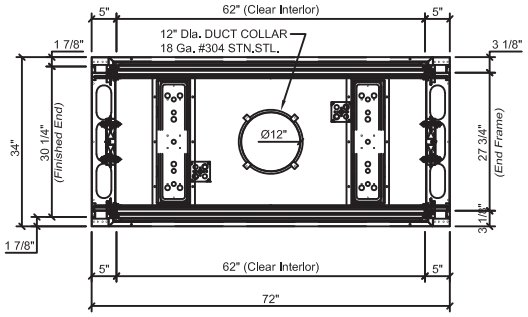
F-121-60G5 - 60" Wide





F-121-72G5 - 72" Wide





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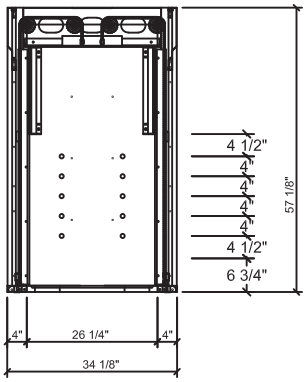


F-181 Bench Fume Hood

F181 Dual Postless Bench Fume Hood - Combination Sash

ISOLATOR Gen-5 Bench Fume Hood - This specialty fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR dual postless Gen-5 bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass panels are provided with stainless steel frames. Optional laminated safety glass or polycarbonate available for special applications. Hood has a two framed combination vertical sashes with horizontal panes and a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

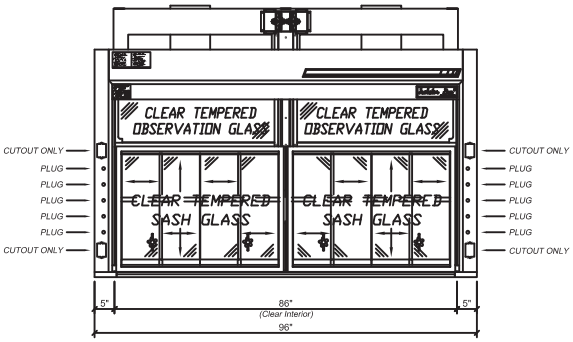
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

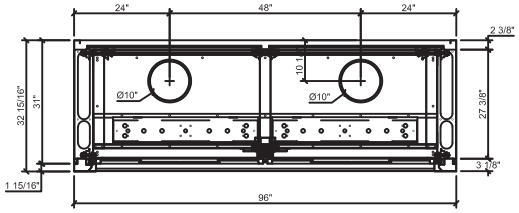
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	Both Sashes 28" Vertical Open @ 100 FPM	Both Sashes 18" Vertical Open @ 100 FPM	50% Horizontal Open @ 100 FPM
F-181-96-2	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP	904 CFM @ .11" SP
F-181-120-2	120"	24"	2:12"	2139 CFM @ .33" SP	1375 CFM @ .14" SP	1189 CFM @ .10" SP
F-181-144-2	144"	24"	2:12"	2606 CFM @ .49" SP	1675 CFM @ .20" SP	1475 CFM @ .16" SP

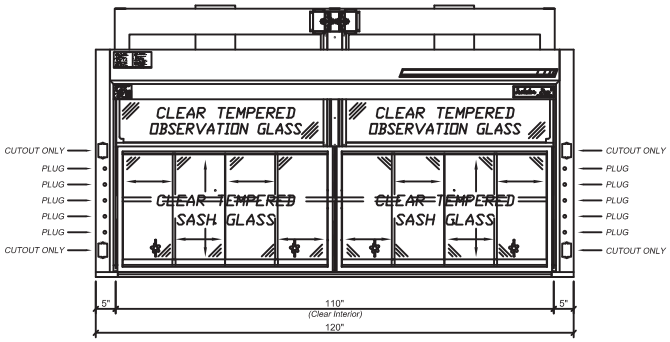
50% open may be achieved two ways: 1. vertical sash open 14", horizontal panels closed or 2. vertical sash closed, horizontal panels full open

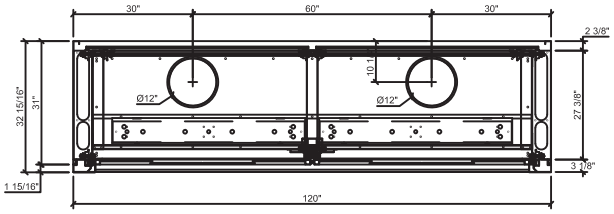
F-181-96-2 - 96" Wide



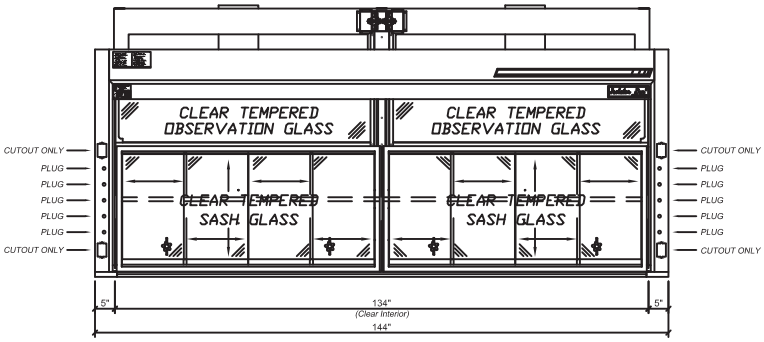


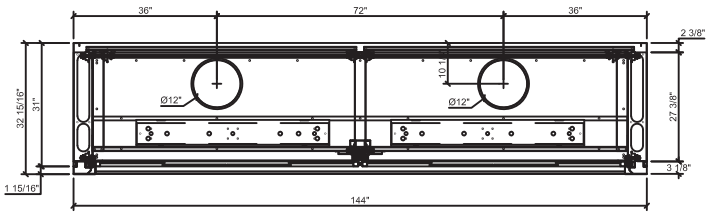
F-181-120-2 - 120" Wide





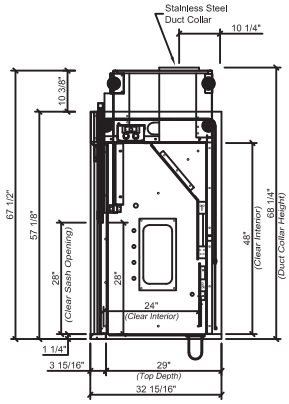
F-181-144-2 - 144" Wide





F-181-2 Bench Fume Hood

Section



F183-2 Dual Postless Bench Fume Hood - Framed Vertical Sash

ISOLATOR Gen-5 Bench Fume Hood - This specialty fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use op on MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5 bench mounted dual postless fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash opera on available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass panels are provided with epoxy urethane coated steel frames. Optional laminated safety glass or polycarbonate available for special applications. Hood has a two framed vertical sashes and a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

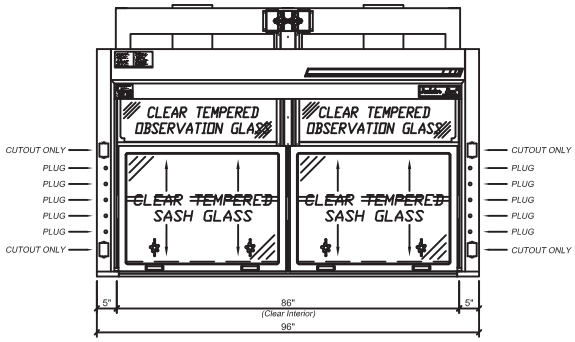
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

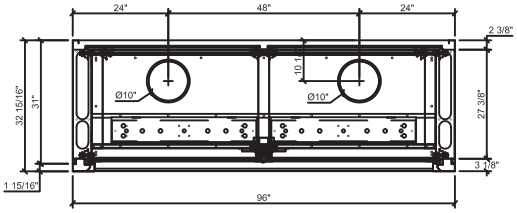
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	Both Sashes 28" Vertical Open @ 100 FPM	Both Sashes 18" Vertical Open @ 100 FPM	Single Sash 28" Vertical Open @ 100 FPM
F-183-96-2	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP	956 CFM @ .12" SP
F-183-120-2	120"	24"	2:12"	2139 CFM @ .33" SP	1375 CFM @ .14" SP	1222 CFM @ .11" SP
F-183-144-2	144"	24"	2:12"	2606 CFM @ .49" SP	1675 CFM @ .20" SP	1489 CFM @ .16" SP

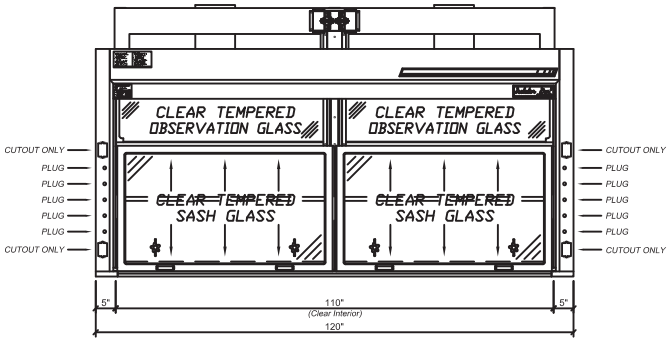
F-183-2 Bench Fume Hood

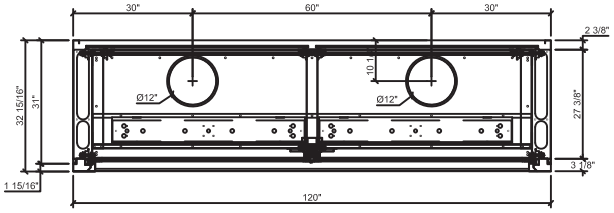
F-183-96-2 - 96" Wide



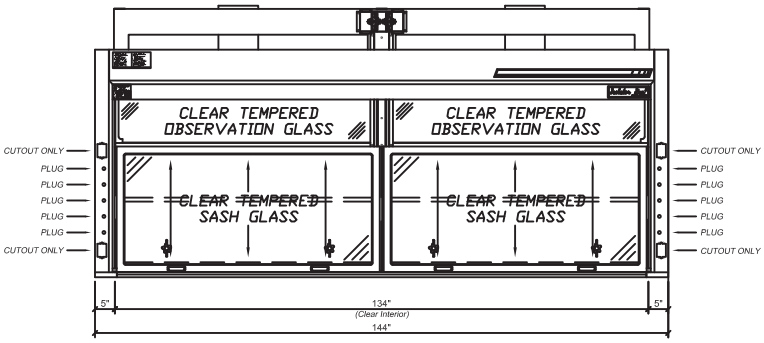


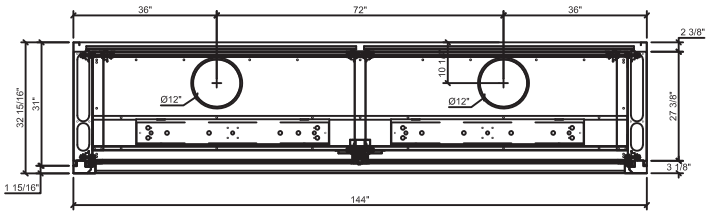
F-183-120-2 - 120" Wide





F-183-144-2 - 144" Wide





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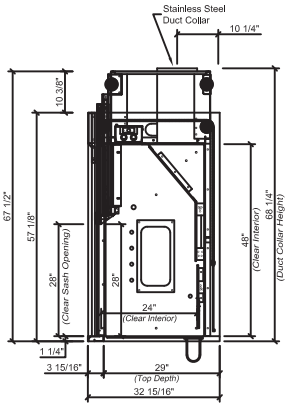

Stainless Steel
Duct Collar
10 1/4"
10 3/8"
67 1/2"
57 1/8"
28"
(Clear Sash Opening)
28"
24"
(Clear Interior)
48"
(Clear Interior)
68 1/4"
(Duct Collar Height)
1 1/4"
3 15/16"
29"
(Top Depth)
32 15/16"

F-183-4 Bench Fume Hood

F183-4 Quad Postless Bench Fume Hood - Framed Vertical Sash

ISOLATOR Gen-5 Bench Fume quad postless Hood - This specialty fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5 bench quad postless mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash opera on available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass panels are provided with epoxy urethane coated steel frames. Optional laminated safety glass or polycarbonate available for special applications. Hood has a four framed vertical sashes and a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

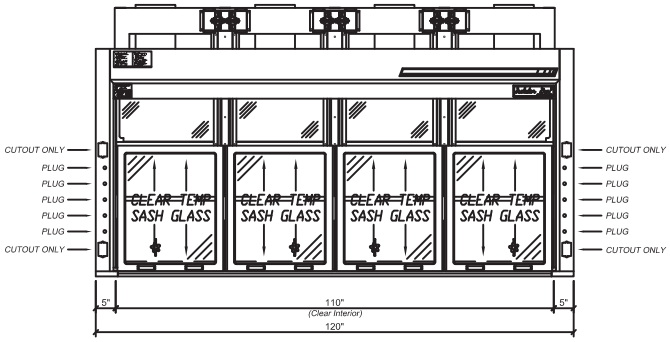
Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

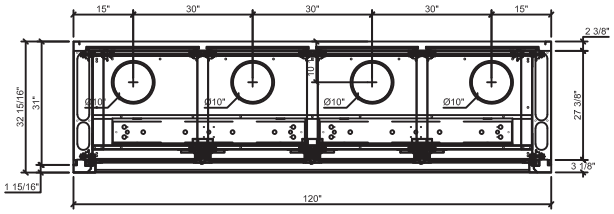
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

Rendering shown with optional features

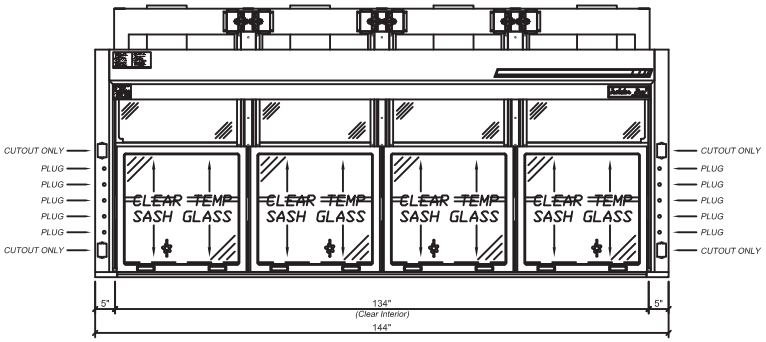
Catalog Number	Width	Clear Interior Depth	Duct Diameter	Both Sashes 28" Vertical Open @ 100 FPM	Both Sashes 18" Vertical Open @ 100 FPM	Single Sash 28" Vertical Open @ 100 FPM
F-183-120-4	120"	24"	2:12"	2139 CFM @ .33" SP	1375 CFM @ .14" SP	764 CFM @ .04" SP
F-183-144-4	144"	24"	2:12"	2606 CFM @ .49" SP	1675 CFM @ .20" SP	931 CFM @ .06" SP

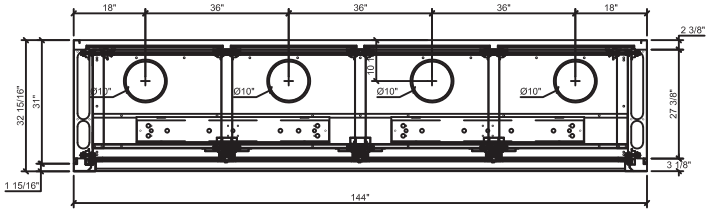
F-183-120-4 - 120" Wide





F-183-144-4 - 144" Wide





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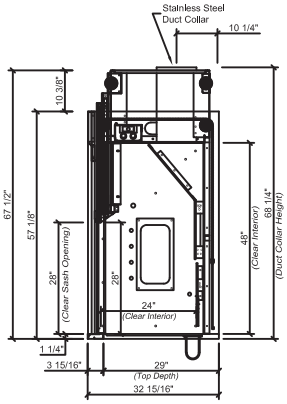


F-200 Gen-5 Floor Mounted Fume Hood

F-200 Gen-5 Floor Mounted Fume Hood - Frameless Vertical Sash

ISOLATOR Gen-5 Floor Mounted Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to be used with or without an epoxy floor. The ISOLATOR Gen-5 floor mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel handles. Optional laminated safety glass or polycarbonate available for special applications. Hood has a frameless vertical sash with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

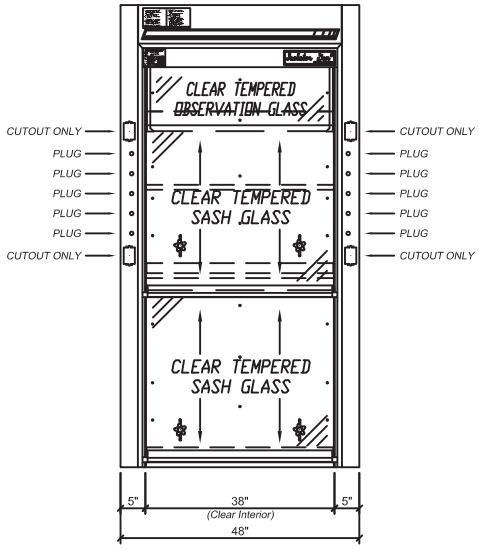
Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

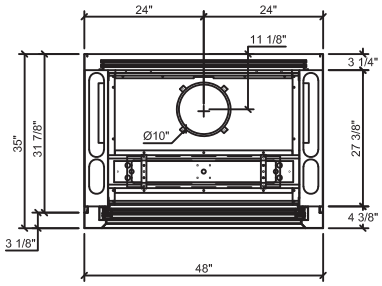
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

Rendering shown with optional features

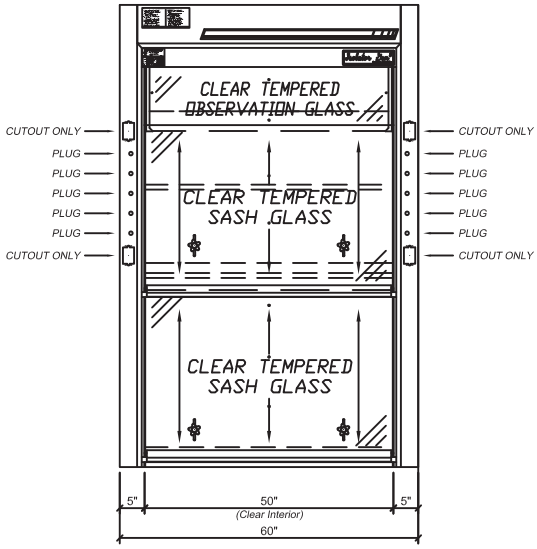
Catalog Number	Width	Clear Interior Depth	Duct Diameter	31 1/2" Vertical Open Upper Sash @ 100 FPM	18" Vertical Open Upper Sash @ 100 FPM
F-200-48G5	48"	24"	1:10"	858 CFM @ .39" SP	501 CFM @ .13" SP
F-200-48G5D30	48"	30"	1:10"	858 CFM @ .39" SP	501 CFM @ .13" SP
F-200-60G5	60"	24"	1:12"	1128 CFM @ .37" SP	660 CFM @ .13" SP
F-200-60G5D30	60"	30"	1:12"	1128 CFM @ .37" SP	660 CFM @ .13" SP
F-200-72G5	72"	24"	1:12"	1399 CFM @ .57" SP	818 CFM @ .19" SP
F-200-72G5D30	72"	30"	1:12"	1399 CFM @ .57" SP	818 CFM @ .19" SP
F-200-96G5	96"	24"	2:10"	1941 CFM @ .50" SP	1135 CFM @ .17" SP
F-200-96G5D30	96"	30"	2:10"	1941 CFM @ .50" SP	1135 CFM @ .17" SP

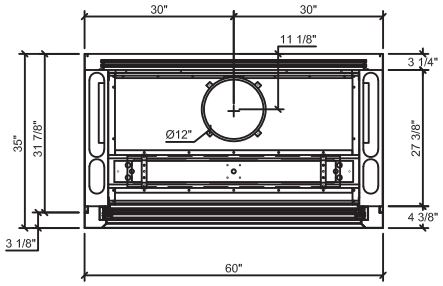
F-200-48G5 - 48" Wide



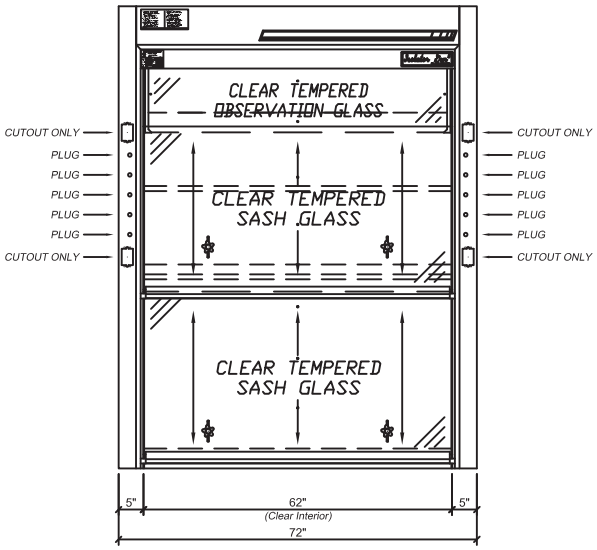


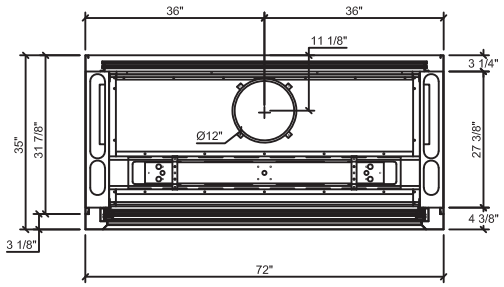
F-200-60G5 - 60" Wide





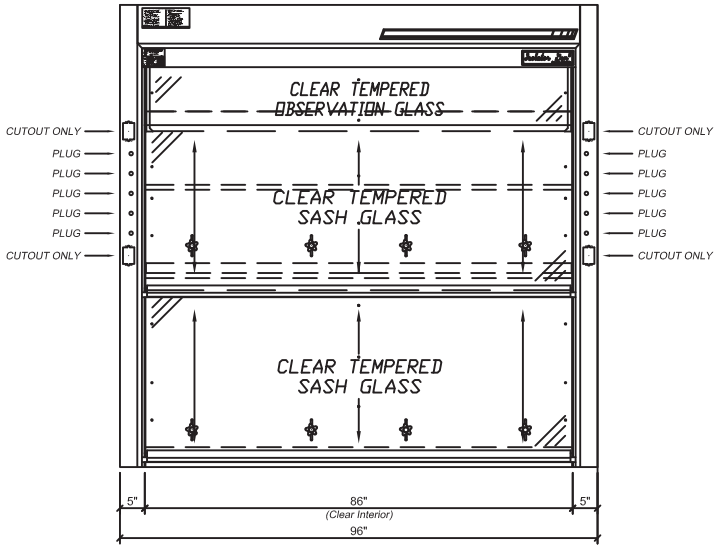
F-200-72G5 - 72" Wide

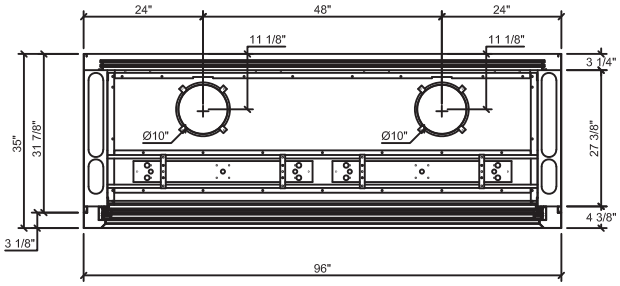




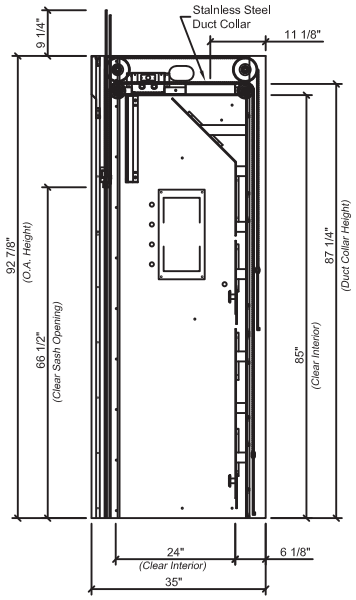
F-200 Gen-5 Floor Mounted Fume Hood

F-200-96G5 - 96" Wide

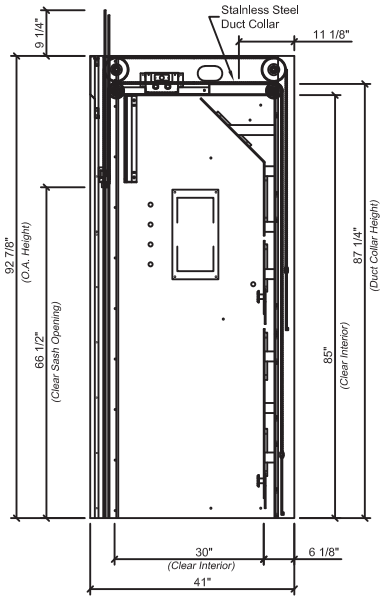




Section - Standard Depth



Section - 30" Deep



F-201 Isolator Gen-5 Floor Mounted Fume Hood - Combination Sash

ISOLATOR Gen-5 Floor Mounted Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to be used with or without an epoxy floor.
The ISOLATOR Gen-5 floor mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable opera on; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an stainless steel frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has one combination and one framed vertical sash with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

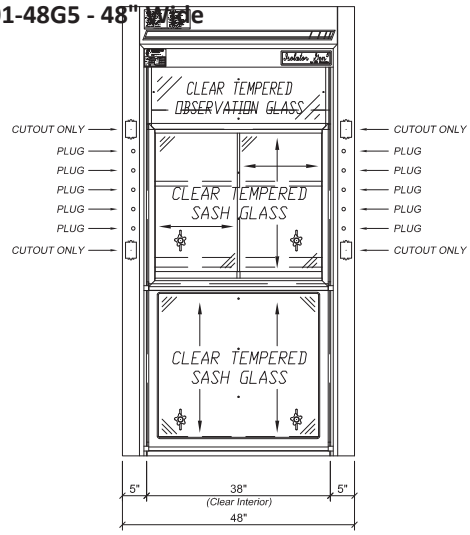
Rendering shown with optional features

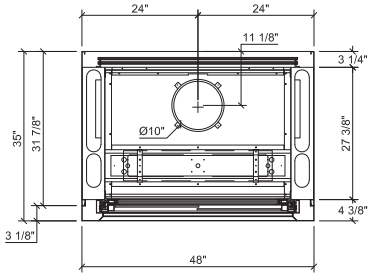
Catalog Number	Width	Clear Interior Depth	Duct Diameter	31 1/2" Vertical Open Upper Sash @ 100 FPM	18" Vertical Open @ 100 FPM	50% Open @ 100 FPM
F-201-48G5	48"	24"	1:10"	858 CFM @ .39" SP	501 CFM @ .13" SP	444 CFM @ .10" SP
F-201-48G5D30	48"	30"	1:10"	858 CFM @ .39" SP	501 CFM @ .13" SP	444 CFM @ .10" SP
F-201-60G5	60"	24"	1:12"	1128 CFM @ .37" SP	660 CFM @ .13" SP	586 CFM @ .10" SP
F-201-60G5D30	60"	30"	1:12"	1128 CFM @ .37" SP	660 CFM @ .13" SP	586 CFM @ .10" SP
F-201-72G5	72"	24"	1:12"	1399 CFM @ .57" SP	818 CFM @ .19" SP	739 CFM @ .16" SP
F-201-72G5D30	72"	30"	1:12"	1399 CFM @ .57" SP	818 CFM @ .19" SP	739 CFM @ .16" SP
F-201-96G5	96"	24"	2:10"	1941 CFM @ .50" SP	1135 CFM @ .17" SP	1035 CFM @ .14" SP
F-201-96G5D30	96"	30"	2:10"	1941 CFM @ .50" SP	1135 CFM @ .17" SP	1035 CFM @ .14" SP
F-201-120G5	120"	24"	2:12"	2483 CFM @ .45" SP	1451 CFM @ 15" SP	1330 CFM @ .13" SP
F-201-120G5D30	120"	30"	2:12"	2483 CFM @ .45" SP	1451 CFM @ 15" SP	1330 CFM @ .13" SP
F-201-144G5	144"	24"	2:12"	3024 CFM @ .66" SP	1768 CFM @ 23" SP	1628 CFM @ .19" SP
F-201-144G5D30	144"	30"	2:12"	3024 CFM @ .66" SP	1768 CFM @ 23" SP	1628 CFM @ .19" SP

50% open may be achieved two ways: 1. vertical sash open 14", horizontal panels closed or 2. vertical sash closed, horizontal panels full open

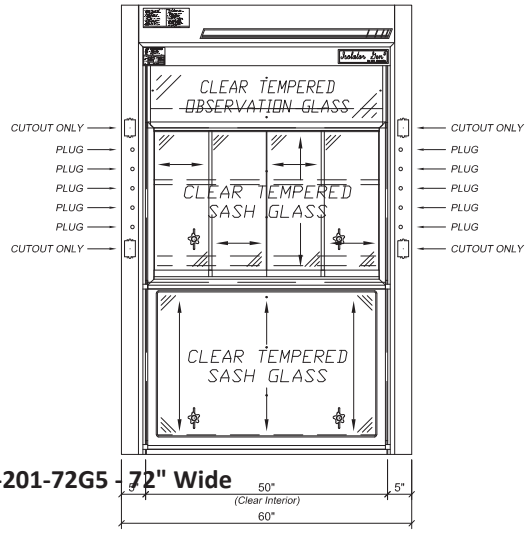
F-201 Gen-5 Floor Mounted Fume Hood

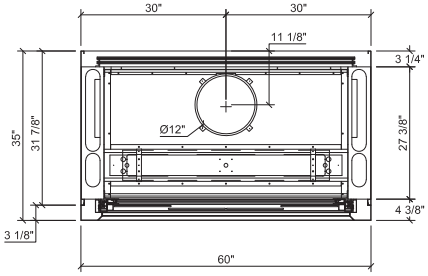
F-201-48G5 - 48" Wide



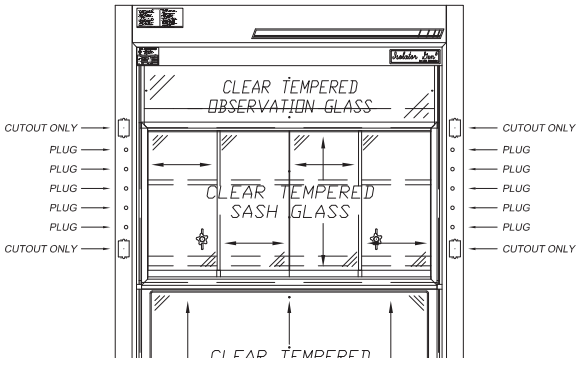


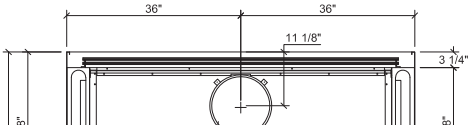
F-201-60G5 - 60" Wide



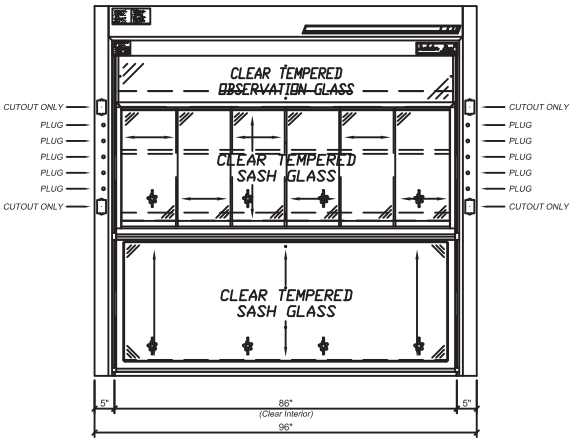


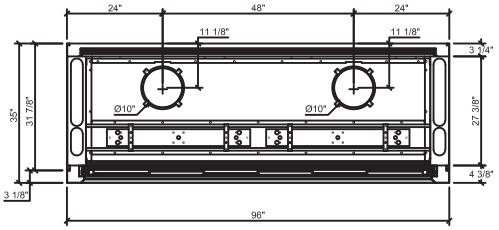
F-201-72G5 - 72" Wide



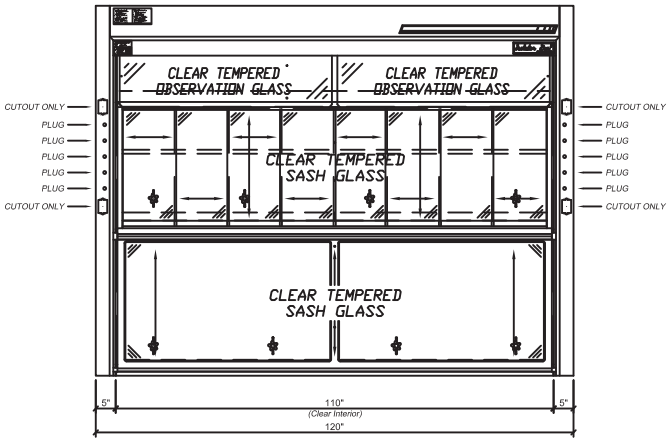


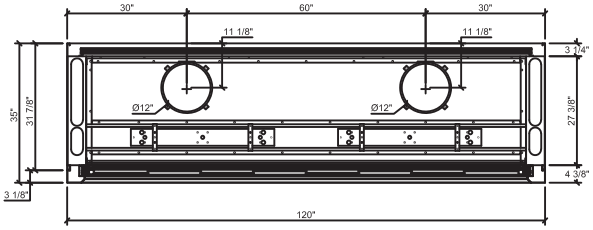
F-201-96G5 - 96" Wide



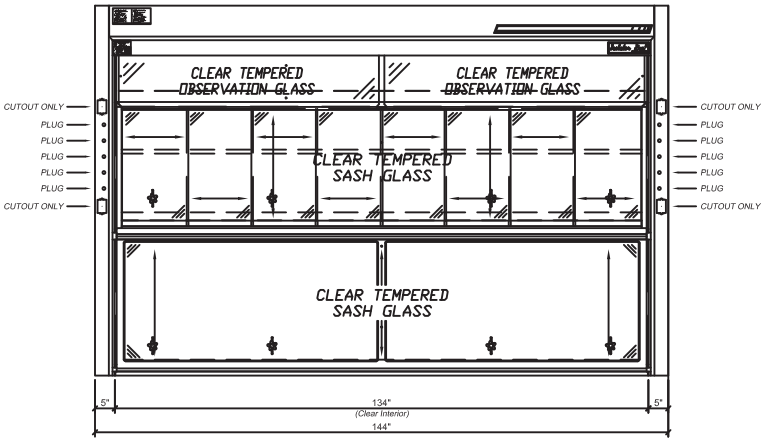


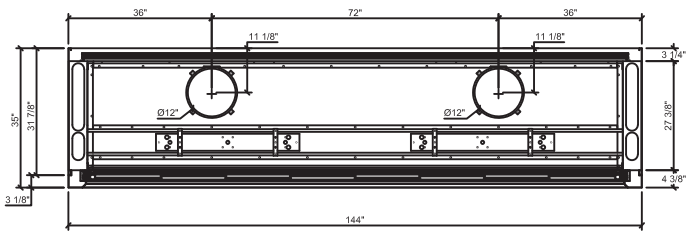
F-201-120G5 - 120" Wide





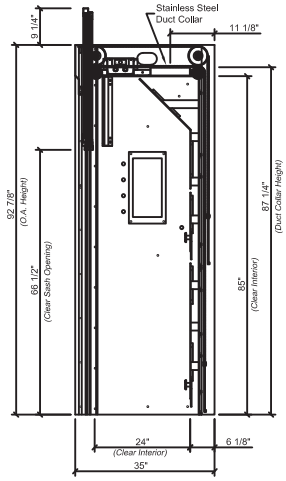
F-201-144G5 - 144" Wide



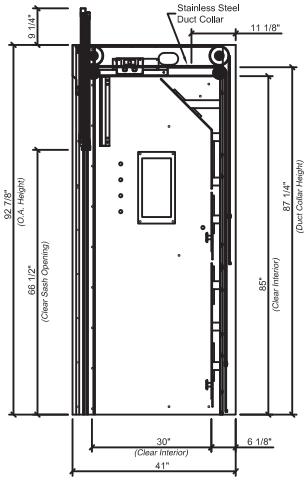


F-201 Gen-5 Floor Mounted Fume Hood

Section - Standard Depth



Section - 30" Deep



F-202 Isolator Gen-5 Floor Mounted Fume Hood - Horizontal Sash

ISOLATOR Gen-5 Floor Mounted Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to be used with or without an epoxy floor. The ISOLATOR Gen-5 floor mounted fume hood is supplied with the following standard features:

Track System – Top hung roller bearing framed sashes offer an exceptional product life-cycle

Sash Design - 1/4" thick tempered safety glass is provided with epoxy urethane coated steel frames. Optional laminated safety glass or polycarbonate available for special applications. Hood has framed horizontal sashes with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

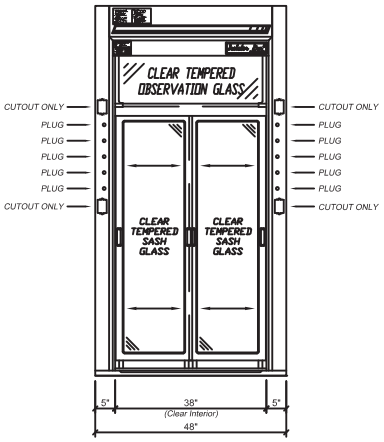
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

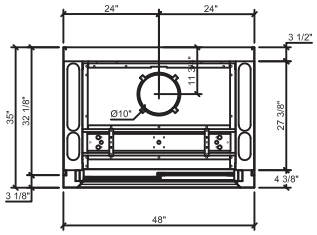
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	31 1/2" Vertical Open Upper Sash @ 100 FPM	50% Horizontal Open @ 100 FPM
F-202-48G5	48"	24"	1:10"	N/A	907 CFM @ .43" SP
F-202-48G5D30	48"	30"	1:10"	N/A	907 CFM @ .43" SP
F-202-60G5	60"	24"	1:12"	N/A	1159 CFM @ .39" SP
F-202-60G5D30	60"	30"	1:12"	N/A	1159 CFM @ .39" SP
F-202-72G5	72"	24"	1:12"	N/A	1451 CFM @ .61" SP
F-202-72G5D30	72"	30"	1:12"	N/A	1451 CFM @ .61" SP
F-202-96G5	96"	24"	2:10"	N/A	1994 CFM @ .53" SP
F-202-96G5D30	96"	30"	2:10"	N/A	1994 CFM @ .53" SP
F-202-120G5	120"	24"	2:12"	N/A	2600 CFM @ .49" SP
F-202-120G5D30	120"	30"	2:12"	N/A	2600 CFM @ .49" SP
F-202-144G5	144"	24"	2:12"	N/A	3144 CFM @ .72" SP
F-202-144G5D30	144"	30"	2:12"	N/A	3144 CFM @ .72" SP

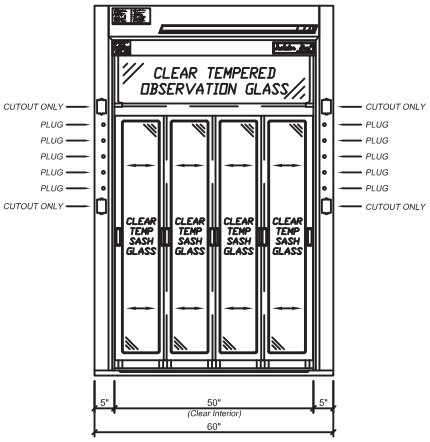
F-202 Gen-5 Floor Mounted Fume Hood

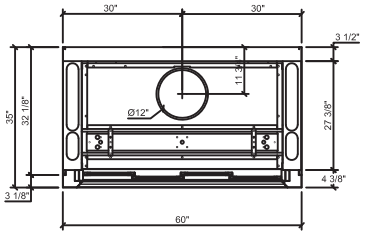
F-202-48G5 - 48" Wide



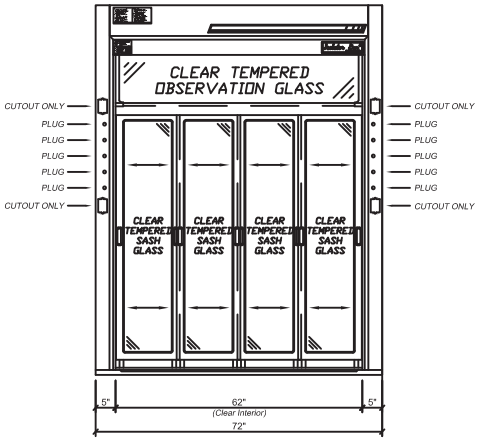


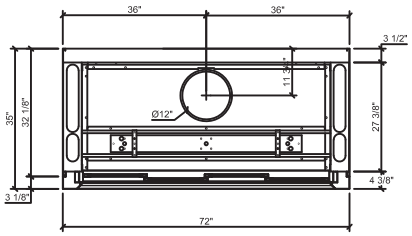
F-202-60G5 - 60" Wide



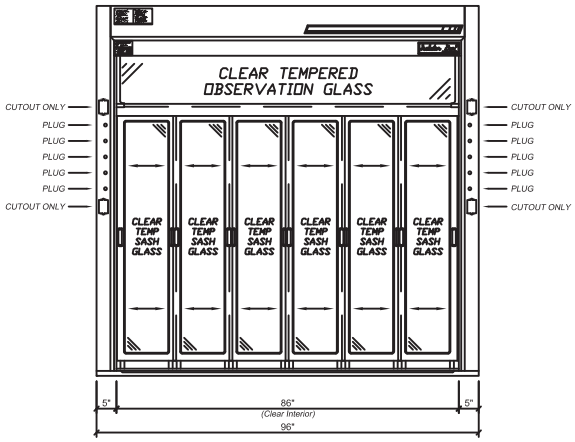


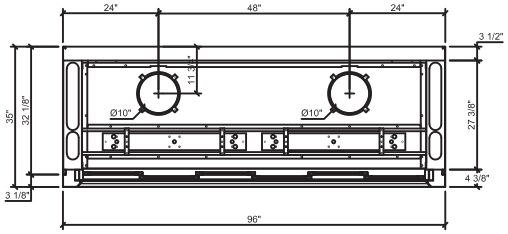
F-202-72G5 - 72" Wide



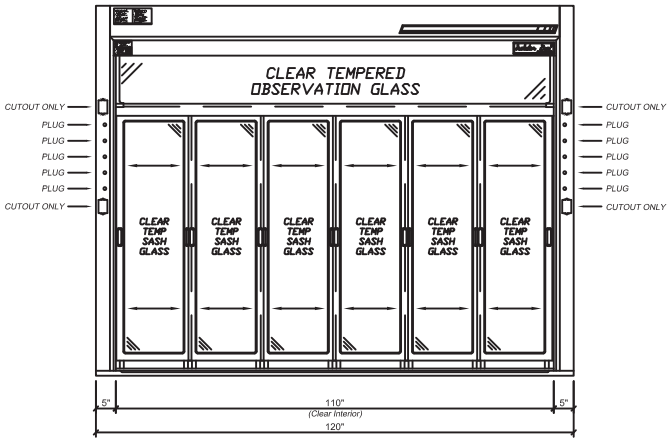


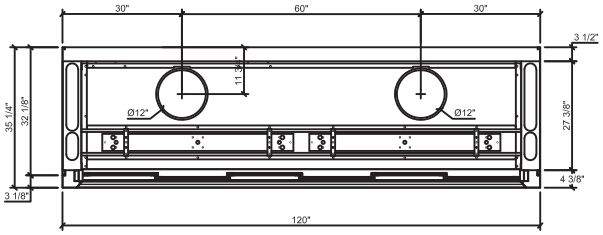
F-202-96G5 - 96" Wide



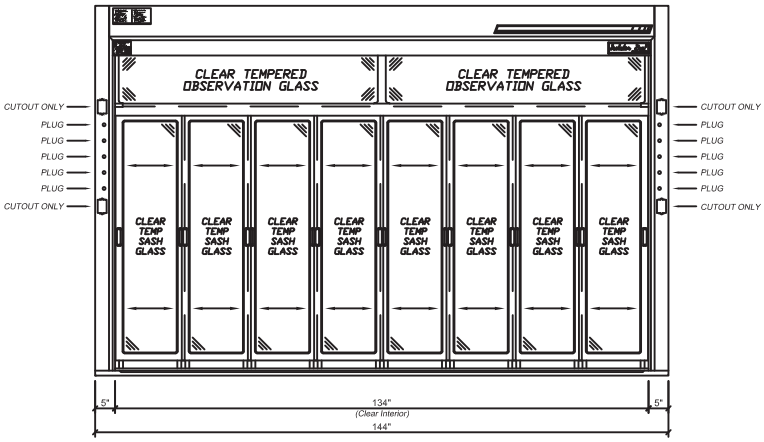


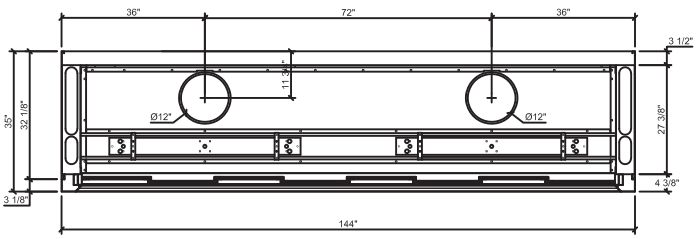
F-202-120G5 - 120" Wide





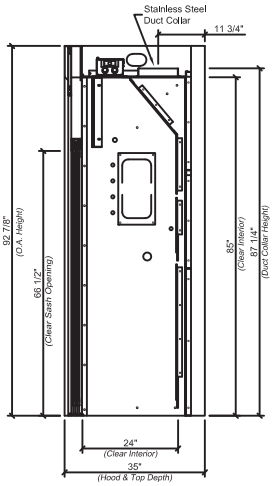
F-202-144G5 - 144" Wide



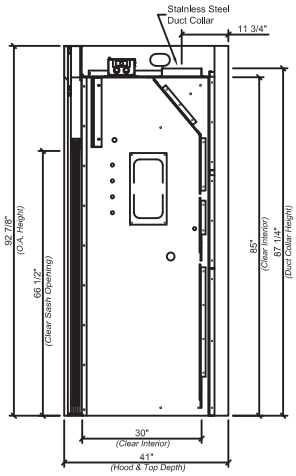


F-202 Gen-5 Floor Mounted Fume Hood

Section - Standard Depth



Section - 30" Deep



F-203 Isolator Gen-5 Floor Mounted Fume Hood - Framed Vertical Sash

ISOLATOR Gen-5 Floor Mounted Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to be used with or without an epoxy floor.
The ISOLATOR Gen-5 floor mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash opera on available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable opera on; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with epoxy urethane coated steel frames. Optional laminated safety glass or polycarbonate available for special applications. Hood has framed vertical sashes with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

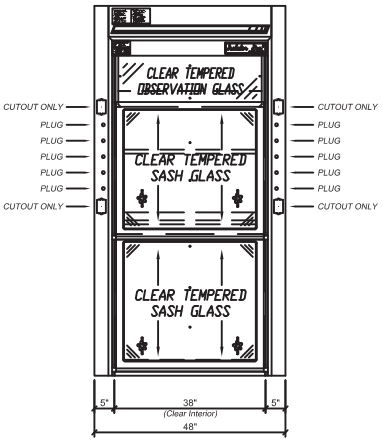
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

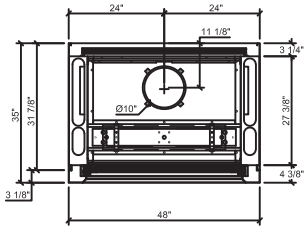
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	31 1/2" Vertical Open Upper Sash @ 100 FPM	18" Vertical Open @ 100 FPM
F-203-48G5	48"	24"	1:10"	858 CFM @ .39" SP	501 CFM @ .13" SP
F-203-48G5D30	48"	30"	1:10"	858 CFM @ .39" SP	501 CFM @ .13" SP
F-203-60G5	60"	24"	1:12"	1128 CFM @ .37" SP	660 CFM @ .13" SP
F-203-60G5D30	60"	30"	1:12"	1128 CFM @ .37" SP	660 CFM @ .13" SP
F-203-72G5	72"	24"	1:12"	1399 CFM @ .57" SP	818 CFM @ .19" SP
F-203-72G5D30	72"	30"	1:12"	1399 CFM @ .57" SP	818 CFM @ .19" SP
F-203-96G5	96"	24"	2:10"	1941 CFM @ .50" SP	1135 CFM @ .17" SP
F-203-96G5D30	96"	30"	2:10"	1941 CFM @ .50" SP	1135 CFM @ .17" SP
F-203-120G5	120"	24"	2:12"	2483 CFM @ .45" SP	1451 CFM @ .15" SP
F-203-120G5D30	120"	30"	2:12"	2483 CFM @ .45" SP	1451 CFM @ .15" SP
F-203-144G5	144"	24"	2:12"	3024 CFM @ .66" SP	1768 CFM @ .23" SP
F-203-144G5D30	144"	30"	2:12"	3024 CFM @ .66" SP	1768 CFM @ .23" SP

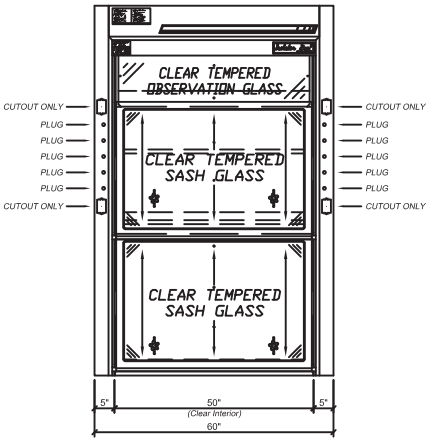
F-203 Gen-5 Floor Mounted Fume Hood

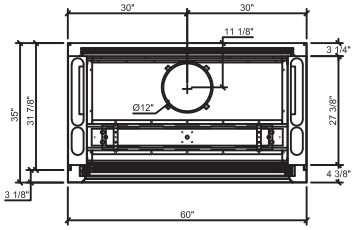
F-203-48G5 - 48" Wide



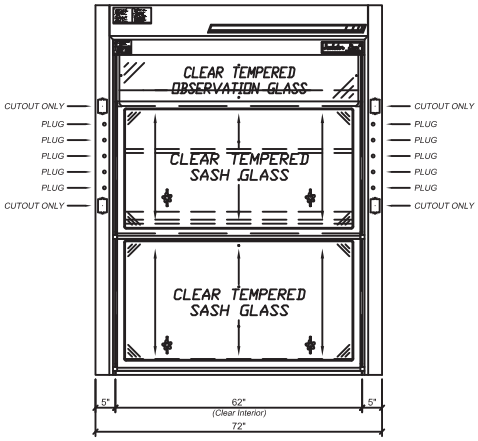


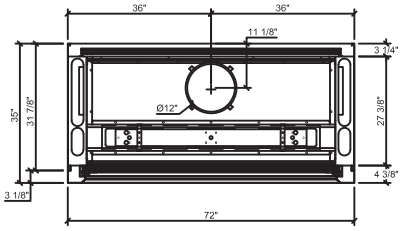
F-203-60G5 - 60" Wide



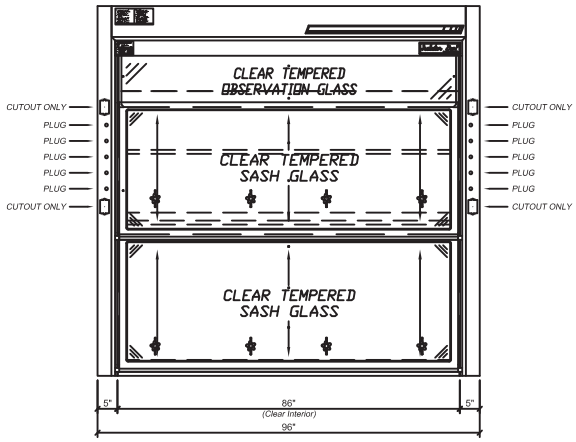


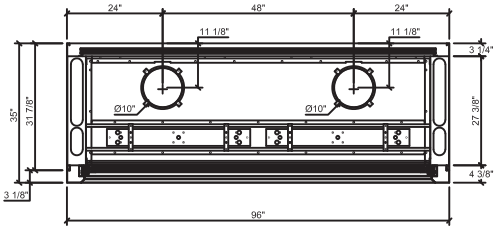
F-203-72G5 - 72" Wide



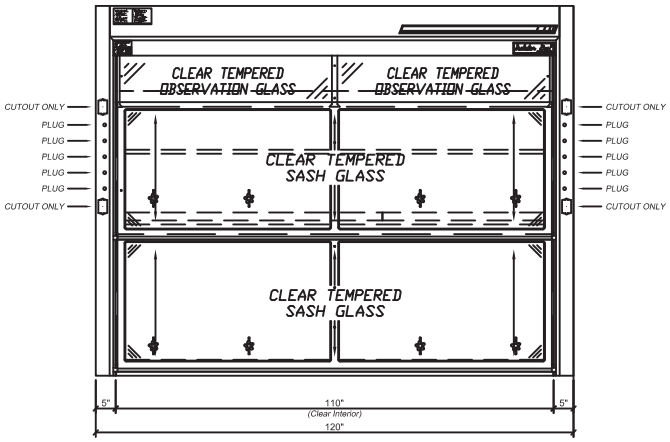


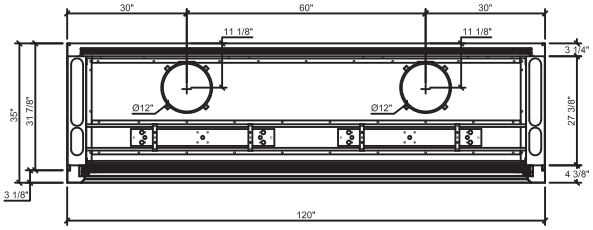
F-203-96G5 - 96" Wide



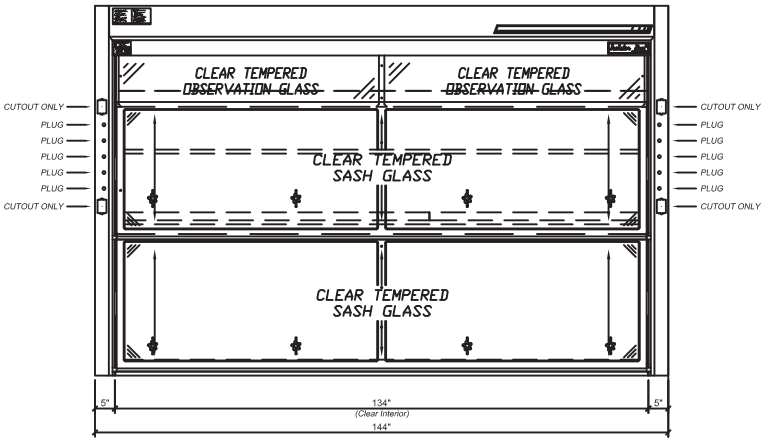


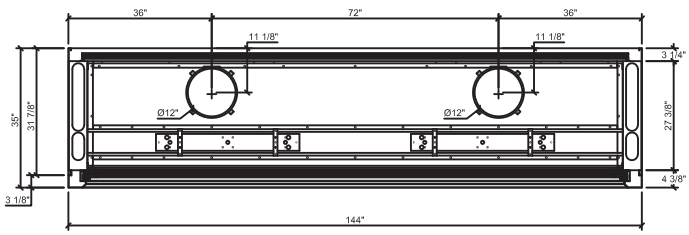
F-203-120G5 - 120" Wide





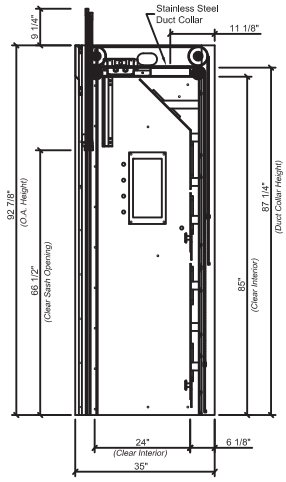
F-203-144G5 - 144" Wide



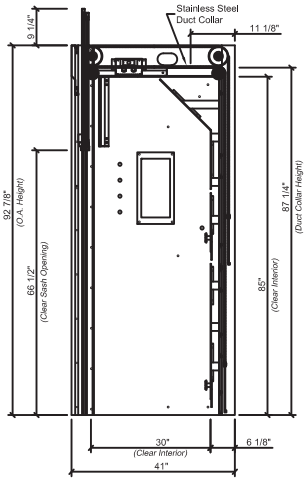


F-203 Gen-5 Floor Mounted Fume Hood

Section - Standard Depth



Section - 30" Deep



F-210 Isolator³ Gen-5 High Performance Floor Mounted Hood

F-210 Isolator³ Gen-5 High Performance Fume Hood - Frameless Sash

ISOLATOR³ Floor Mounted Fume Hood - The high performance fume hood is designed with energy conservation in mind and is ideally suited for environments in which less volume of air is desired. The ICI fume hood has been independently tested and proven to perform at face velocities at between 60 and 63 FPM without auxiliary devices using a Modified ASHRAE test as opposed to the traditional 100FPM. Hoods are cross-draft tested at a constant 58 FPM. This test places the hood under extreme conditions beyond normal. The ISOLATOR³ floor mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel handles. Optional laminated safety glass or polycarbonate available for special applications. Hood has a frameless vertical sash with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

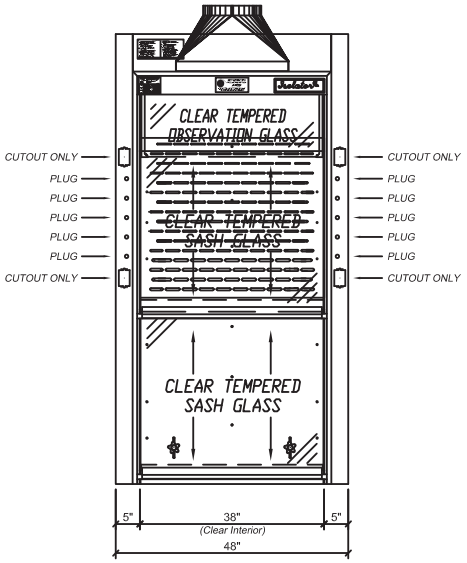
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

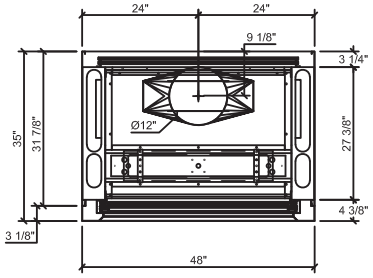
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	24" Vertical Open @ 60 FPM	18" Vertical Open @ 80 FPM
F-210-48G5	48"	24"	1:12"	380 CFM @ .12" SP	380 CFM @ .12" SP
F-210-60G5	60"	24"	1:12"	500 CFM @ .11" SP	500 CFM @ .11" SP
F-210-72G5	72"	24"	1:12"	620 CFM @ .17" SP	620 CFM @ .17" SP
F-210-96G5	96"	24"	2:12"	860 CFM @ .15" SP	860 CFM @ .15" SP

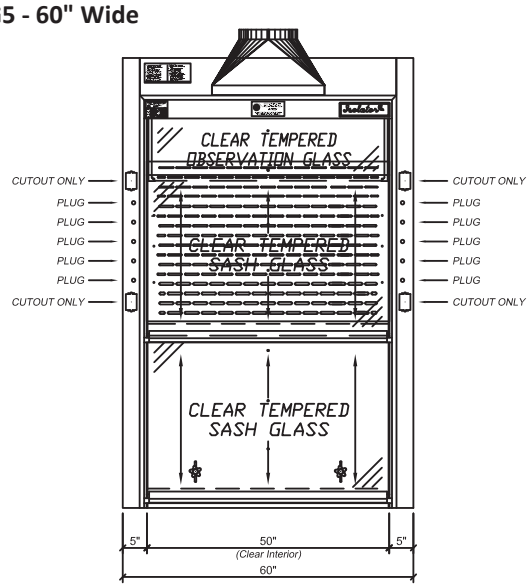
F-210 Isolator^3 Gen-5 High Performance Floor Mounted Hood

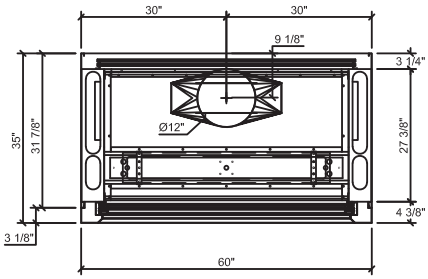
F-210-48G5 - 48" Wide



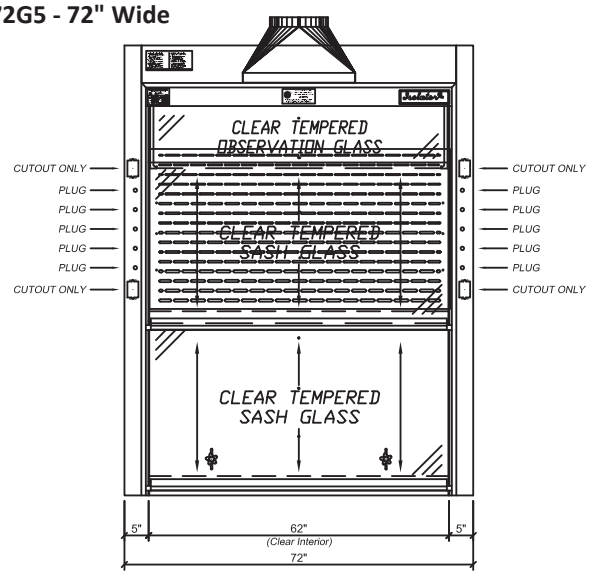


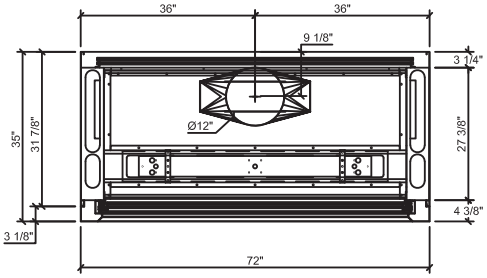
F-210-60G5 - 60" Wide





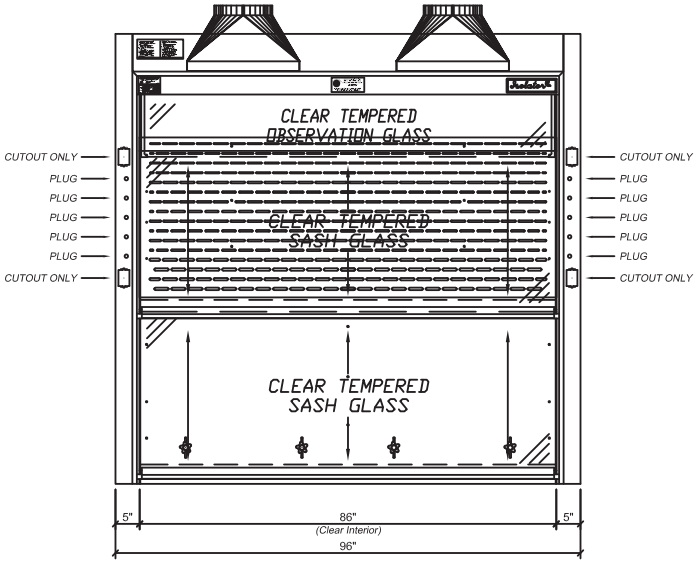
F-210-72G5 - 72" Wide

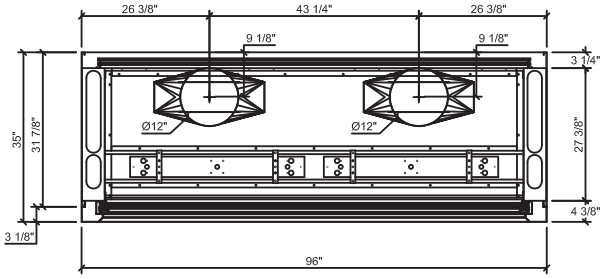




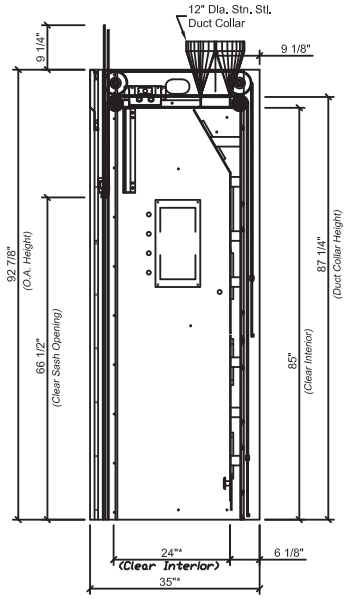
F-210 Isolator^3 Gen-5 High Performance Floor Mounted Hood

F-210-96G5 - 96" Wide





Section - Standard Depth



F-211 Isolator³ Gen-5 High Performance Floor Mounted Hood

F-211 Isolator³ Gen-5 High Performance Fume Hood - Combination Sash

ISOLATOR³ Floor Mounted Fume Hood - The high performance fume hood is designed with energy conservation in mind and is ideally suited for environments in which less volume of air is desired. The ICI fume hood has been independently tested and proven to perform at face velocities at between 60 and 63 FPM without auxiliary devices using a Modified ASHRAE test as opposed to the traditional 100FPM. Hoods are cross-draft tested at a constant 58 FPM. This test places the hood under extreme conditions beyond normal. The ISOLATOR³ floor mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable opera on; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an stainless steel frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has one combination and one framed vertical sash with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

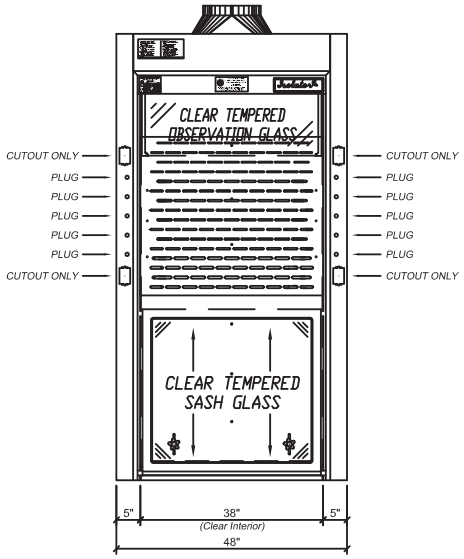
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

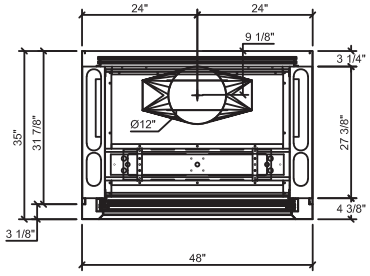
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	24" Vertical Open @ 60 FPM	18" Vertical Open @ 80 FPM
F-211-48G5	48"	24"	1:12"	380 CFM @ .12" SP	380 CFM @ .12" SP
F-211-60G5	60"	24"	1:12"	500 CFM @ .11" SP	500 CFM @ .11" SP
F-211-72G5	72"	24"	1:12"	620 CFM @ .17" SP	620 CFM @ .17" SP
F-211-96G5	96"	24"	2:12"	860 CFM @ .15" SP	860 CFM @ .15" SP

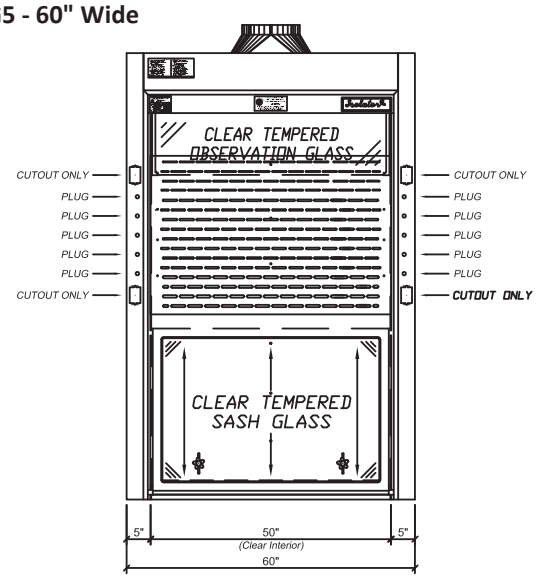
F-211 Isolator^3 Gen-5 High Performance Floor Mounted Hood

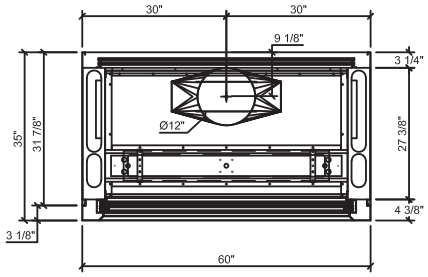
F-211-48G5 - 48" Wide



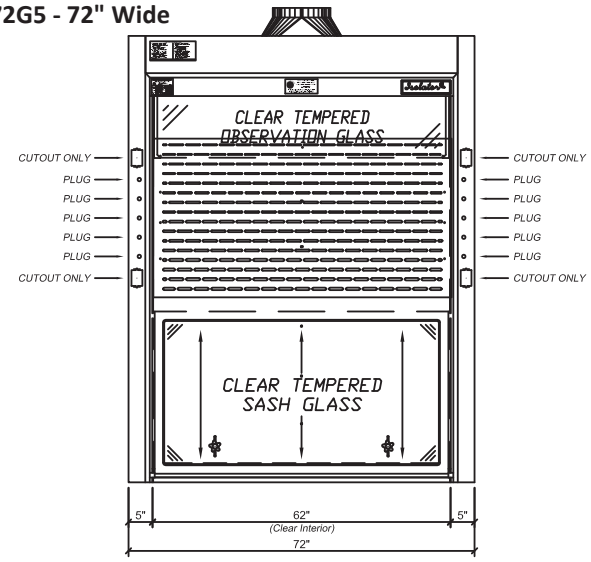


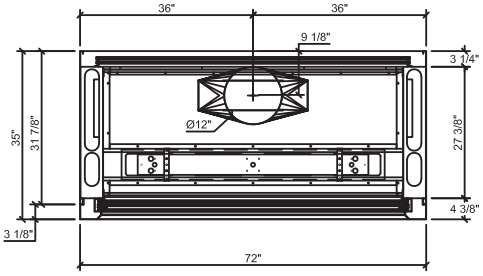
F-211-60G5 - 60" Wide





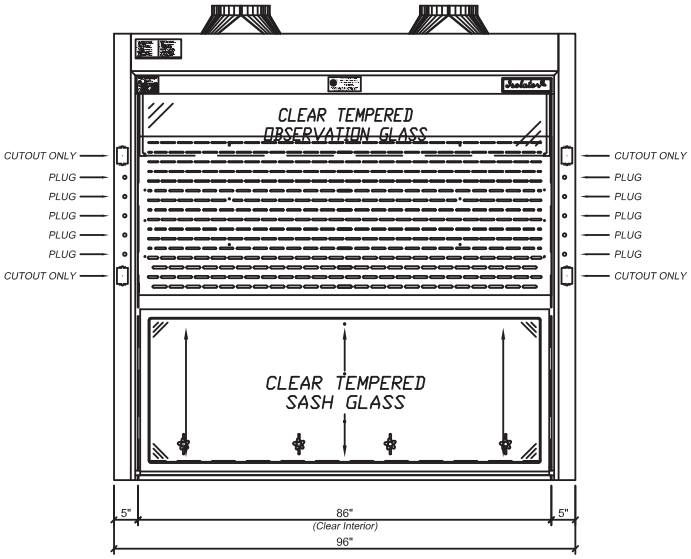
F-211-72G5 - 72" Wide

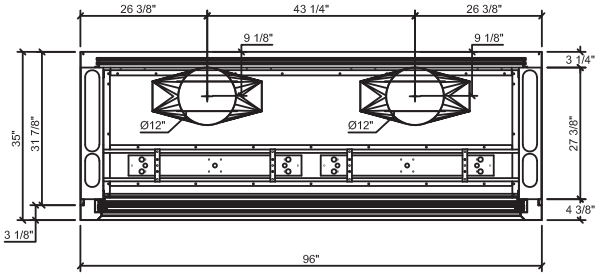




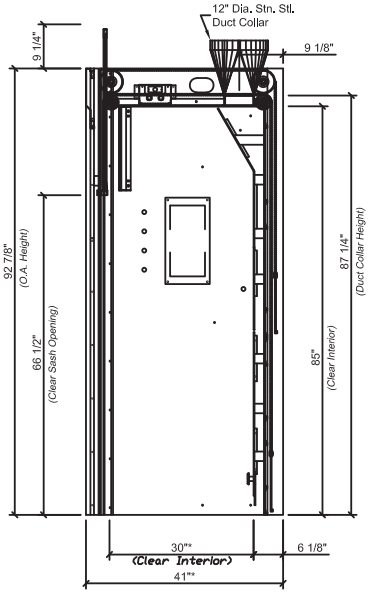
F-211 Isolator^3 Gen-5 High Performance Floor Mounted Hood

F-211-84G5 - 84" Wide





Section - Standard Depth



F-213 Isolator³ Gen-5 High Performance Floor Mounted Hood

F-213 Isolator³ Gen-5 High Performance Fume Hood - Framed Sash

ISOLATOR³ Floor Mounted Fume Hood - The high performance fume hood is designed with energy conservation in mind and is ideally suited for environments in which less volume of air is desired. The ICI fume hood has been independently tested and proven to perform at face velocities at between 60 and 63 FPM without auxiliary devices using a Modified ASHRAE test as opposed to the traditional 100FPM. Hoods are cross-draft tested at a constant 58 FPM. This test places the hood under extreme conditions beyond normal. The ISOLATOR³ floor mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash opera on available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable opera on; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with epoxy urethane coated steel frames. Optional laminated safety glass or polycarbonate available for special applications. Hood has framed vertical sashes with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

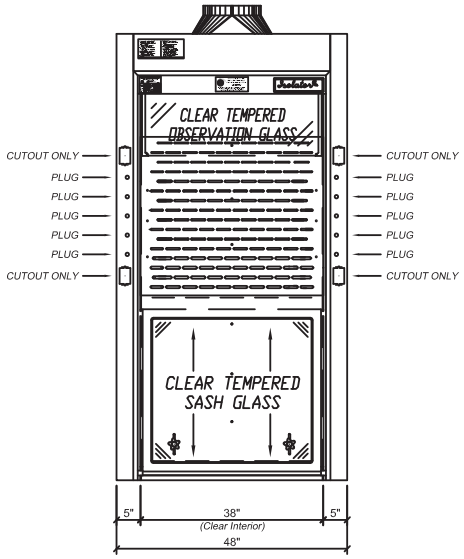
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

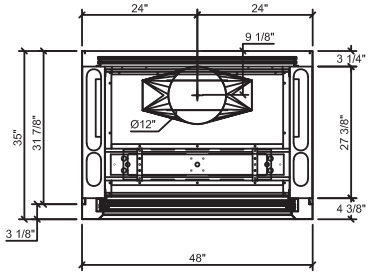
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	24" Vertical Open @ 60 FPM	18" Vertical Open @ 80 FPM
F-213-48G5	48"	24"	1:12"	380 CFM @ .12" SP	380 CFM @ .12" SP
F-213-60G5	60"	24"	1:12"	500 CFM @ .11" SP	500 CFM @ .11" SP
F-213-72G5	72"	24"	1:12"	620 CFM @ .17" SP	620 CFM @ .17" SP
F-213-96G5	96"	24"	2:12"	860 CFM @ .15" SP	860 CFM @ .15" SP

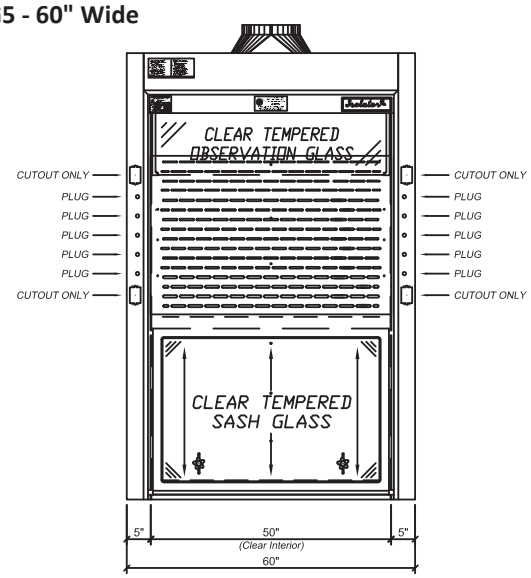
F-213 Isolator^3 Gen-5 High Performance Floor Mounted Hood

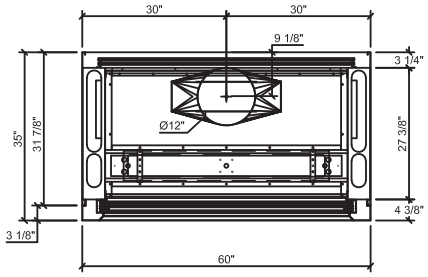
F-213-48G5 - 48" Wide



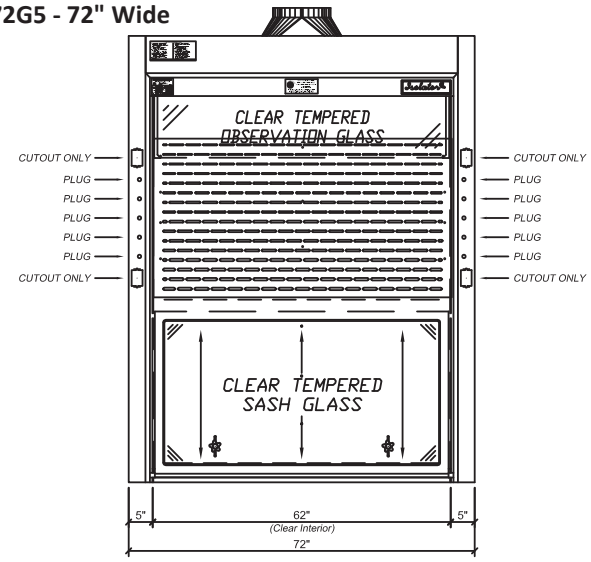


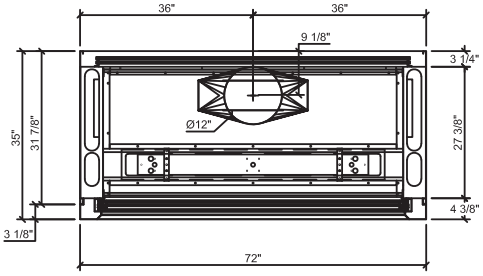
F-213-60G5 - 60" Wide





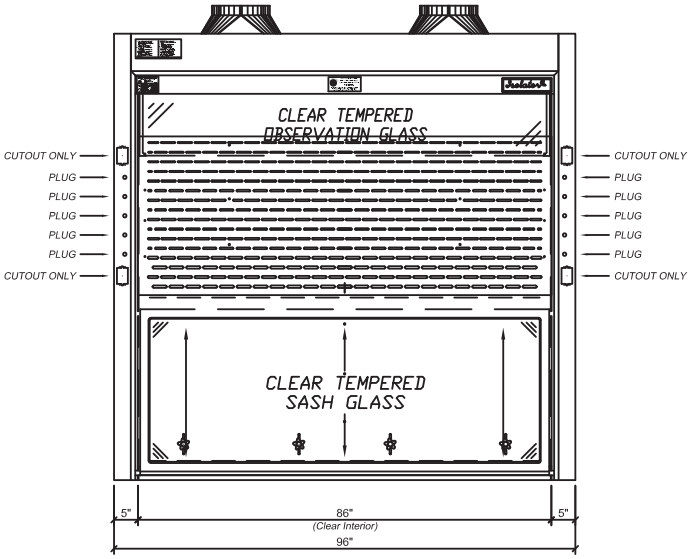
F-213-72G5 - 72" Wide

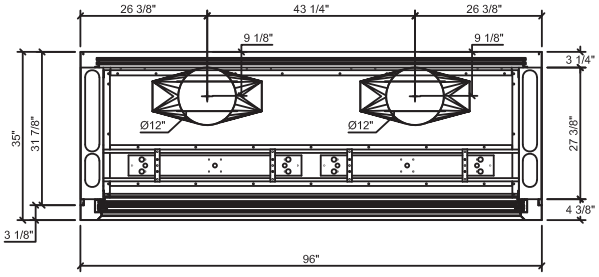




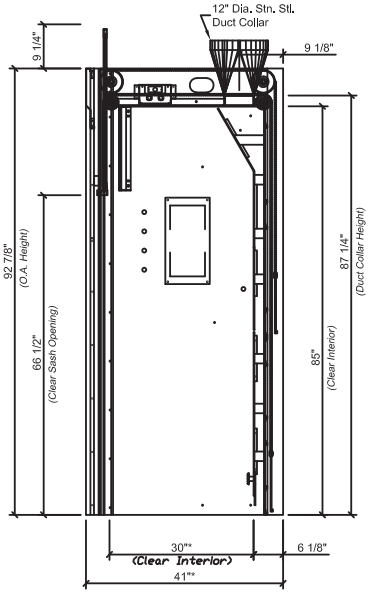
F-213 Isolator^3 Gen-5 High Performance Floor Mounted Hood

F-213-96G5 - 96" Wide





Section - Standard Depth



F-250 Gen-5 Floor Mounted Fume Hood

F-250 Isolator Gen-5 Floor Mounted Fume Hood - Double Depth - Frameless Vertical Sash

ISOLATOR Gen-5 Floor Mounted Fume Hood - This special purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to be used with or without an epoxy floor. The ISOLATOR Gen-5 double depth floor mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash opera on available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable opera on; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has one combination and one framed vertical sash with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

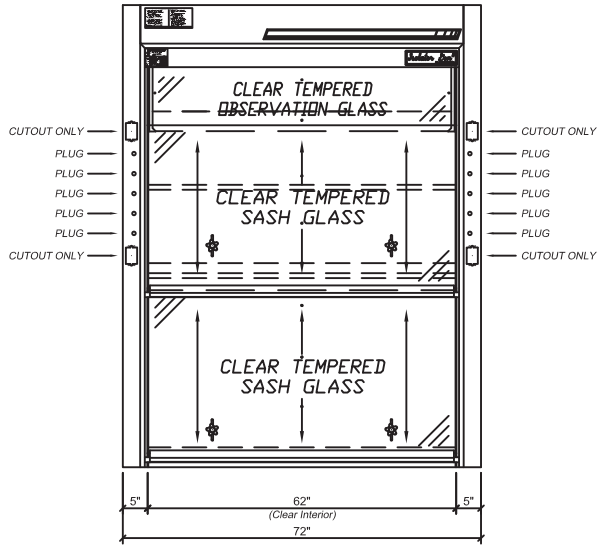
Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

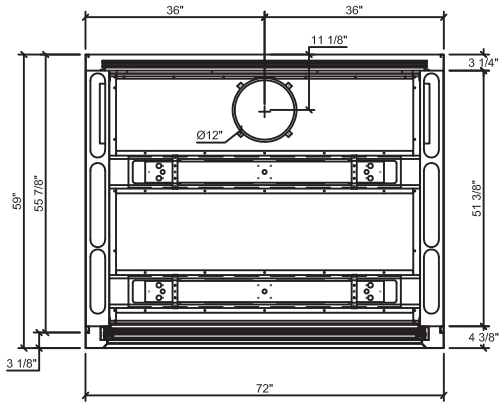
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

Rendering shown with optional features

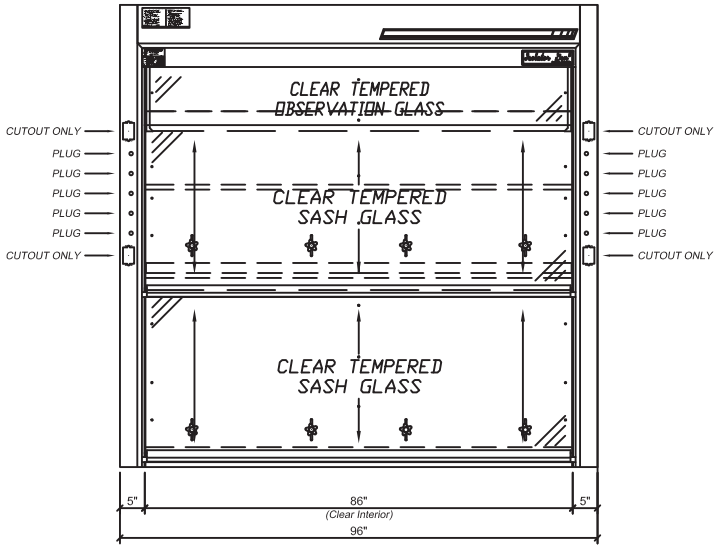
Catalog Number	Width	Clear Interior Depth	Duct Diameter	31 1/2" Vertical Open Upper Sash @ 100 FPM	18" Vertical Open @ 100 FPM
F-250-72G5	72"	48"	1:12"	1399 CFM @ .57" SP	818 CFM @ .19" SP
F-250-96G5	96"	48"	2:10"	1941 CFM @ .50" SP	1135 CFM @ .17" SP

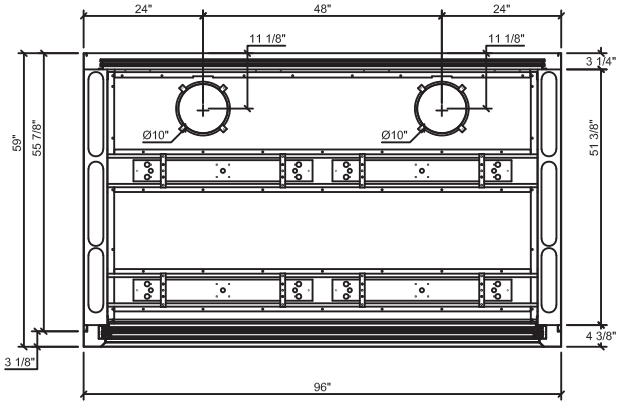
F-250-72G5 - 72" Wide



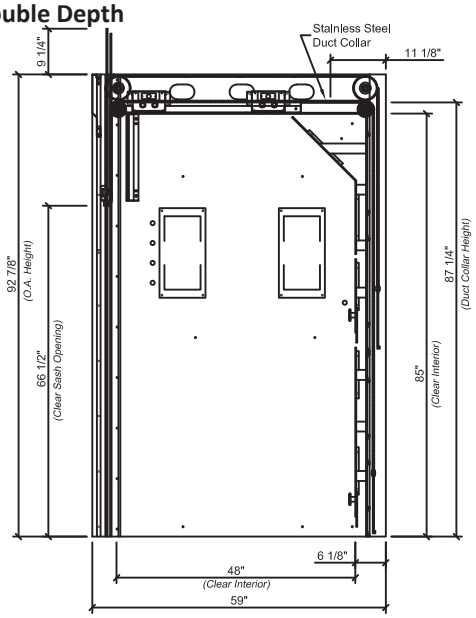


F-250-96G5 - 96" Wide





Section - Double Depth



F-251 Gen-5 Floor Mounted Fume Hood

F-251 Isolator Gen-5 Floor Mounted Fume Hood - Double Depth - Combination Sash

ISOLATOR Gen-5 Floor Mounted Fume Hood - This special purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to be used with or without an epoxy floor. The ISOLATOR Gen-5 double depth floor mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash opera on available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable opera on; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with a stainless steel frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has one combination and one framed vertical sash with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

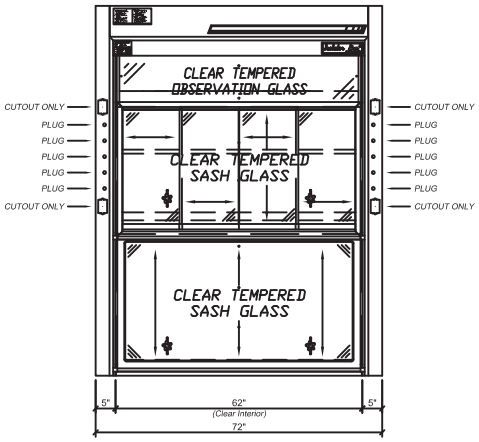
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

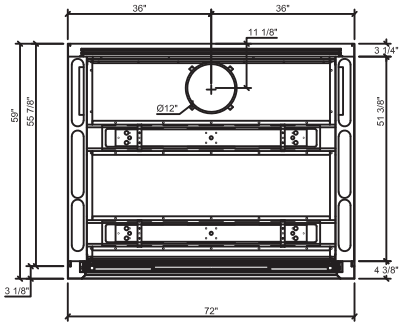
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	31 1/2" Vertical Open Upper Sash @ 100 FPM	18" Vertical Open @ 100 FPM	50% Horizontal Open @ 100 FPM
F-251-72G5	72"	48"	1:12"	1399 CFM @ .57" SP	818 CFM @ .19" SP	739 CFM @ .16" SP
F-251-96G5	96"	48"	2:10"	1941 CFM @ .50" SP	1135 CFM @ .17" SP	1035 CFM @ .14" SP
F-251-120G5	120"	48"	2:12"	2483 CFM @ .45" SP	1451 CFM @ .15" SP	1330 CFM @ .13" SP
F-251-144G5	144"	48"	2:12"	3024 CFM @ .66" SP	1768 CFM @ .23" SP	1628 CFM @ .19" SP

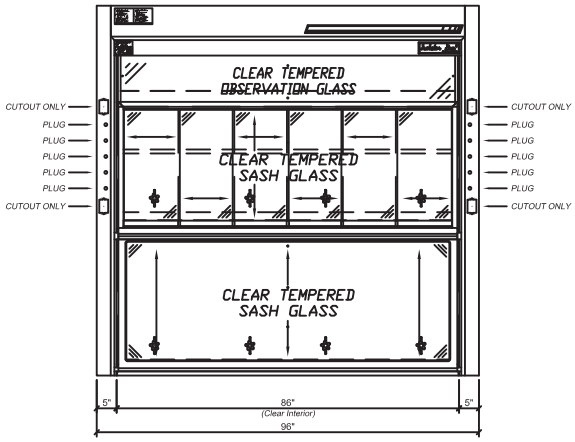
50% open may be achieved two ways: 1. vertical sash open 14", horizontal panels closed or 2. vertical sash closed, horizontal panels full open

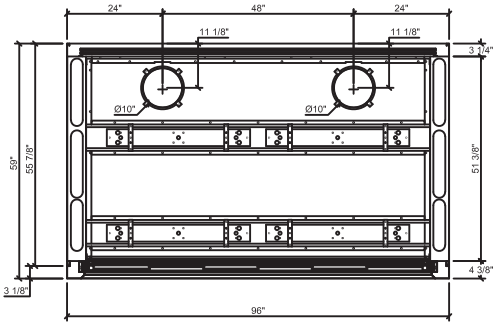
F-251-72G5 - 72" Wide



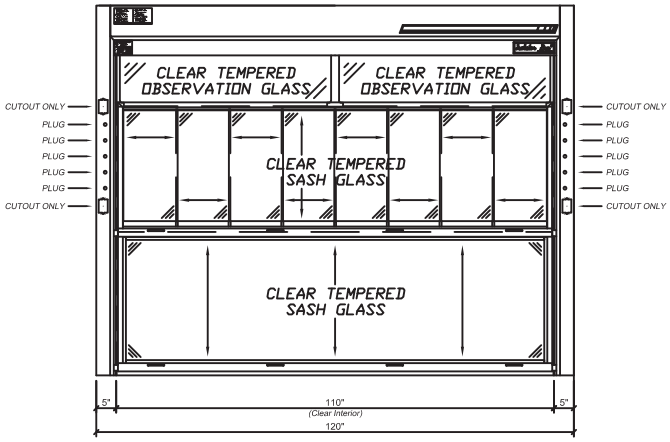


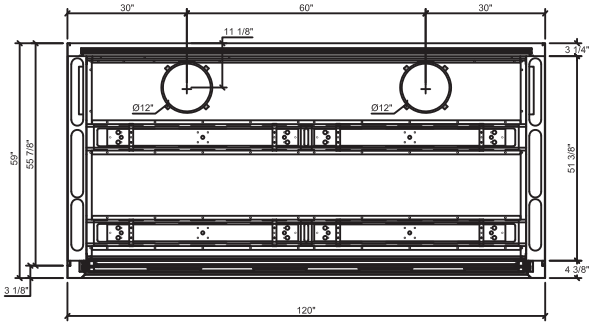
F-251-96G5 - 96" Wide





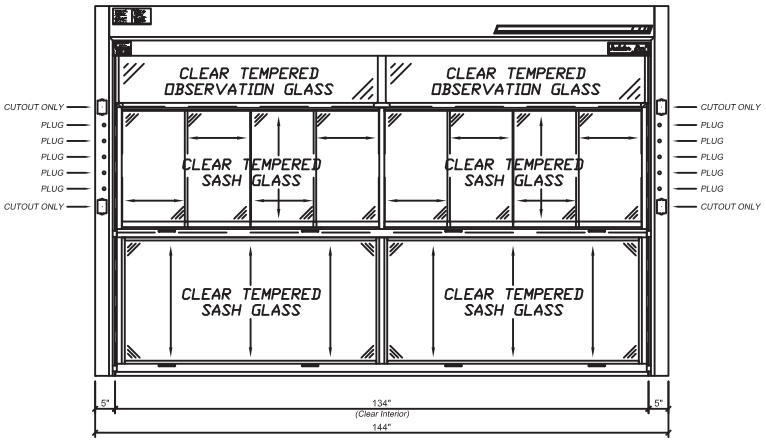
F-251-120G5 - 120" Wide

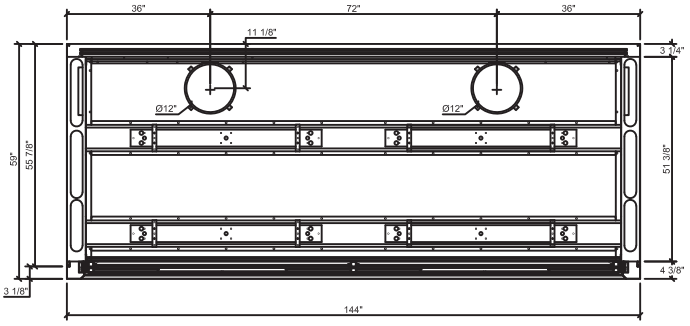




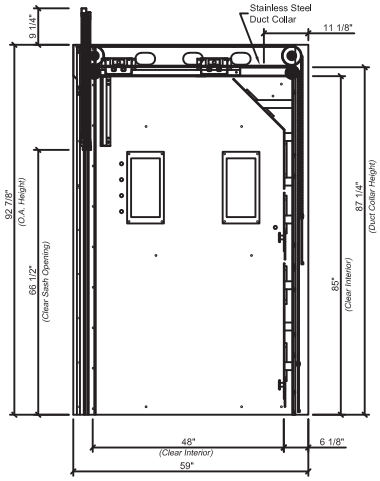
F-251 Gen-5 Floor Mounted Fume Hood

F-251-144G5 - 144" Wide





Section - Double Depth



F-252 Isolator Gen-5 Floor Mounted Fume Hood - Double Depth - Horizontal Sash

ISOLATOR Gen-5 Floor Mounted Fume Hood - This special purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to be used with or without an epoxy floor. The ISOLATOR Gen-5 double depth floor mounted fume hood is supplied with the following standard features:

Track System – Top hung roller bearing framed sashes offer an exceptional product life-cycle

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has framed horizontal sashes with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

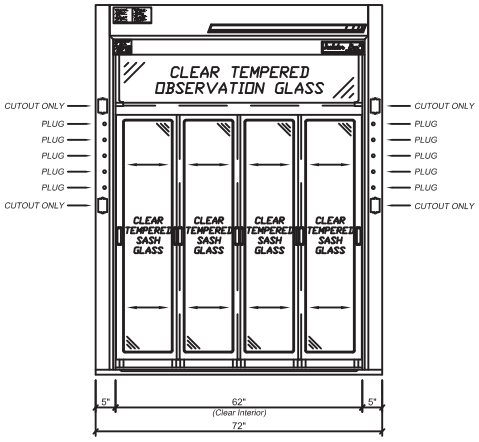
Rendering shown with optional features

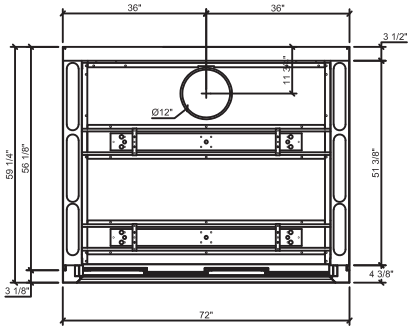
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Open Upper Sash @ 100 FPM	50% Horizontal Open @ 100 FPM
F-252-72G5	72"	48"	1:12"	N/A	1451 CFM @ .61" SP
F-252-96G5	96"	48"	2:10"	N/A	1994 CFM @ .53" SP
F-252-120G5	120"	48"	2:12"	N/A	2600 CFM @ .49" SP
F-252-144G5	144"	48"	2:12"	N/A	3144 CFM @ .72" SP

50% open may be achieved two ways: 1. vertical sash open 14", horizontal panels closed or 2. vertical sash closed, horizontal panels full open

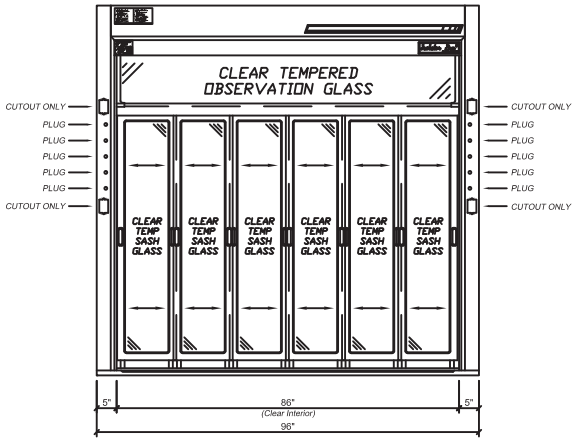
F-252 Gen-5 Floor Mounted Fume Hood

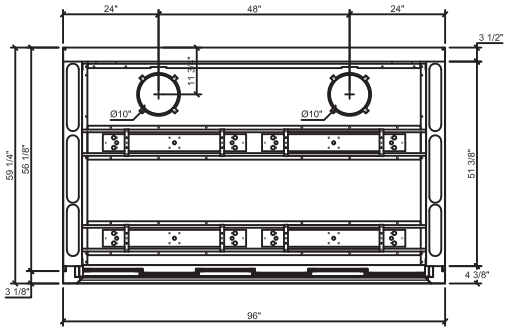
F-252-72G5 - 72" Wide



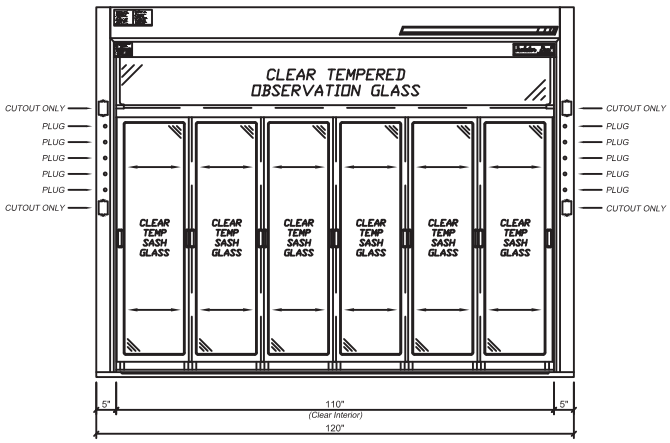


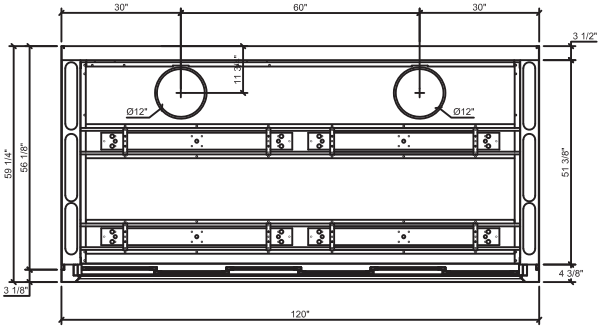
F-252-96G5 - 96" Wide



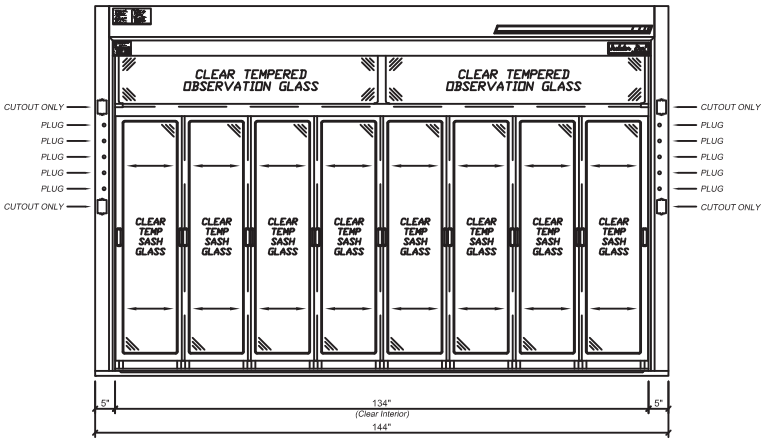


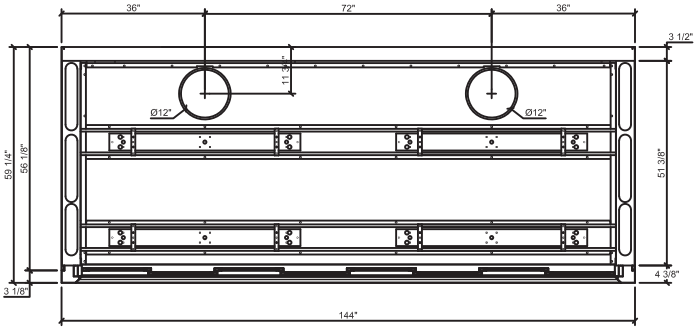
F-252-120G5 - 120" Wide



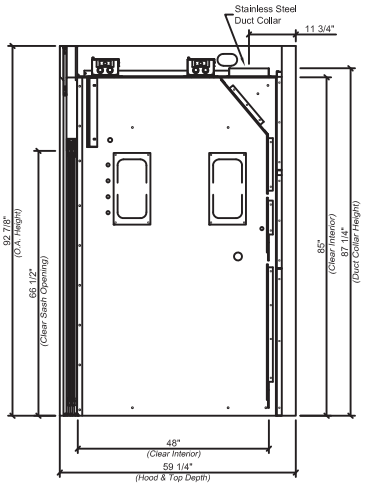


F-252-144G5 - 144" Wide





Section - Double Depth



F-253 Gen-5 Floor Mounted Fume Hood

F-253 Isolator Gen-5 Floor Mounted Fume Hood - Double Depth - Framed Vertical Sash

ISOLATOR Gen-5 Floor Mounted Fume Hood - This special purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to be used with or without an epoxy floor. The ISOLATOR Gen-5 double depth floor mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash opera on available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable opera on; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has framed vertical sashes with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

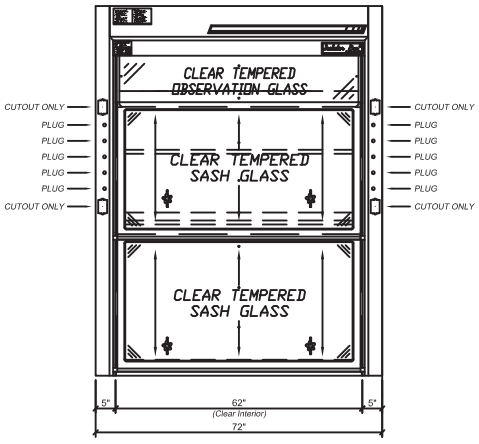
Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

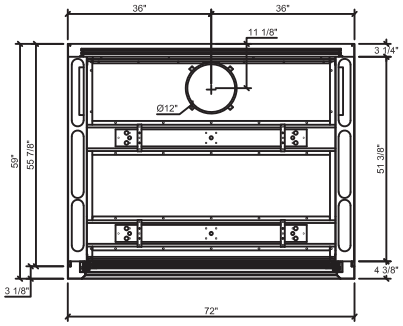
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

Rendering shown with optional features

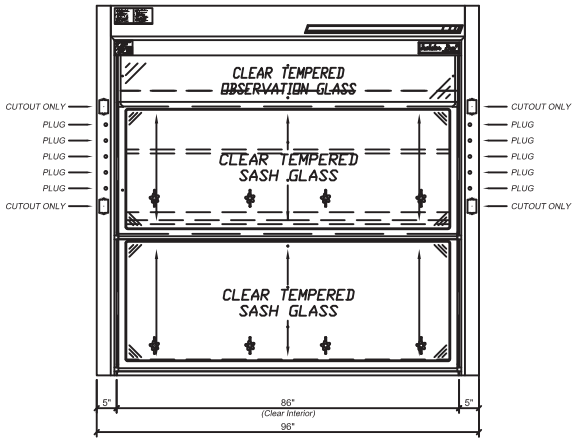
Catalog Number	Width	Clear Interior Depth	Duct Diameter	31 1/2" Vertical Open Upper Sash @ 100 FPM	18" Vertical Open Upper Sash @ 100 FPM
F-253-72G5	72"	48"	1:12"	1399 CFM @ .57" SP	818 CFM @ .19" SP
F-253-96G5	96"	48"	2:10"	1941 CFM @ .50" SP	1135 CFM @ .17" SP
F-253-120G5	120"	48"	2:12"	2483 CFM @ .45" SP	1451 CFM @ .15" SP
F-253-144G5	144"	48"	2:12"	3024 CFM @ .66" SP	1768 CFM @ .23" SP

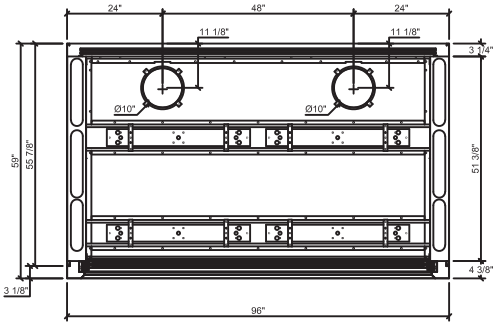
F-253-72G5 - 72" Wide



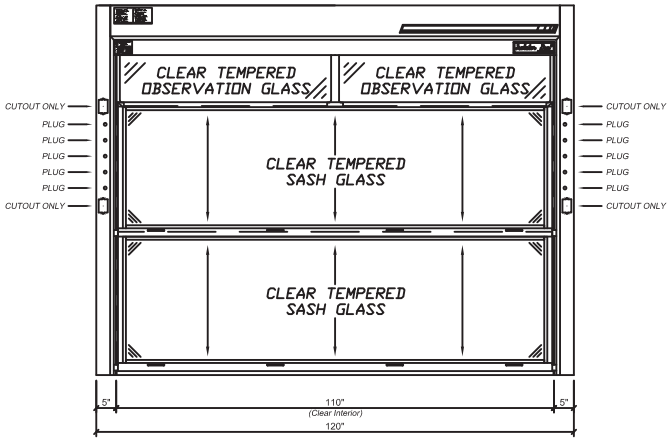


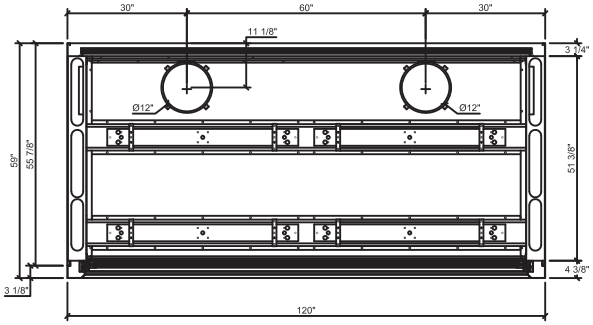
F-253-96G5 - 96" Wide





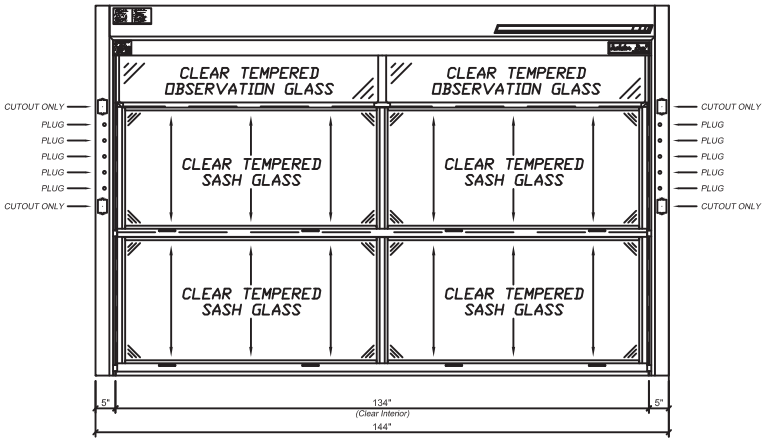
F-253-120G5 - 120" Wide

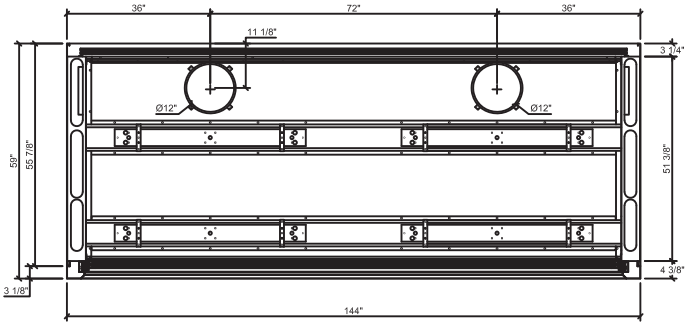




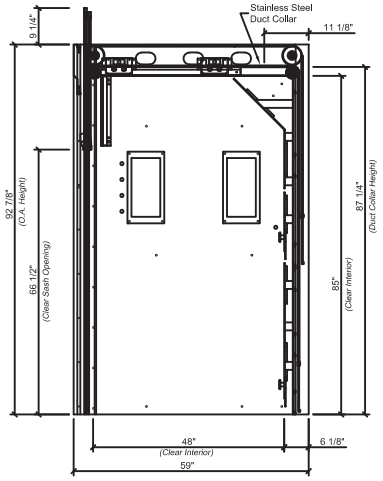
F-253 Gen-5 Floor Mounted Fume Hood

F-253-144G5 - 144" Wide





Section - Double Depth



F-292 Isolator Gen-5 Floor Mounted Fume Hood - Double Depth/Double Sided - Horizontal Sash

ISOLATOR Gen-5 Floor Mounted Fume Hood - This special purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to be used with or without an epoxy floor. The ISOLATOR Gen-5 double sided, double depth floor mounted fume hood is supplied with the following standard features:

Track System – Top hung roller bearing framed sashes offer an exceptional product life-cycle

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel frames. Optional laminated safety glass or polycarbonate available for special applications. Hood has framed horizontal sashes with a superior exterior sightline.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

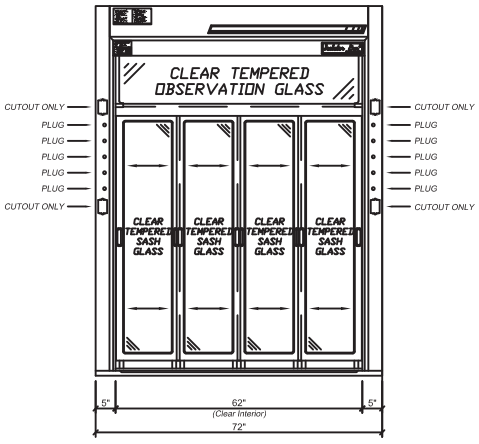
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

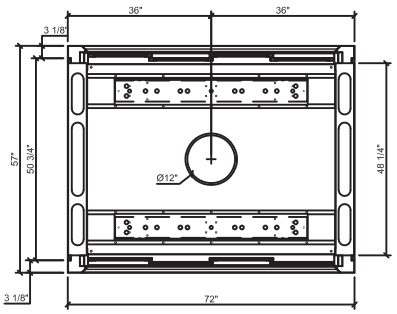
Catalog Number	Width	Clear Interior Depth	Duct Diameter	31 1/2" Vertical Open Upper Sash @ 100 FPM	50% Horizontal Open @ 100 FPM
F-292-72G5	72"	48"	1:10"	N/A	1624 CFM @ .76" SP
F-292-96G5	96"	48"	2:10"	N/A	2235 CFM @ .66" SP
F-292-120G5	120"	48"	2:12"	N/A	2907 CFM @ .61" SP
F-292-144G5	144"	48"	2:12"	N/A	3518 CFM @ .90" SP

*Note: Only one side open at a time

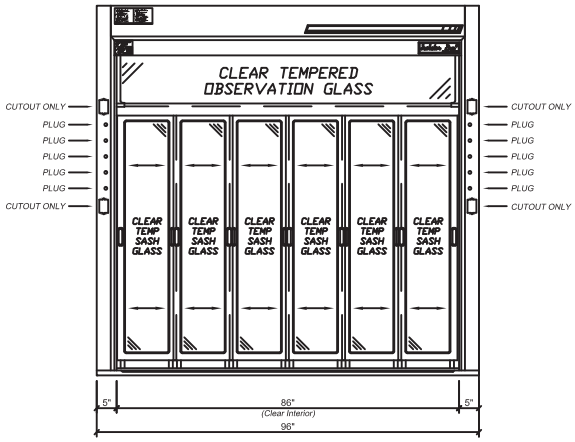
F-292 Gen-5 Floor Mounted Fume Hood

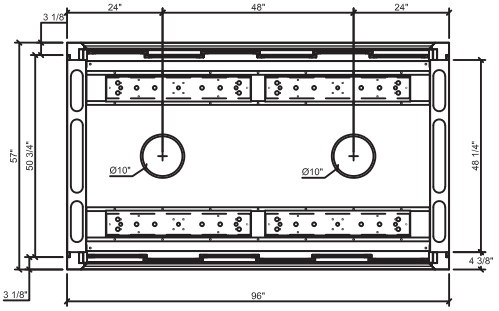
F-292-72G5 - 72" Wide



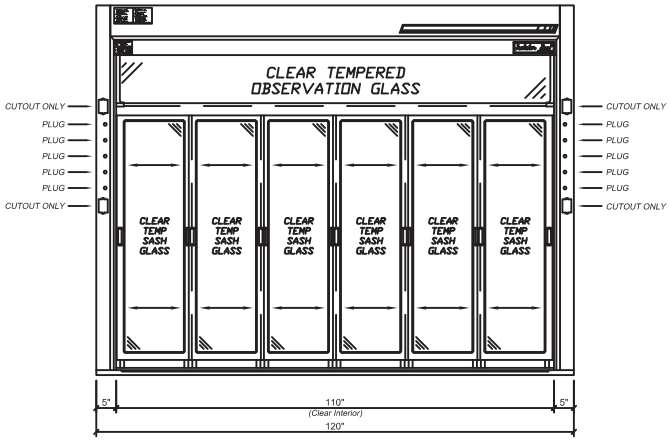


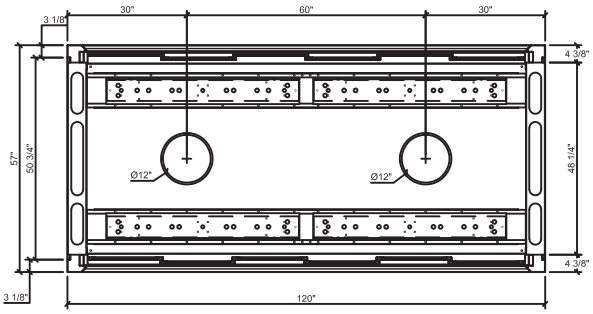
F-292-96G5 - 96" Wide



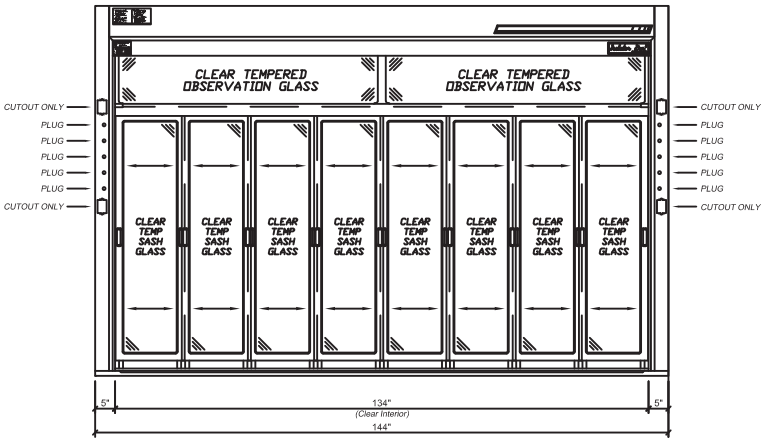


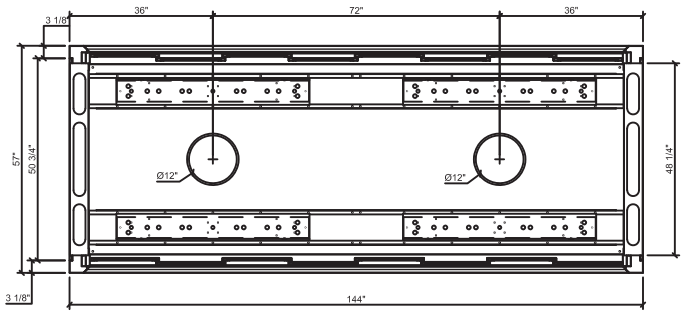
F-292-120G5 - 120" Wide



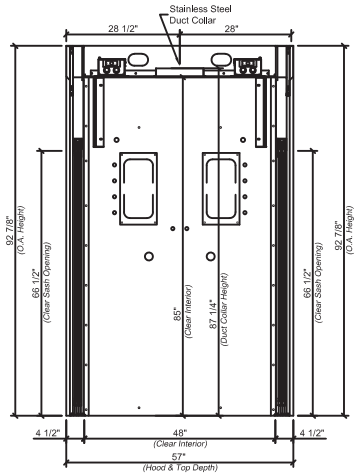


F-292-144G5 - 144" Wide





Section - Double Depth



F-350 Isolator³ Gen-5 High Performance Bench Hood

F-350 Isolator³ Gen-5 High Performance Fume Hood - Frameless Sash

ISOLATOR³ Bench Fume Hood - The high performance fume hood is designed with energy conservation in mind, and is ideally suited for environments in which less volume of air is desired. The ICI fume hood has been independently tested and proven to perform at face velocities at between 60 and 63 fpm without auxiliary devices using a Modified ASHRAE test as opposed to the traditional 100FPM. Hoods are cross-draft tested at a constant 58 FPM. This test places the hood under extreme conditions beyond normal ASHRAE testing protocol. Designed to mount on a 31" deep countertop. The ISOLATOR³ fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel handle. Optional laminated safety glass or polycarbonate available for special applications. Hood has a frameless vertical sash with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

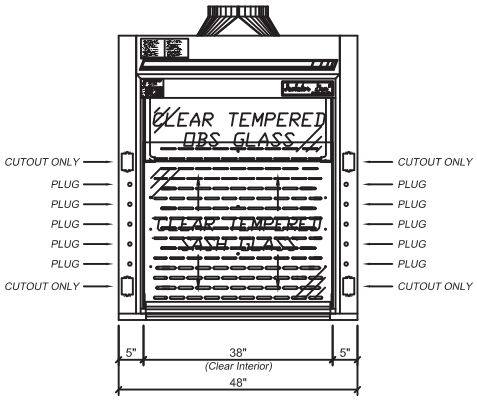
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

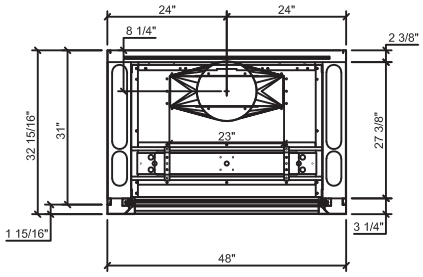
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	24" Vertical Open @ 60 FPM	18" Vertical Open @ 80 FPM
F-350-48G5	48"	24"	1:12"	380 CFM @ .12" SP	380 CFM @ .12" SP
F-350-60G5	60"	24"	1:12"	500 CFM @ .11" SP	500 CFM @ .11" SP
F-350-72G5	72"	24"	1:12"	620 CFM @ .17" SP	620 CFM @ .17" SP
F-350-84G5	84"	24"	1:12"	740 CFM @ .20" SP	740 CFM @ .20" SP
F-350-96G5	96"	24"	2:12"	860 CFM @ .15" SP	860 CFM @ .15" SP

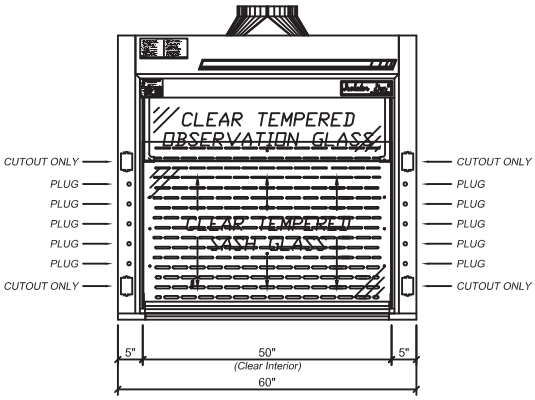
F-350 Isolator³ Gen-5 High Performance Bench Hood

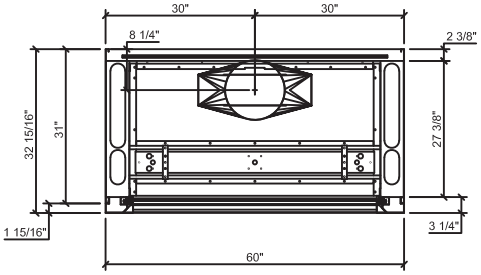
F-350-48G5 - 48" Wide



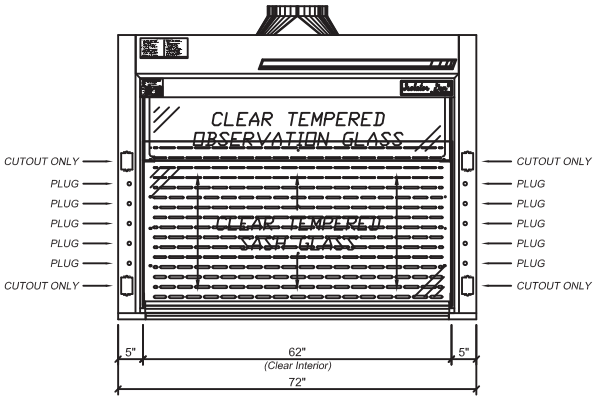


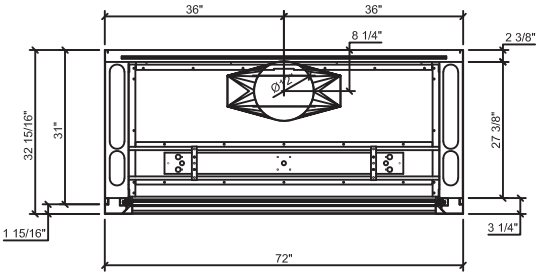
F-350-60G5 - 60" Wide





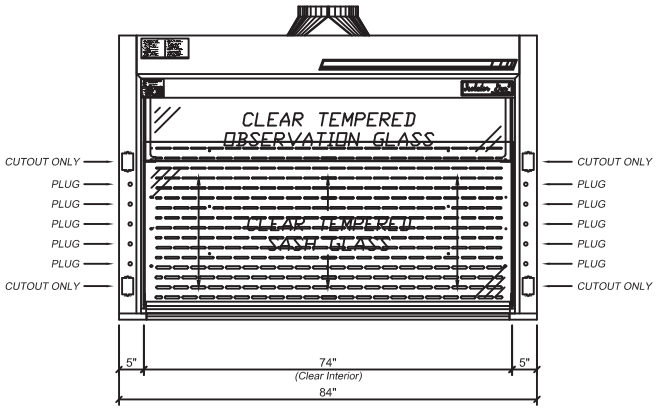
F-350-72G5 - 72" Wide

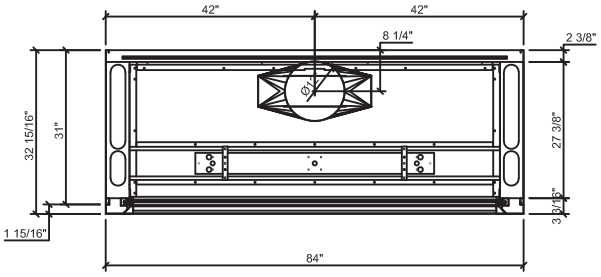




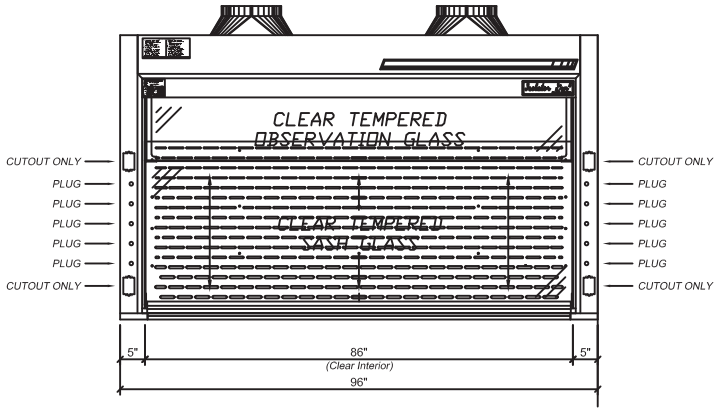
F-350 Isolator^3 Gen-5 High Performance Bench Hood

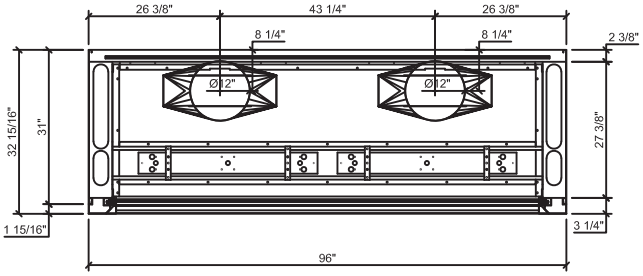
F-350-84G5 - 84" Wide



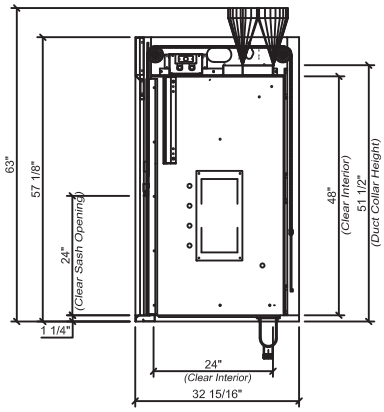


F-350-96G5 - 96" Wide





Section - Standard Depth



F-350 Isolator³ Gen-5 ADA High Performance Fume Hood - Frameless Sash

ISOLATOR³ ADA Bench Fume Hood - The high performance fume hood is designed with energy conservation in mind, and is ideally suited for environments in which less volume of air is desired. The ICI fume hood has been independently tested and proven to perform at face velocities at between 60 and 63 FPM without auxiliary devices using a Modified ASHRAE test as opposed to the traditional 100FPM. Hoods are cross-draft tested at a constant 58 FPM. This test places the hood under extreme conditions beyond normal ASHRAE testing protocol. Designed to mount on a 31" deep countertop. The ISOLATOR³ fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash opera on available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel handle. Optional laminated safety glass or polycarbonate available for special applications. Hood has a frameless vertical sash with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of one plumbing fitting per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

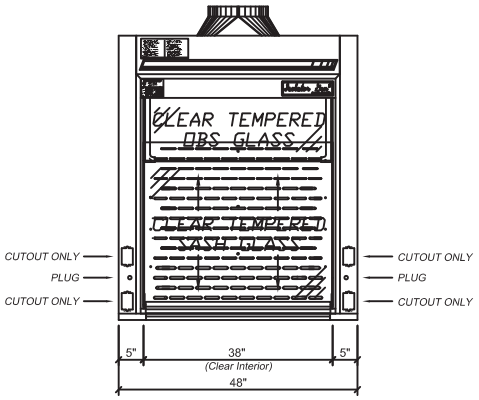
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

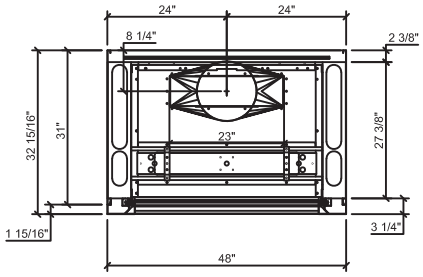
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	24" Vertical Open @ 60 FPM	18" Vertical Open @ 80 FPM
F-350-48G5-ADA	48"	24"	1:12"	380 CFM @ .12" SP	380 CFM @ .12" SP
F-350-60G5-ADA	60"	24"	1:12"	500 CFM @ .11" SP	500 CFM @ .11" SP
F-350-72G5-ADA	72"	24"	1:12"	620 CFM @ .17" SP	620 CFM @ .17" SP
F-350-84G5-ADA	84"	24"	1:12"	740 CFM @ .20" SP	740 CFM @ .20" SP
F-350-96G5-ADA	96"	24"	2:12"	860 CFM @ .15" SP	860 CFM @ .15" SP

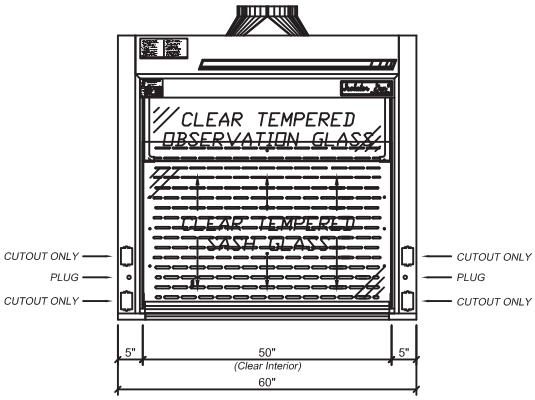
F-350 Isolator^3 Gen-5 ADA High Performance Bench Hood

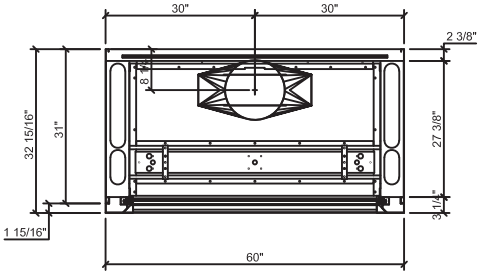
F-350-48G5-ADA - 48" Wide



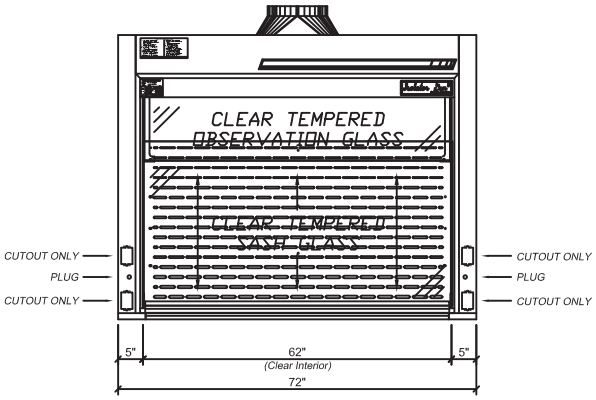


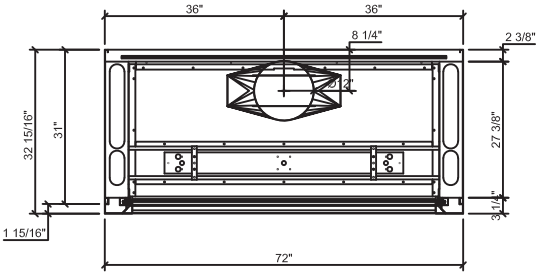
F-350-60G5-ADA - 60" Wide





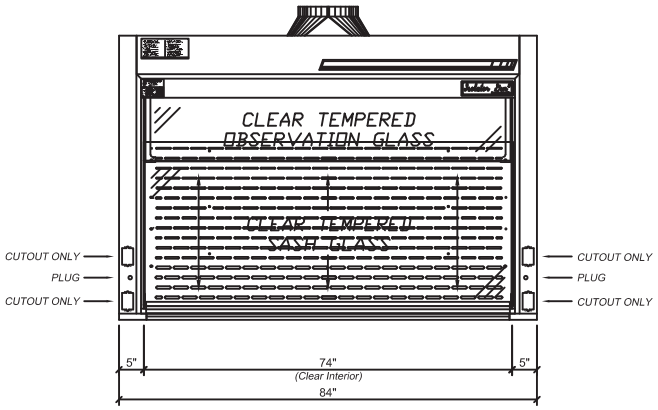
F-350-72G5-ADA - 72" Wide

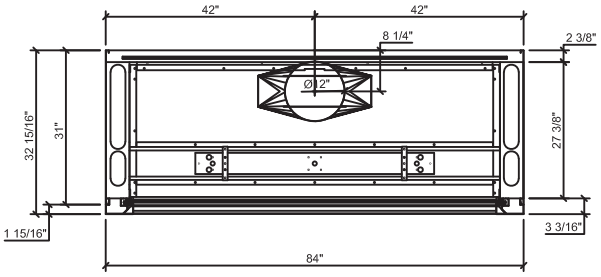




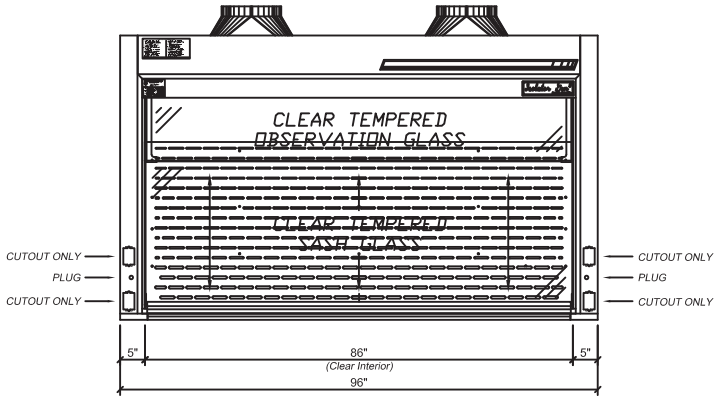
F-350 Isolator^3 Gen-5 ADA High Performance Bench Hood

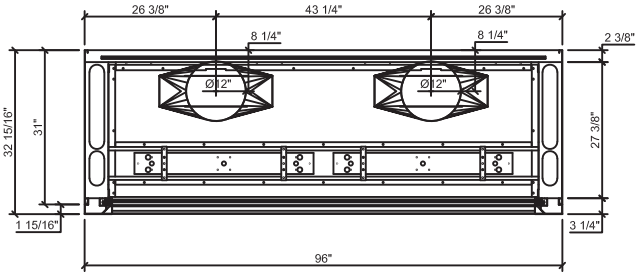
F-350-84G5-ADA - 84" Wide



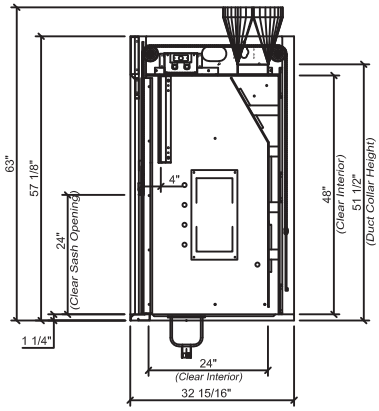


F-350-96G5-ADA - 96" Wide





Section - Standard Depth



F-351 Isolator³ Gen-5 High Performance Bench Hood

F-351 Isolator³ Gen-5 High Performance Fume Hood - Combination Sash

ISOLATOR³ Bench Fume Hood - The high performance fume hood is designed with energy conservation in mind, and is ideally suited for environments in which less volume of air is desired. The ICI fume hood has been independently tested and proven to perform at face velocities at between 60 and 63 FPM without auxiliary devices using a Modified ASHRAE test as opposed to the traditional 100FPM. Hoods are cross-draft tested at a constant 58 FPM. This test places the hood under extreme conditions beyond normal ASHRAE testing protocol. Designed to mount on a 31" deep countertop. The ISOLATOR³ fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash opera on available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable opera on; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety panels are provided with a stainless steel sash frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has a framed vertical sash and horizontal panels with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

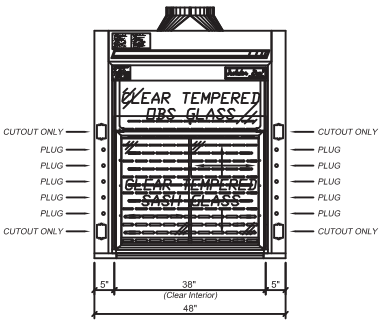
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

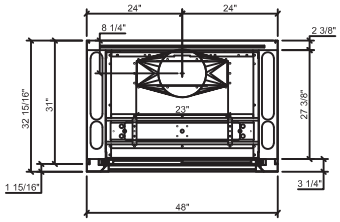
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	24" Vertical Open @ 60 FPM	18" Vertical Open @ 80 FPM	50% Horizontal Open @ 80 FPM
F-351-48G5	48"	24"	1:12"	380 CFM @ .12" SP	380 CFM @ .12" SP	380 CFM @ .12" SP
F-351-60G5	60"	24"	1:12"	500 CFM @ .11" SP	500 CFM @ .11" SP	500 CFM @ .11" SP
F-351-72G5	72"	24"	1:12"	620 CFM @ .17" SP	620 CFM @ .17" SP	620 CFM @ .17" SP
F-351-84G5	84"	24"	1:12"	740 CFM @ .20" SP	740 CFM @ .20" SP	740 CFM @ .20" SP
F-351-96G5	96"	24"	2:12"	860 CFM @ .15" SP	860 CFM @ .15" SP	860 CFM @ .15" SP

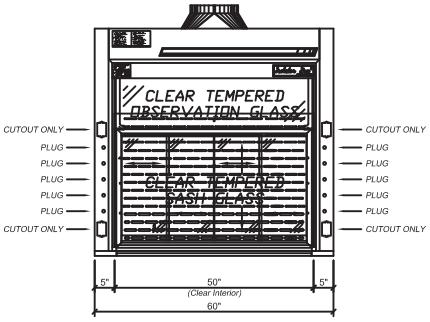
F-351 Isolator^3 Gen-5 High Performance Bench Hood

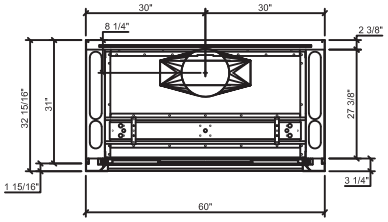
F-351-48G5 - 48" Wide



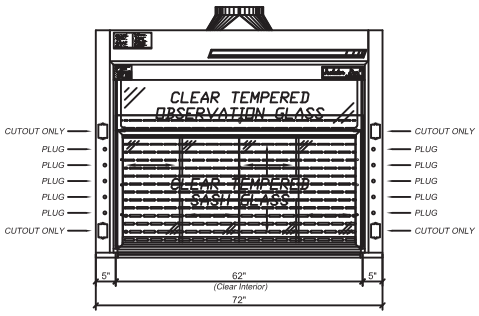


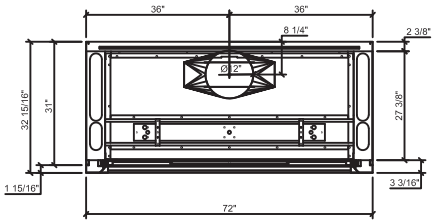
F-351-60G5 - 60" Wide





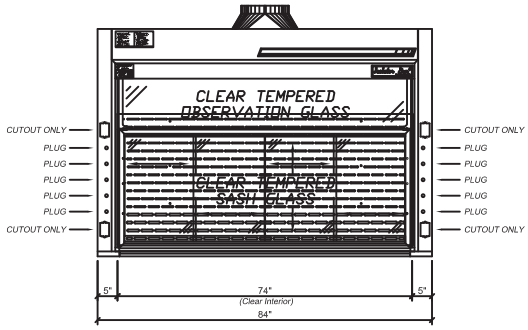
F-351-72G5 - 72" Wide

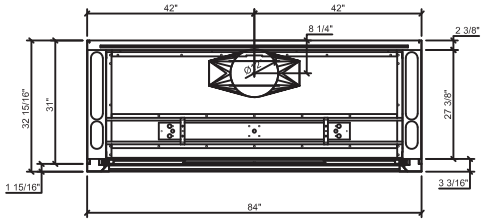




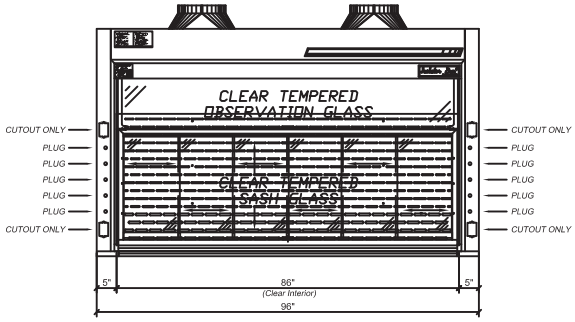
F-351 Isolator^3 Gen-5 High Performance Bench Hood

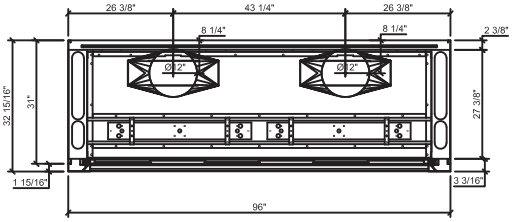
F-351-84G5 - 84" Wide



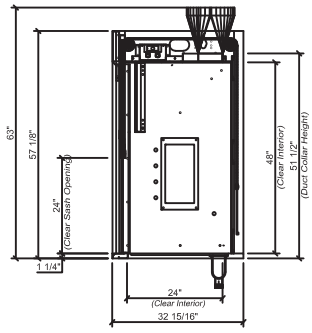


F-351-96G5 - 96" Wide





Section - Standard Depth



F-351 Isolator³ Gen-5 ADA High Performance Bench Hood

F-351 Isolator³ Gen-5 ADA High Performance Fume Hood - Combination Sash

ISOLATOR³ ADA Bench Fume Hood - The high performance fume hood is designed with energy conservation in mind, and is ideally suited for environments in which less volume of air is desired. The ICI fume hood has been independently tested and proven to perform at face velocities at between 60 and 63 FPM without auxiliary devices using a Modified ASHRAE test as opposed to the traditional 100FPM. Hoods are cross-draft tested at a constant 58 FPM. This test places the hood under extreme conditions beyond normal ASHRAE testing protocol. Designed to mount on a 31" deep countertop. The ISOLATOR³ fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash opera on available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety panels are provided with a stainless steel sash frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has a framed vertical sash and horizontal panels with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of one plumbing fitting per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

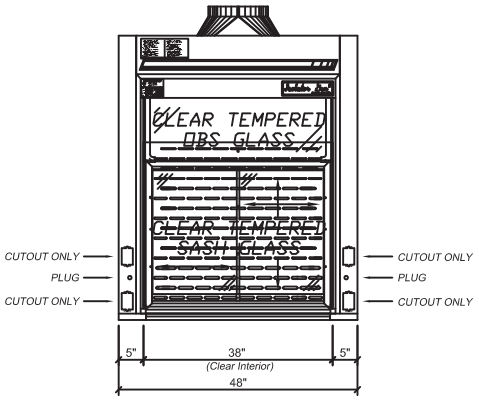
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

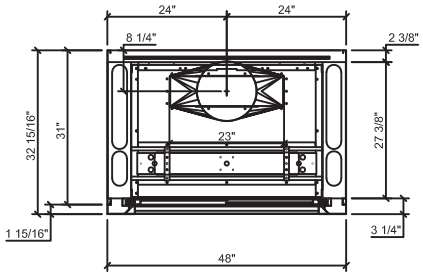
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	24" Vertical Open @ 60 FPM	18" Vertical Open @ 80 FPM	50% Horizontal Open @ 80 FPM
F-351-48G5-ADA	48"	24"	1:12"	380 CFM @ .12" SP	380 CFM @ .12" SP	380 CFM @ .12" SP
F-351-60G5-ADA	60"	24"	1:12"	500 CFM @ .11" SP	500 CFM @ .11" SP	500 CFM @ .11" SP
F-351-72G5-ADA	72"	24"	1:12"	620 CFM @ .17" SP	620 CFM @ .17" SP	620 CFM @ .17" SP
F-351-84G5-ADA	84"	24"	1:12"	740 CFM @ .20" SP	740 CFM @ .20" SP	740 CFM @ .20" SP
F-351-96G5-ADA	96"	24"	2:12"	860 CFM @ .15" SP	860 CFM @ .15" SP	860 CFM @ .15" SP

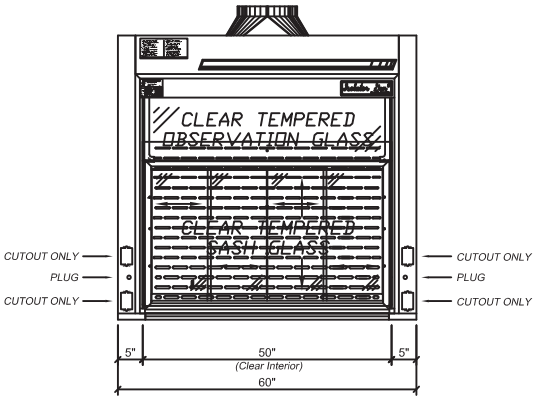
F-351 Isolator^3 Gen-5 ADA High Performance Bench Hood

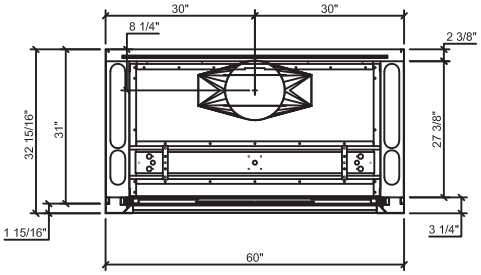
F-351-48G5-ADA - 48" Wide



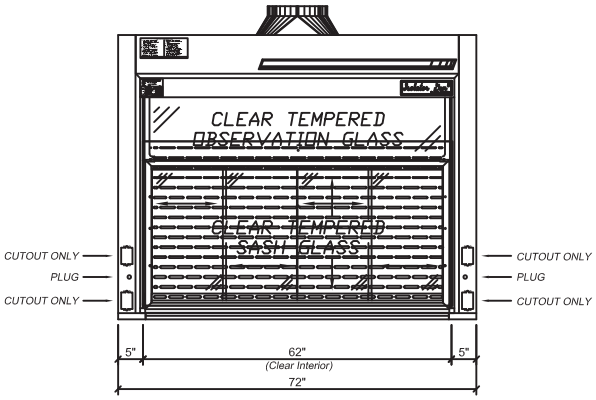


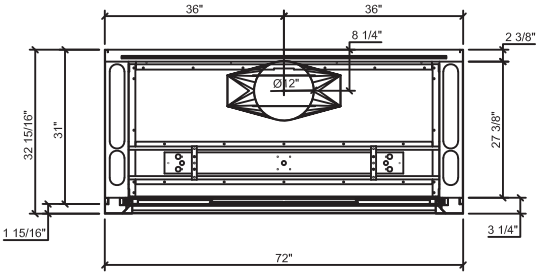
F-351-60G5-ADA - 60" Wide





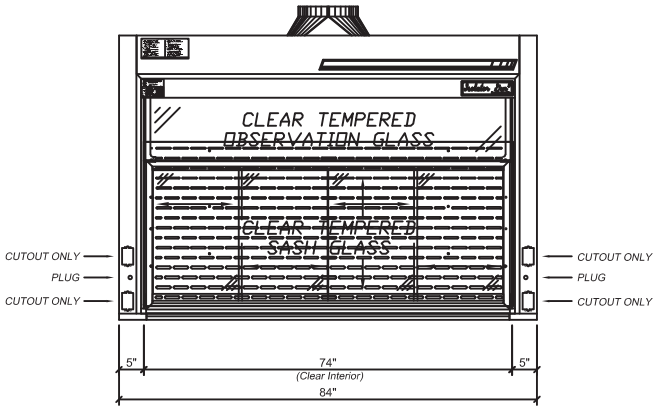
F-351-72G5-ADA - 72" Wide

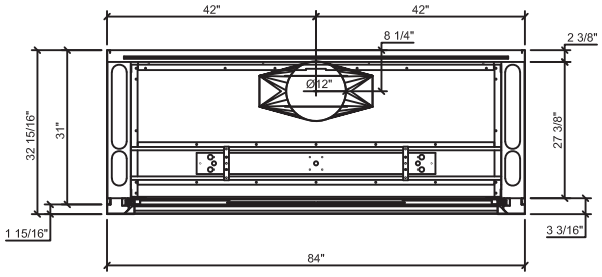




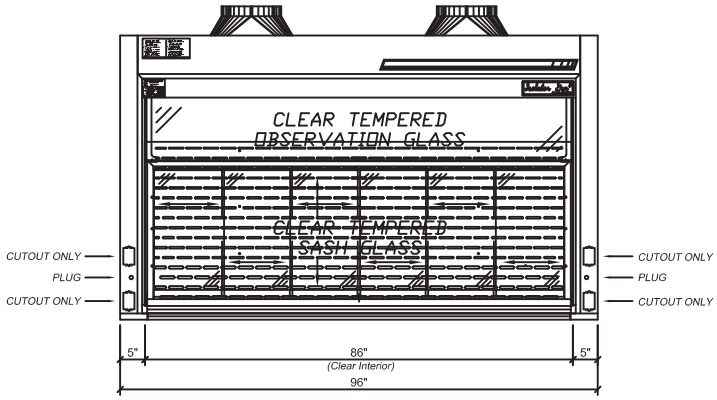
F-351 Isolator^3 Gen-5 ADA High Performance Bench Hood

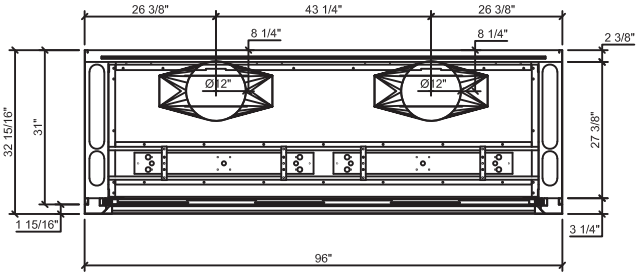
F-351-84G5-ADA - 84" Wide



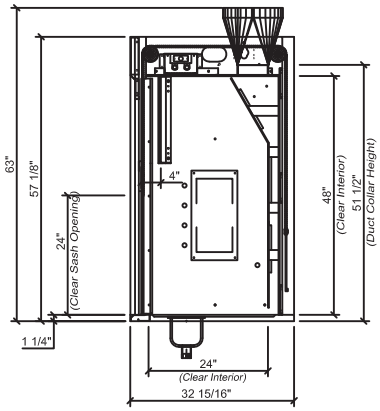


F-351-96G5-ADA - 96" Wide





Section - Standard Depth



F-353 Isolator Gen-5 High Performance Fume Hood - Framed Sash

ISOLATOR³ Bench Fume Hood - The high performance fume hood is designed with energy conservation in mind, and is ideally suited for environments in which less volume of air is desired. The ICI fume hood has been independently tested and proven to perform at face velocities at between 60 and 63 FPM without auxiliary devices using a Modified ASHRAE test as opposed to the traditional 100FPM. Hoods are cross-draft tested at a constant 58 FPM. This test places the hood under extreme conditions beyond normal ASHRAE testing protocol. Designed to mount on a 31" deep countertop. The ISOLATOR³ fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel handle. Optional laminated safety glass or polycarbonate available for special applications. Hood has a frameless vertical sash with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

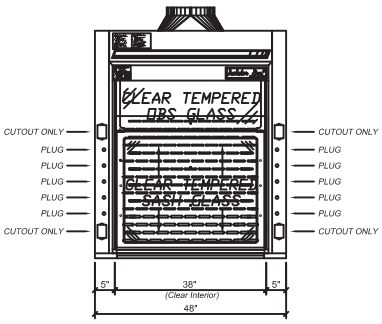
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

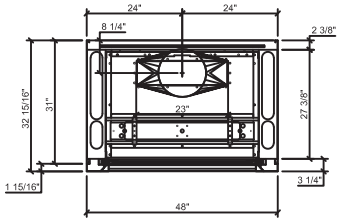
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	24" Vertical Open @ 60 FPM	18" Vertical Open @ 80 FPM
F-353-48G5	48"	24"	1:12"	380 CFM @ .12" SP	380 CFM @ .12" SP
F-353-60G5	60"	24"	1:12"	500 CFM @ .11" SP	500 CFM @ .11" SP
F-353-72G5	72"	24"	1:12"	620 CFM @ .17" SP	620 CFM @ .17" SP
F-353-84G5	84"	24"	1:12"	740 CFM @ .20" SP	740 CFM @ .20" SP
F-353-96G5	96"	24"	2:12"	860 CFM @ .15" SP	860 CFM @ .15" SP

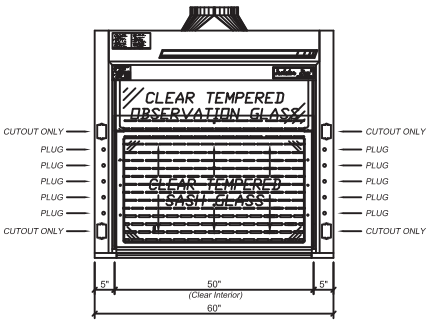
F-353 Gen-5 High Performance Bench Hood

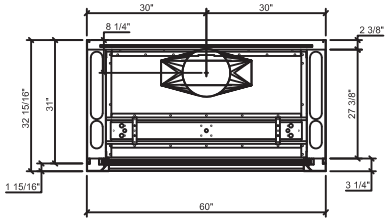
F-353-48G5 - 48" Wide



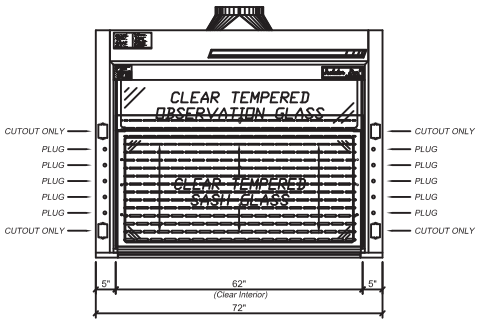


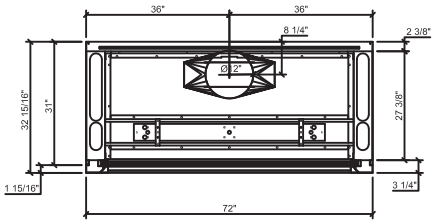
F-353-60G5 - 60" Wide



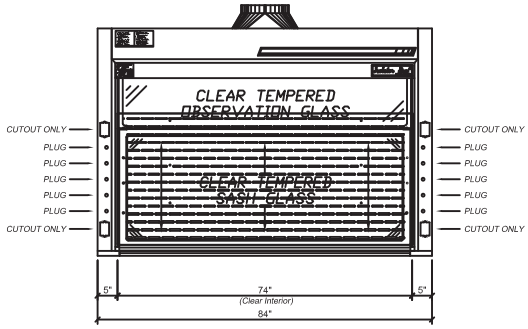


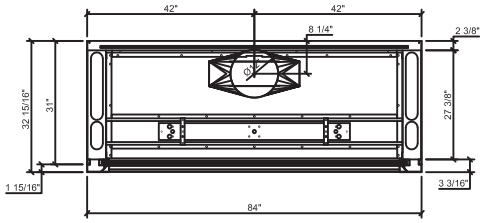
F-353-72G5 - 72" Wide



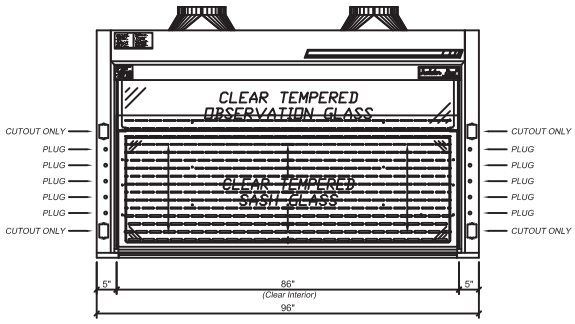


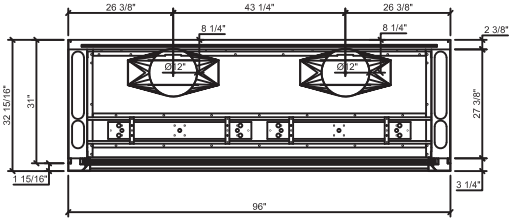
F-353-84G5 - 84" Wide



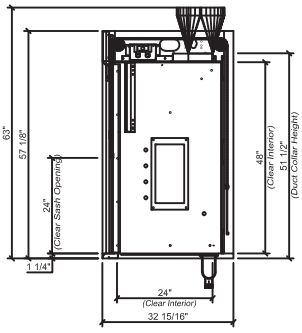


F-353-96G5 - 96" Wide





Section - Standard Depth



F-353 Isolator Gen-5 ADA High Performance Fume Hood - Framed Sash

ISOLATOR³ ADA Bench Fume Hood - The high performance fume hood is designed with energy conservation in mind, and is ideally suited for environments in which less volume of air is desired. The ICI fume hood has been independently tested and proven to perform at face velocities at between 60 and 63 FPM without auxiliary devices using a Modified ASHRAE test as opposed to the traditional 100FPM. Hoods are cross-draft tested at a constant 58 FPM. This test places the hood under extreme conditions beyond normal ASHRAE testing protocol. Designed to mount on a 31" deep countertop. The ISOLATOR³ fume hood is supplied with the following standard features:

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Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel handle. Optional laminated safety glass or polycarbonate available for special applications. Hood has a frameless vertical sash with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

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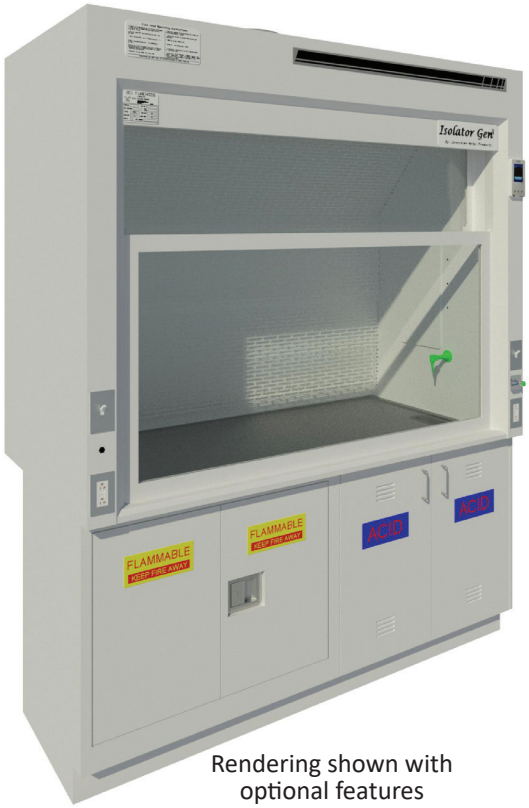
Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

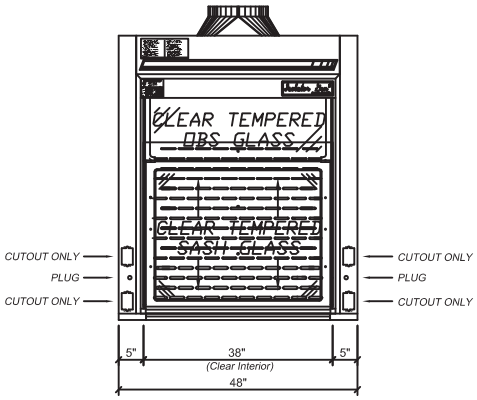


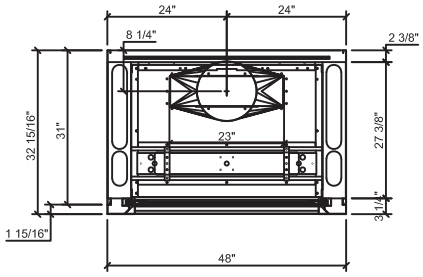
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	24" Vertical Open @ 60 FPM	18" Vertical Open @ 80 FPM
F-353-48G5-ADA	48"	24"	1:12"	380 CFM @ .12" SP	380 CFM @ .12" SP
F-353-60G5-ADA	60"	24"	1:12"	500 CFM @ .11" SP	500 CFM @ .11" SP
F-353-72G5-ADA	72"	24"	1:12"	620 CFM @ .17" SP	620 CFM @ .17" SP
F-353-84G5-ADA	84"	24"	1:12"	740 CFM @ .20" SP	740 CFM @ .20" SP
F-353-96G5-ADA	96"	24"	2:12"	860 CFM @ .15" SP	860 CFM @ .15" SP

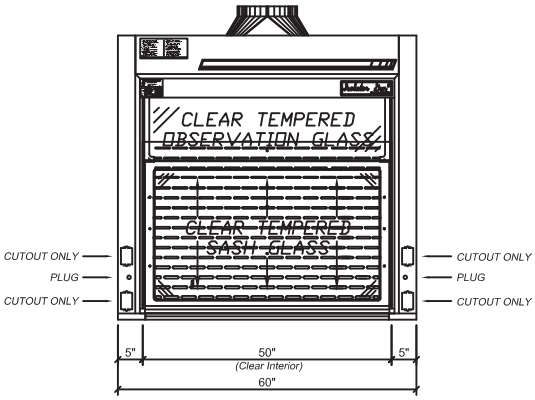
F-353 Gen-5 ADA High Performance Bench Hood

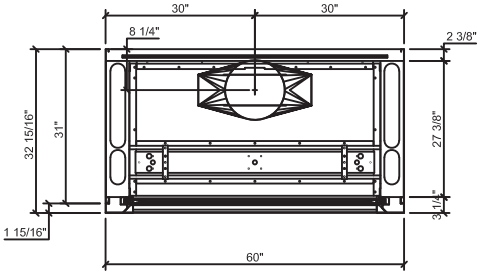
F-353-48G5-ADA - 48" Wide



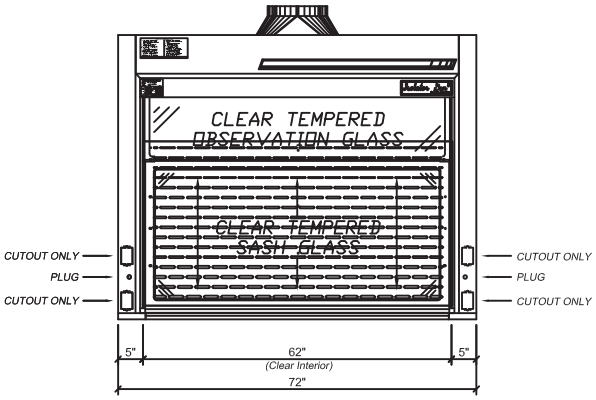


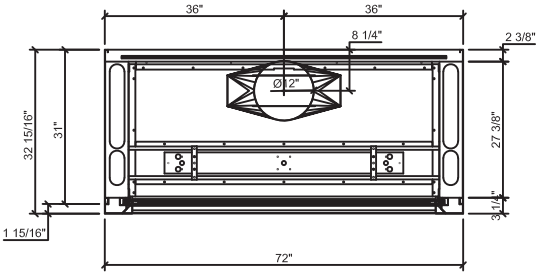
F-353-60G5-ADA - 60" Wide



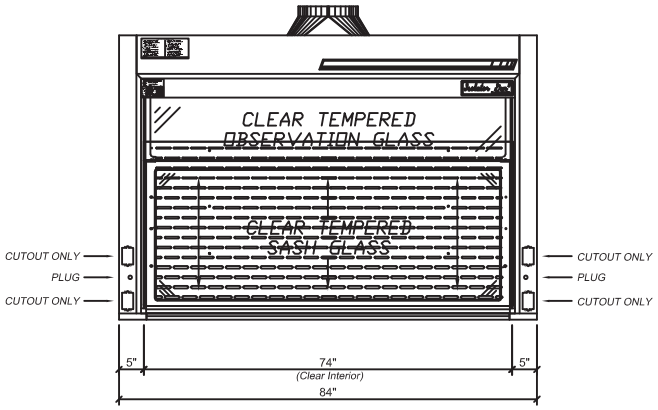


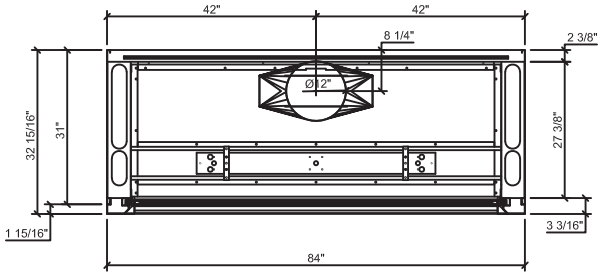
F-353-72G5-ADA - 72" Wide



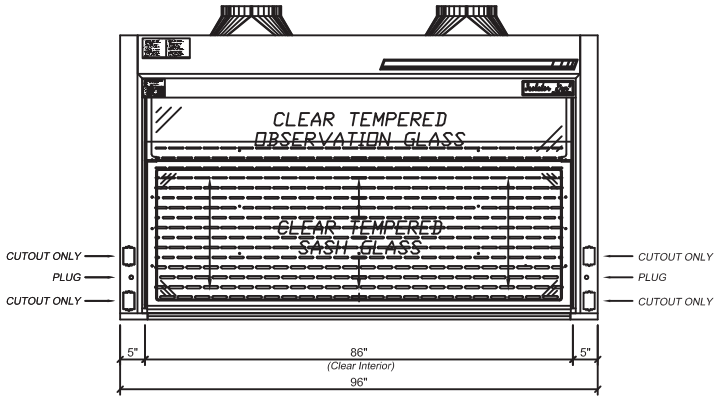


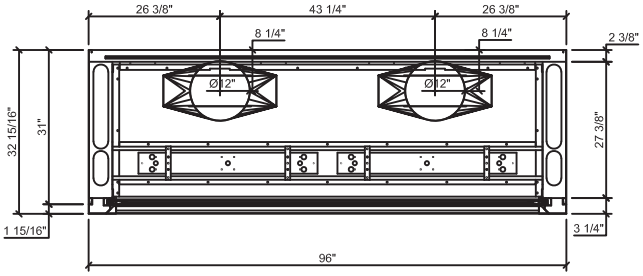
F-353-84G5-ADA - 84" Wide



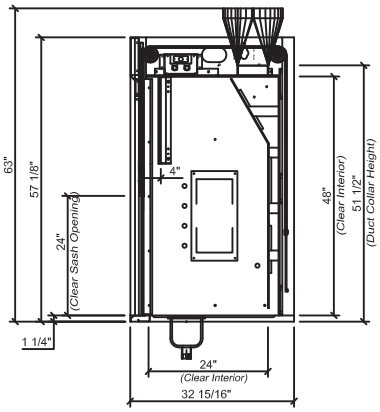


F-353-96G5-ADA - 96" Wide





Section - Standard Depth



F-400 Gen-5 Isotope Bench Hood

F-400 Isolator Gen-5 Isotope Fume Hood - Vertical Sash

ISOLATOR Gen-5 Isotope Bench Fume Hood - This special purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR GENERATION-5 isotope fume hood with a frameless vertical sash, designed for use with radioisotope or biological work, features a type 304 stainless steel liner and baffles with coving on all containment chamber corners to facilitate cleaning. The integral work surface is reinforced to carry up to 200 lbs./sq. ft. of lead shielding or other overburden. The ISOLATOR Gen-5 Isotope bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with a stainless steel handle. Optional laminated safety glass for special applications. Hood has a frameless vertical sash with a 42"exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

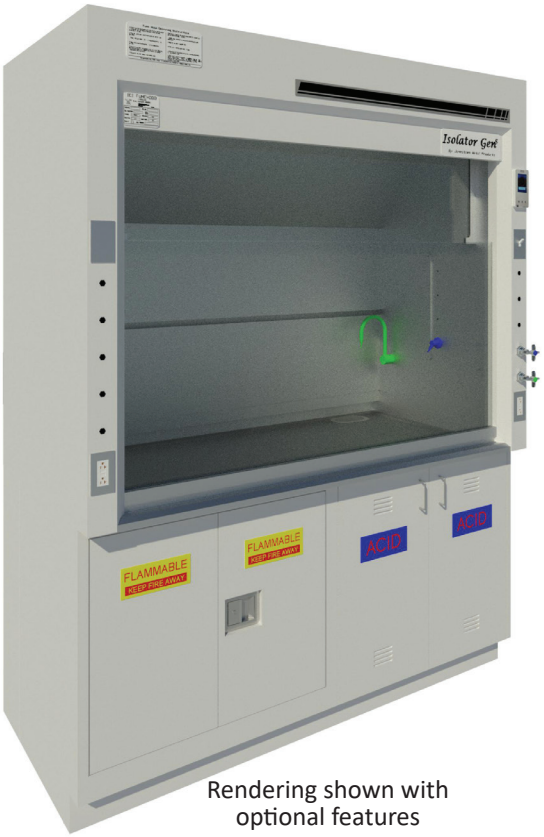
Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

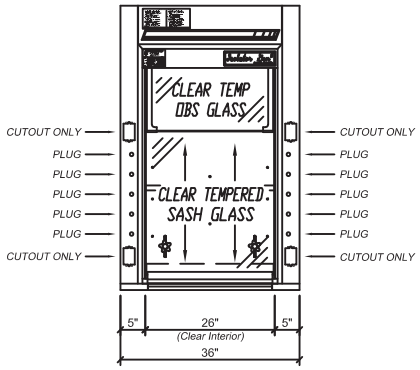
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

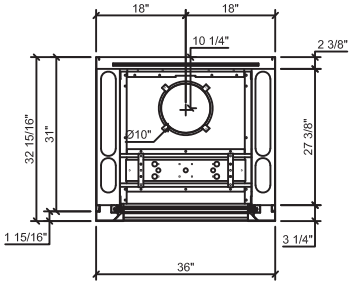


Rendering shown with optional features

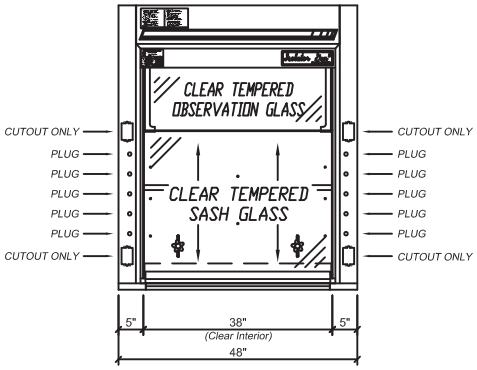
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Open @ 100 FPM	18" Open @ 100 FPM
F-400-36G5	36"	24"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-400-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-400-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-400-72G5	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP
F-400-96G5	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP

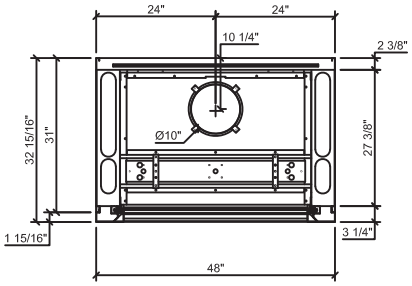
F-400-36G5 - 36" Wide



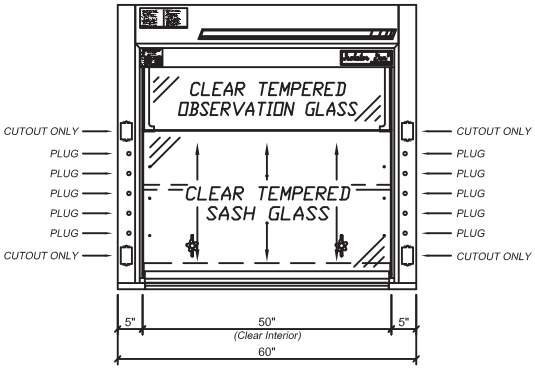


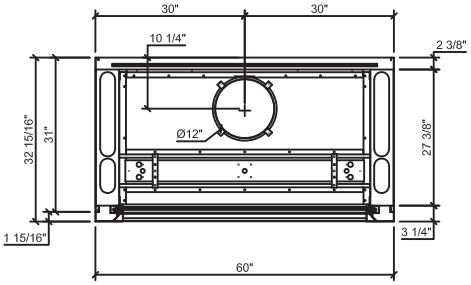
F-400-48G5 - 48" Wide





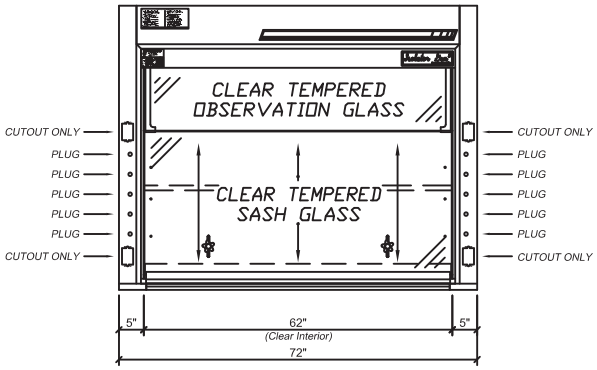
F-400-60G5 - 60" Wide

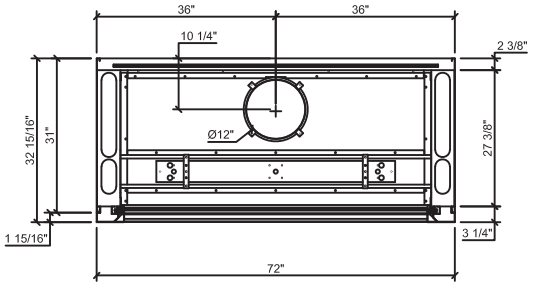




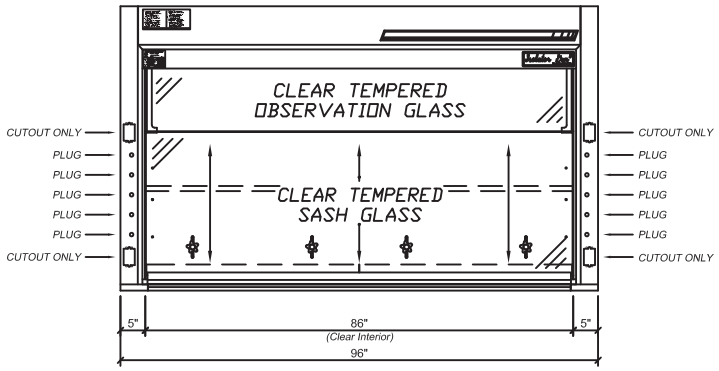
F-400 Gen-5 Isotope Bench Hood

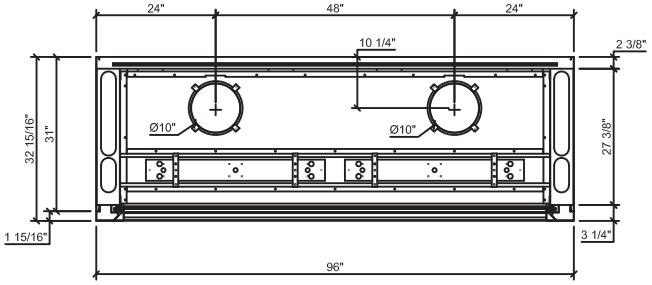
F-400-72G5 - 72" Wide



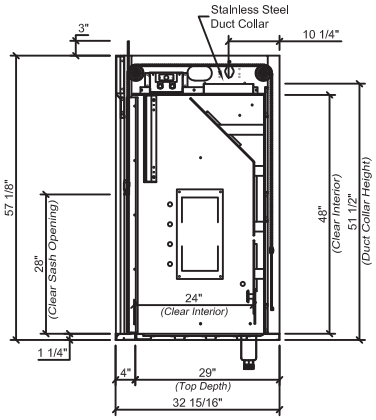


F-400-96G5 - 96" Wide





Section - Standard Depth



F-401 Isolator Gen-5 Isotope Fume Hood - Combination Sash

ISOLATOR Gen-5 Isotope Bench Fume Hood - This special purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR GENERATION-5 isotope fume hood with a combination vertical sash, designed for use with radioisotope or biological work, features a type 304 stainless steel liner and baffles with coving on all containment chamber corners to facilitate cleaning. The integral work surface is reinforced to carry up to 200 lbs./sq. ft. of lead shielding or other overburden. The ISOLATOR Gen-5 Isotope bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety panels are provided with a stainless steel sash frame. Optional laminated safety glass for special applications. Hood has a framed vertical sash and horizontal panels with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

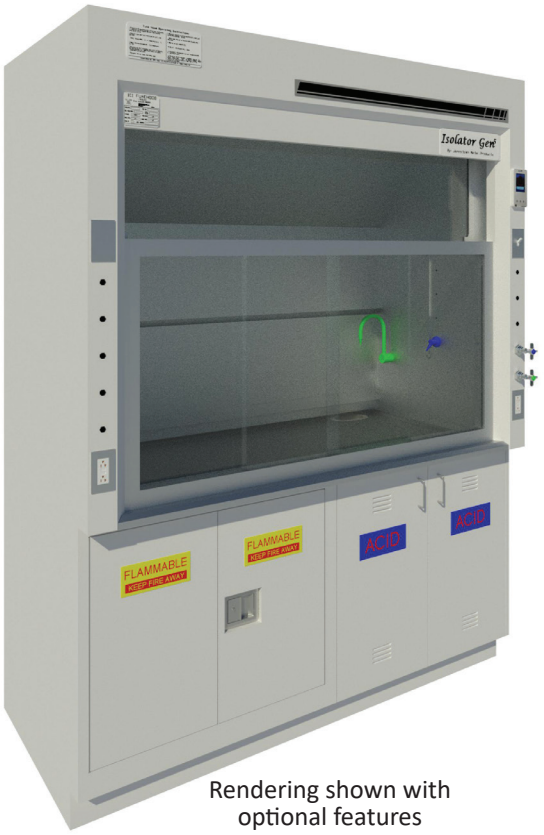
Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.



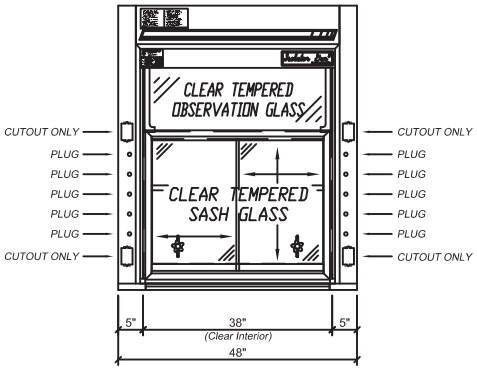
Rendering shown with optional features

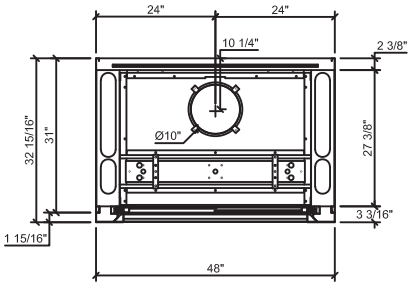
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM	50% Open @ 100 FPM
F-401-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP	415 CFM @ .09" SP
F-401-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP	549 CFM @ .09" SP
F-401-72G5	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP	692 CFM @ .14" SP
F-401-96G5	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP	968 CFM @ .12" SP

50% open may be achieved two ways: 1. vertical sash open 14", horizontal panels closed or 2. vertical sash closed, horizontal panels full open

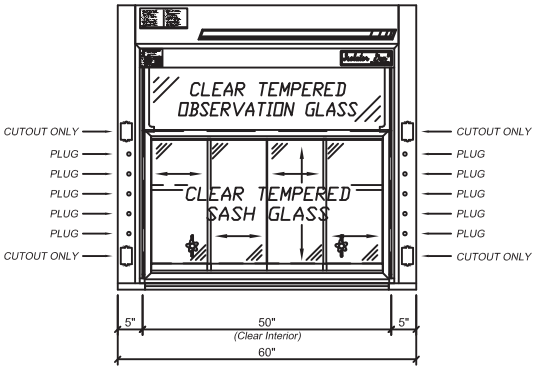
F-401 Gen-5 Isotope Bench Hood

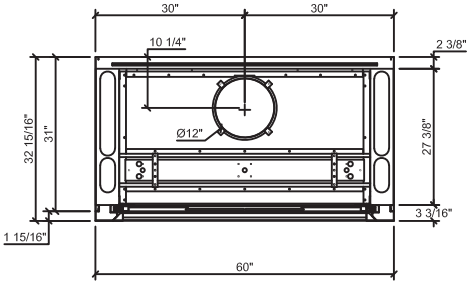
F-401-48G5 - 48" Wide



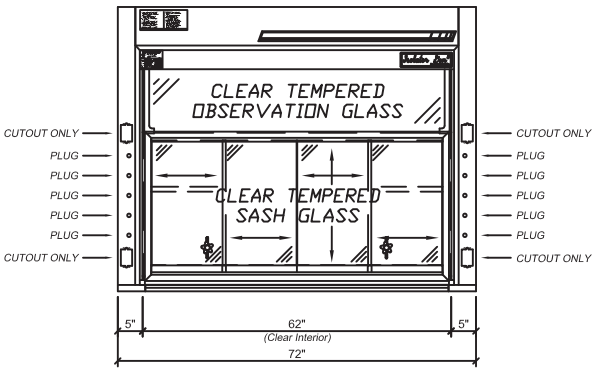


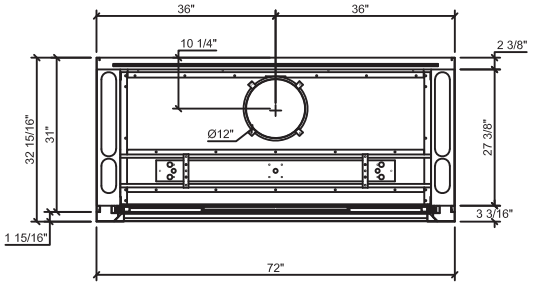
F-401-60G5 - 60" Wide



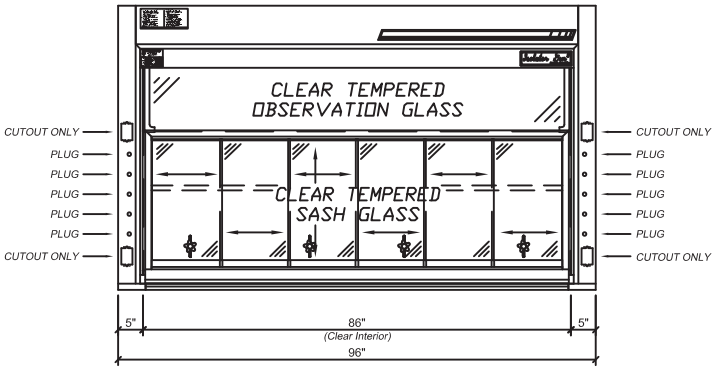


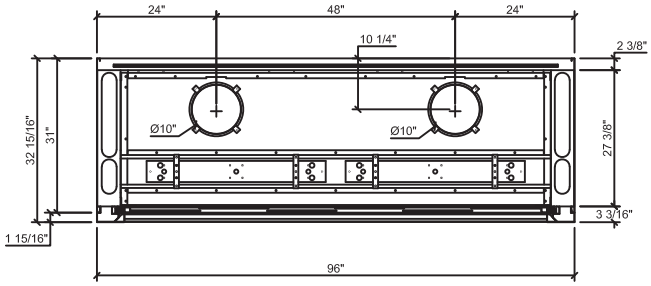
F-401-72G5 - 72" Wide



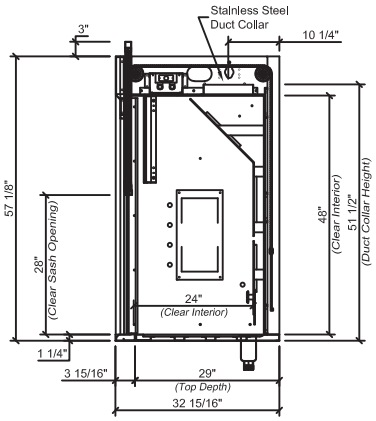


F-401-96G5 - 96" Wide





Section - Standard Depth



F-403 Gen-5 Isotope Bench Hood

F-403 Isolator Gen-5 Isotope Fume Hood - Framed Vertical Sash

ISOLATOR Gen-5 Isotope Bench Fume Hood - This special purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR GENERATION-5 isotope fume hood with a frameless vertical sash, designed for use with radioisotope or biological work, features a type 304 stainless steel liner and baffles with coving on all containment chamber corners to facilitate cleaning. The integral work surface is reinforced to carry up to 200 lbs./sq. ft. of lead shielding or other overburden. The ISOLATOR Gen-5 Isotope bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with a stainless steel frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has a framed vertical sash with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

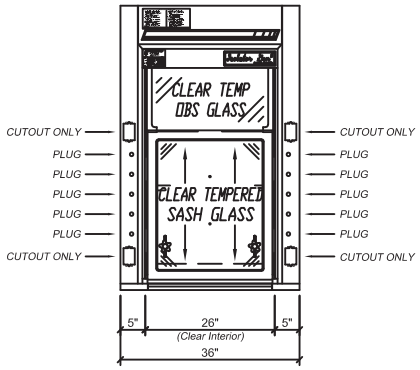
Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

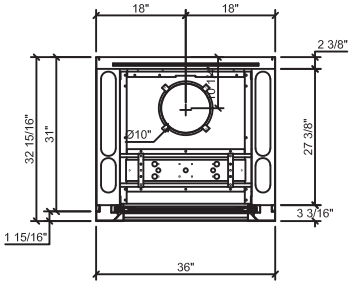
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

Rendering shown with optional features

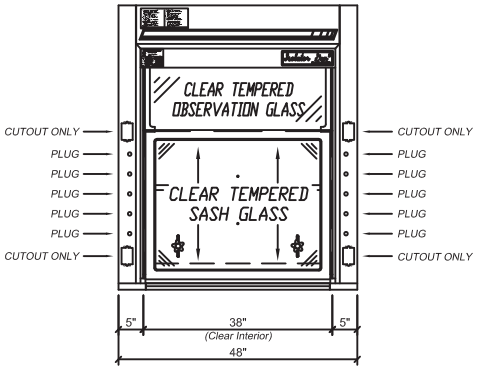
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Open @ 100 FPM	18" Open @ 100 FPM
F-403-36G5	36"	24"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-403-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-403-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-403-72G5	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP
F-403-96G5	96"	24"	2:12"	1672 CFM @ .37" SP	1075 CFM @ .15" SP

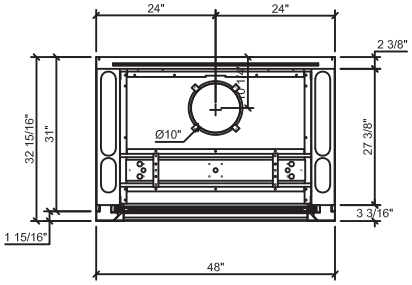
F-403-36G5 - 36" Wide



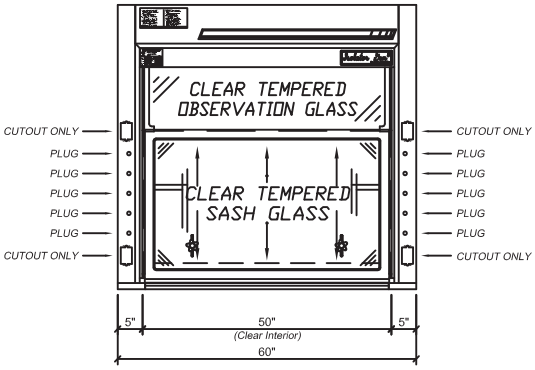


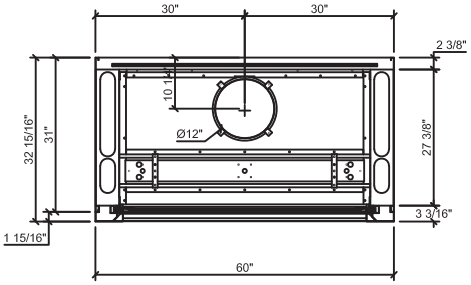
F-403-48G5 - 48" Wide





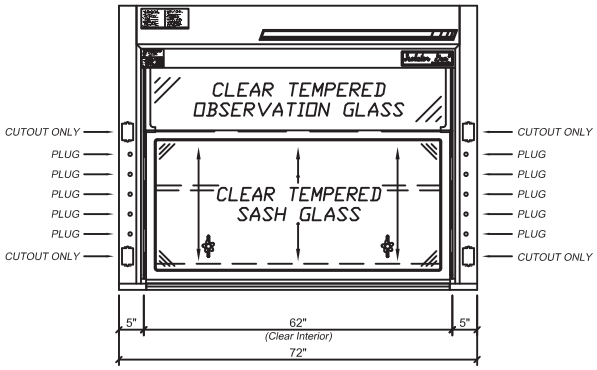
F-403-60G5 - 60" Wide

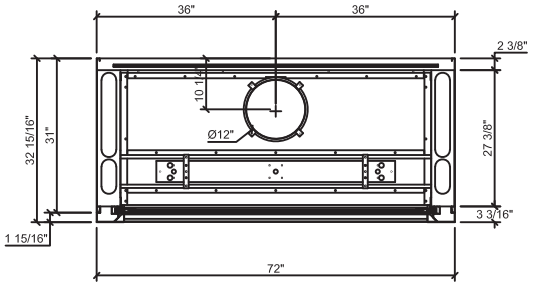




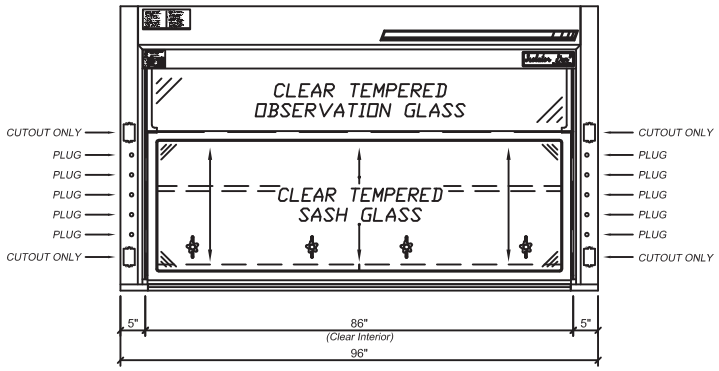
F-403 Gen-5 Isotope Bench Hood

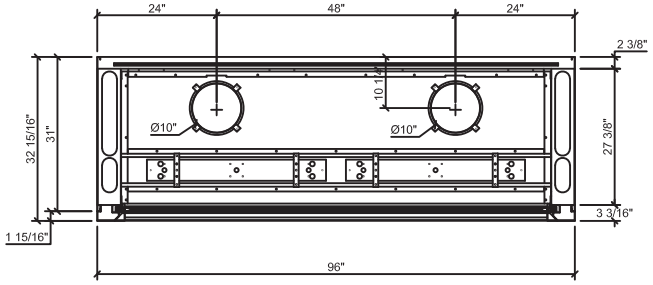
F-403-72G5 - 72" Wide



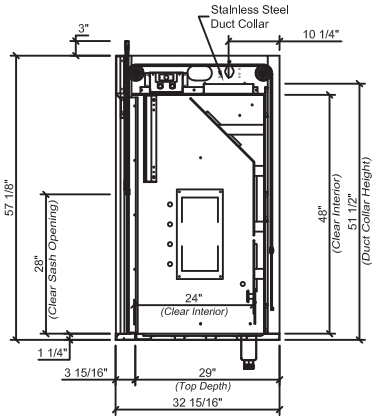


F-403-96G5 - 96" Wide





Section - Standard Depth



F-500 Isolator Gen-5 Perchloric Acid Fume Hood - Frameless Vertical Sash

ISOLATOR Gen-5 Perchloric Bench Fume Hood - This special purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR perchloric acid fume hood with a frameless vertical sash features a type 316 stainless steel liner and baffles with coving on all containment chamber corners. Also included is a washdown system designed to carry away potentially explosive perchloric acid salts through a 4" to 5 3/4" sloped trench with a single drain. The ISOLATOR Gen-5 Perchloric bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with a stainless steel handle. Optional laminated safety glass available for special applications. Hood has a frameless vertical sash with a 42"
exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Interior - Stainless Steel Type 316 Liner and integral type 316 stainless steel worktop with trench drain and washdown setup

Stainless Steel Type 316 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs. Includes integral chamber washdown system

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

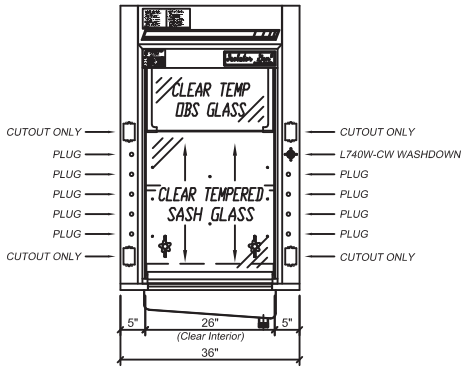
Rendering shown with optional features

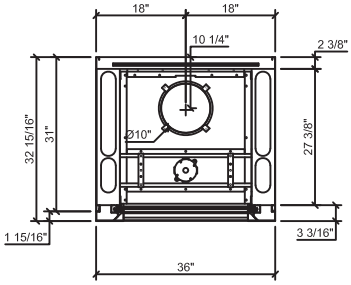
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Open @ 100 FPM	18" Open @ 100 FPM
F-500-36G5	36"	24"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-500-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-500-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-500-72G5	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP
F-500-96G5	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP

*SPECIAL NOTES: Perchloric hoods attached to long runs of ductwork require solenoid activated, electronically sequenced spray head activation to assure the flow rate into the fume hood washdown trench never exceeds the
45 GPM overflow rate. Any blower purchased to exhaust this hood should have internal washdown capability and be lubricated with fluorocarbon grease and oil.

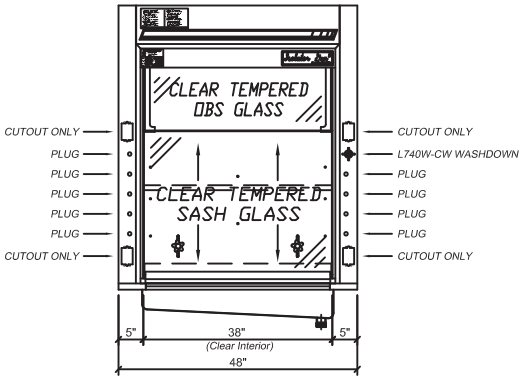
F-500 Gen-5 Perchloric Acid Bench Hood

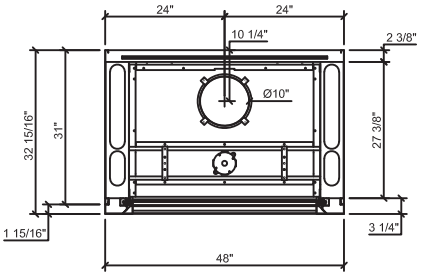
F-500-36G5 - 36" Wide



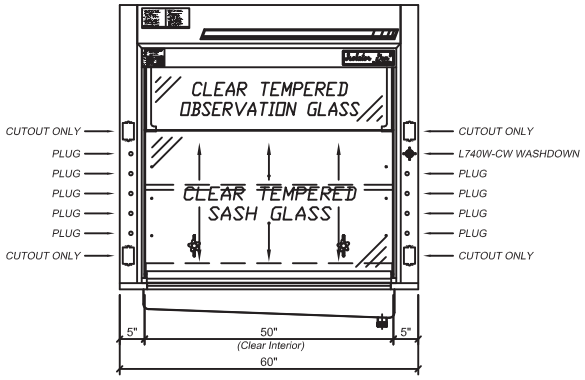


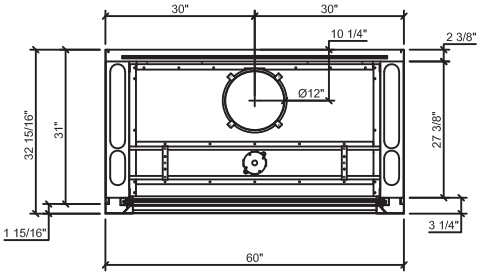
F-500-48G5 - 48" Wide



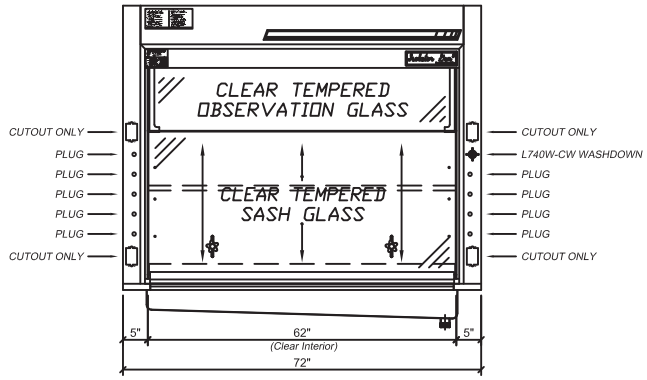


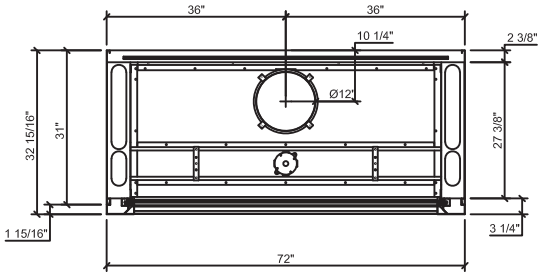
F-500-60G5 - 60" Wide



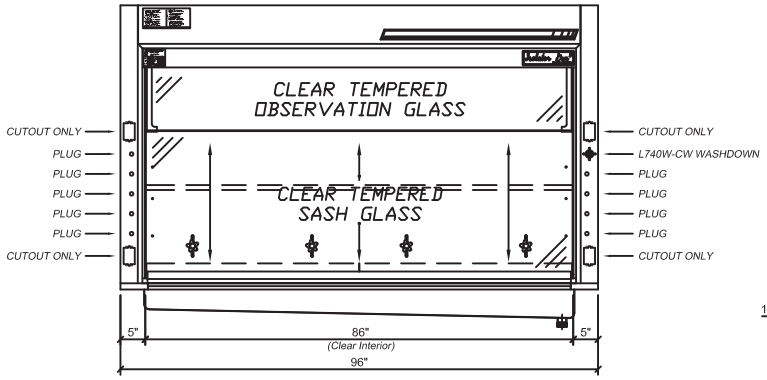


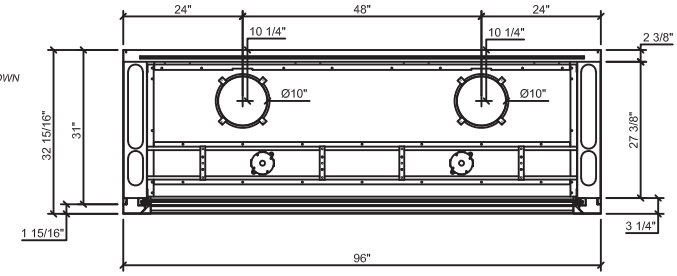
F-500-72G5 - 72" Wide



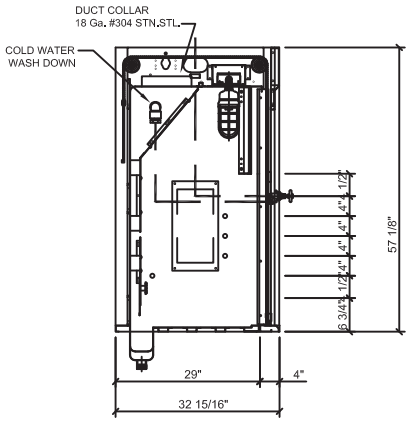


F-500-96G5 - 96" Wide





Section - Standard Depth



F-503 Gen-5 Perchloric Acid Bench Hood

F-503 Isolator Gen-5 Perchloric Acid Fume Hood - Framed Vertical Sash

ISOLATOR Gen-5 Perchloric Bench Fume Hood - This special purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR perchloric acid fume hood with a frameless vertical sash features a type 316 stainless steel liner and baffles with coving on all containment chamber corners. Also included is a washdown system designed to carry away potentially explosive perchloric acid salts through a 4" to 5 3/4" sloped trench with a single drain. The ISOLATOR Gen-5 Perchloric bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with a stainless steel frame. Optional laminated safety glass available for special applications. Hood has a framed vertical sash with a 42" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Interior - Stainless Steel Type 316 Liner and integral type 316 stainless steel worktop with trench drain and washdown setup

Stainless Steel Type 316 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs. Includes integral chamber washdown system.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

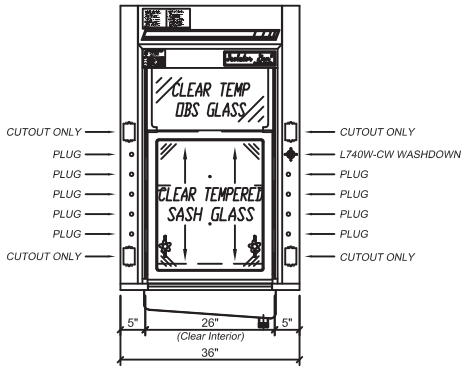
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

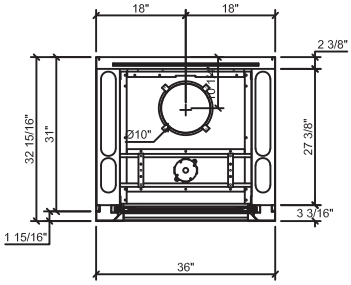
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Open @ 100 FPM	18" Open @ 100 FPM
F-503-36G5	36"	24"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-503-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-503-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-503-72G5	72"	24"	1:12"	1206 CFM @ .42" SP	775 CFM @ .17" SP
F-503-96G5	96"	24"	2:10"	1672 CFM @ .37" SP	1075 CFM @ .15" SP

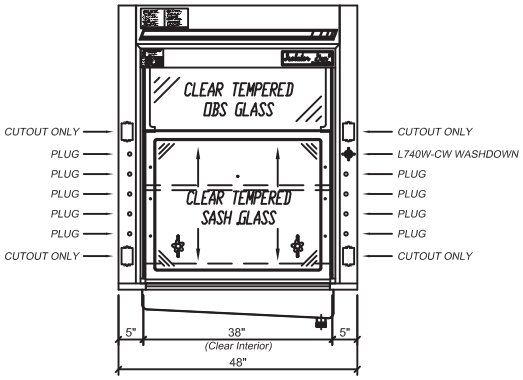
*SPECIAL NOTES: Perchloric hoods attached to long runs of ductwork require solenoid activated, electronically sequenced spray head activation to assure the flow rate into the fume hood washdown trench never exceeds the 45 GPM overflow rate. Any blower purchased to exhaust this hood should have internal washdown capability and be lubricated with fluorocarbon grease and oil.

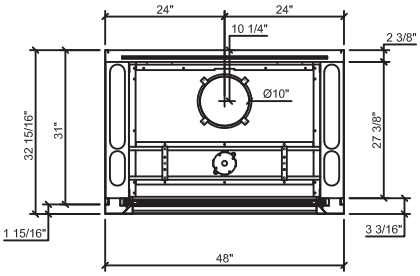
F-503-36G5 - 36" Wide



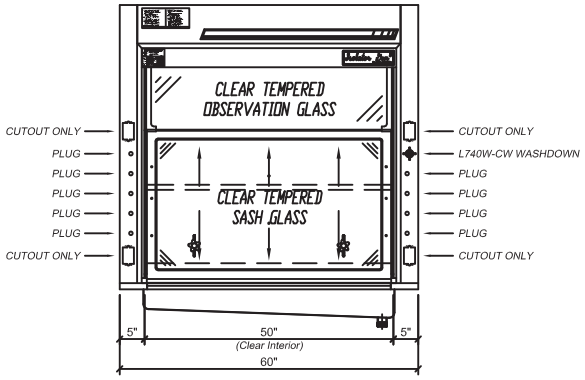


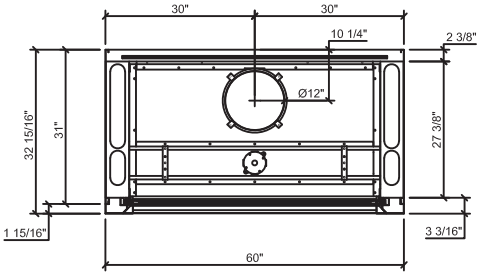
F-503-48G5 - 48" Wide





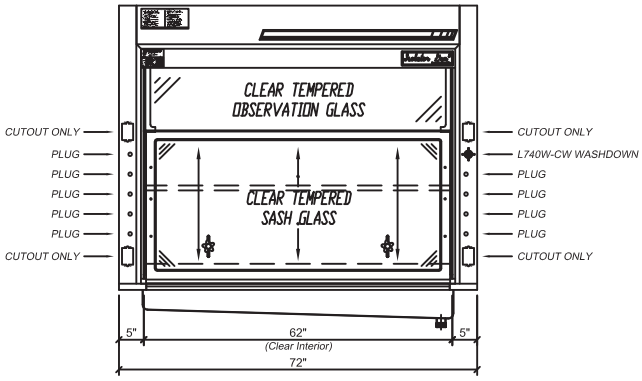
F-503-60G5 - 60" Wide

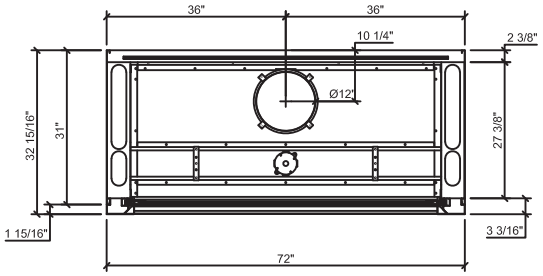




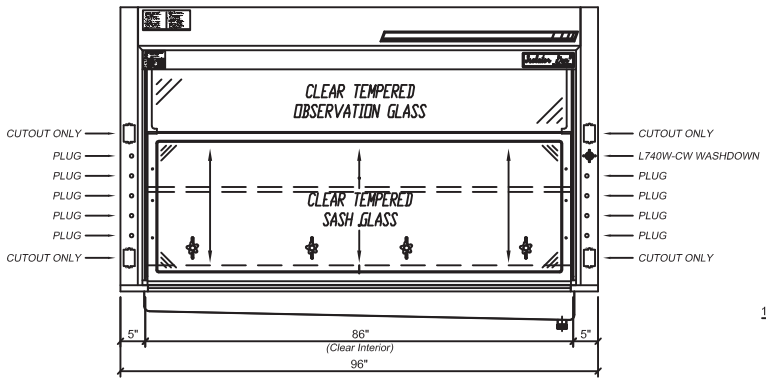
F-503 Gen-5 Perchloric Acid Bench Hood

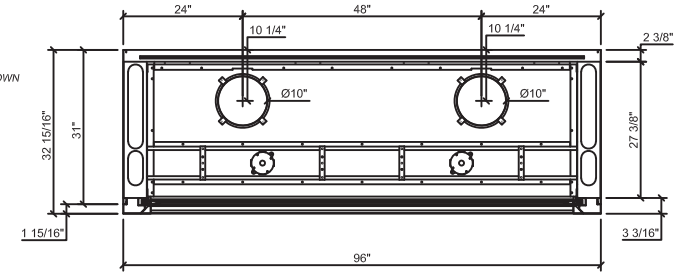
F-503-72G5 - 72" Wide



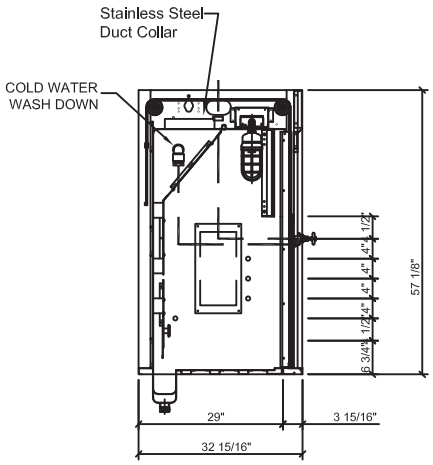


F-503-96G5 - 96" Wide





Section - Standard Depth



F-600 Isolator Gen-5 OS Height Fume Hood - Frameless Vertical Sash

ISOLATOR Gen-5 OS Height Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5 bench mounted fume hood is supplied with the following standard features:

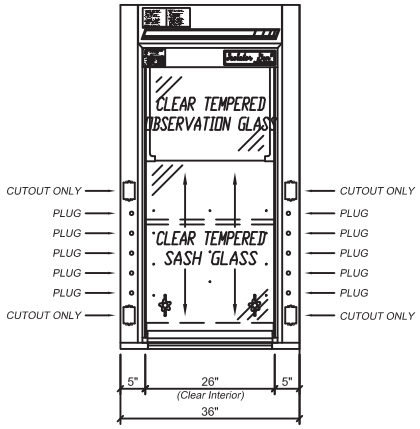
Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.
Interior Height - Interior height of 60", as opposed to the standard bench interior height of 48", to accommodate taller apparatus.
Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel handle. Optional laminated safety glass or polycarbonate available for special applications. Hood has a frameless vertical sash with a 54" exterior sightline.
Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.
Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.
Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.
Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.
Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

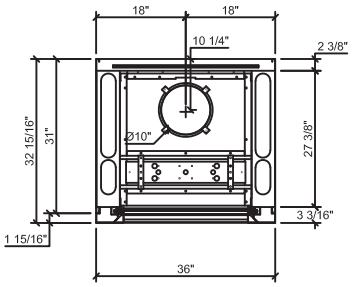
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	34" Open @ 100 FPM	18" Open @ 100 FPM
F-600-36	36"	24"	1:10"	614 CFM @ .20" SP	325 CFM @ .06" SP
F-600-36D30	36"	30"	1:10"	614 CFM @ .20" SP	325 CFM @ .06" SP
F-600-48	48"	24"	1:10"	897 CFM @ .43" SP	475 CFM @ .12" SP
F-600-48D30	48"	30"	1:10"	897 CFM @ .43" SP	475 CFM @ .12" SP
F-600-60	60"	24"	1:12"	1181 CFM @ .40" SP	625 CFM @ .11" SP
F-600-60D30	60"	30"	1:12"	1181 CFM @ .40" SP	625 CFM @ .11" SP
F-600-72	72"	24"	1:12"	1464 CFM @ .62" SP	775 CFM @ .17" SP
F-600-72D30	72"	30"	1:12"	1464 CFM @ .62" SP	775 CFM @ .17" SP
F-600-96	96"	24"	2:10"	2031 CFM @ .55" SP	1075 CFM @ .08" SP
F-600-96D30	96"	30"	2:10"	2031 CFM @ .55" SP	1075 CFM @ .08" SP

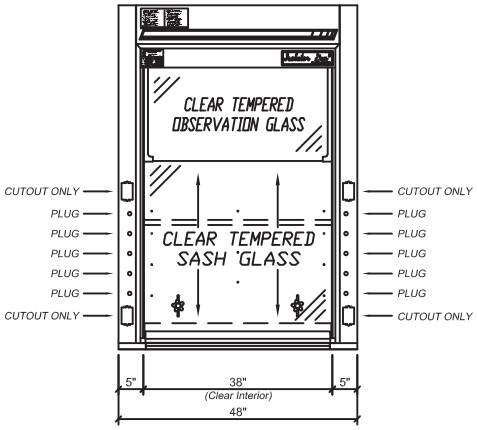
F-600 Gen-5 OS Height Bench Hood

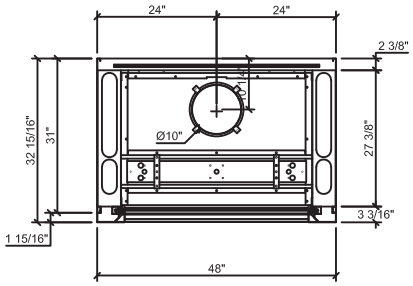
F-600-36G5 - 36" Wide



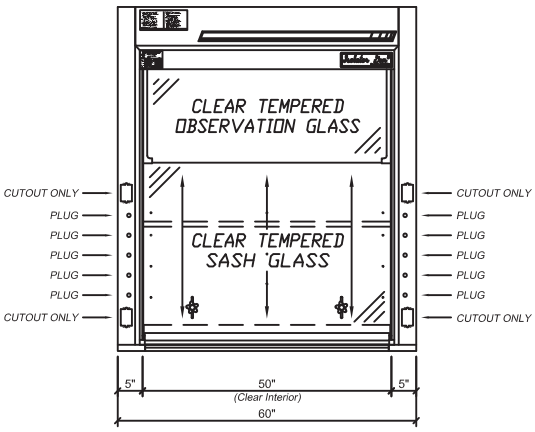


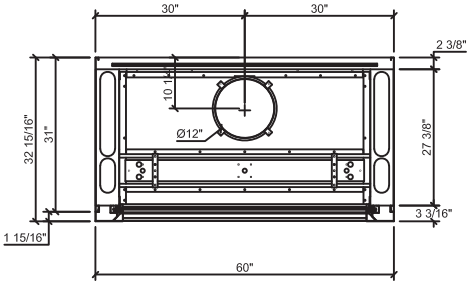
F-600-48G5 - 48" Wide



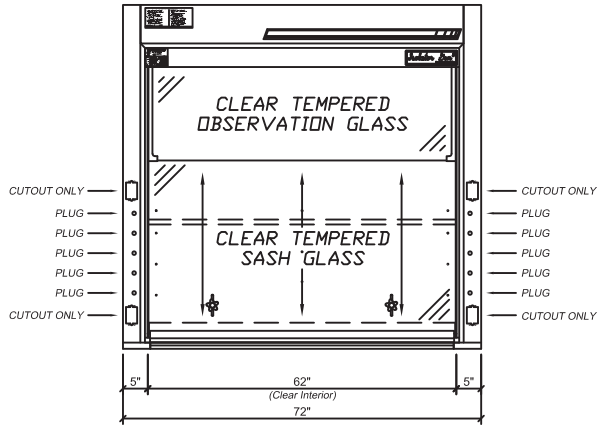


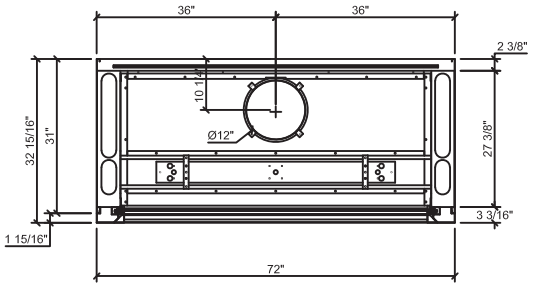
F-600-60G5 - 60" Wide



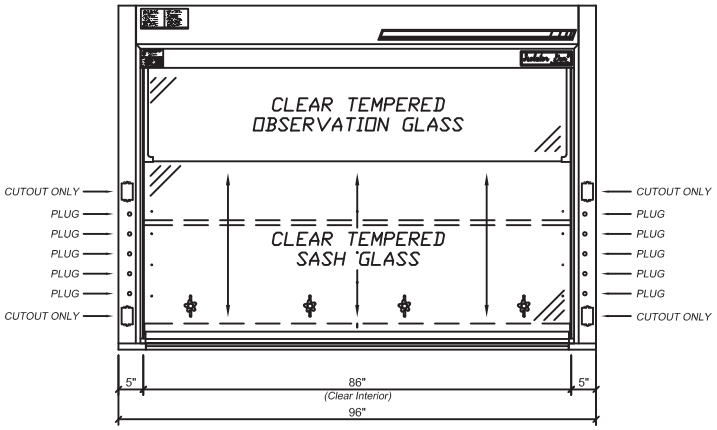


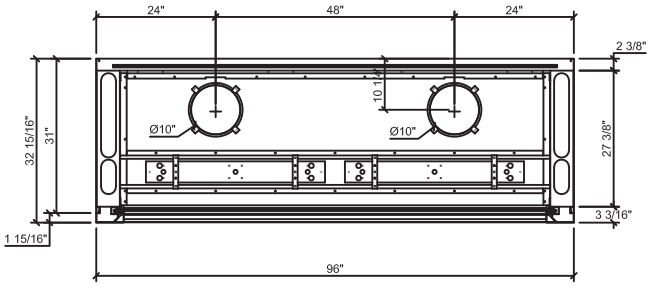
F-600-72G5 - 72" Wide



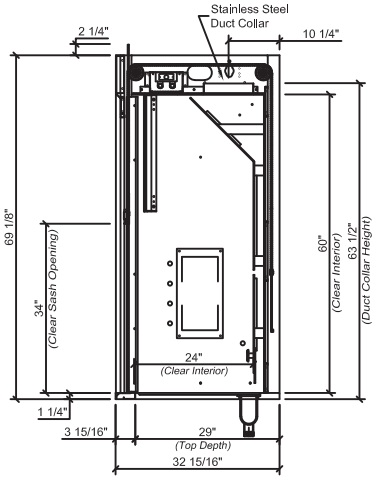


F-600-96G5 - 96" Wide

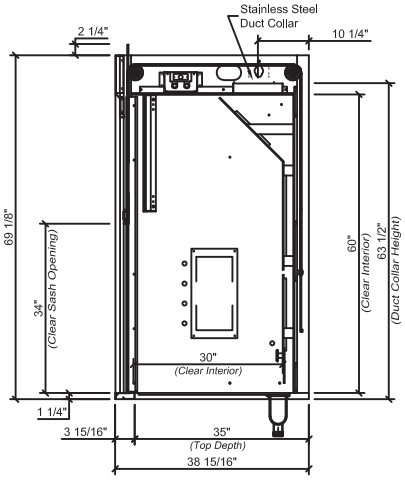




Section - Standard Depth



Section - 30" Deep



F-601 Gen-5 OS Height Bench Hood

F-601 Isolator Gen-5 OS Height Fume Hood - Combination Sash

ISOLATOR Gen-5 OS Height Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5 bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Interior Height - Interior height of 60", as opposed to the standard bench interior height of 48", to accommodate taller apparatus.

Sash Design - 1/4" thick tempered safety panels are provided with a stainless steel sash frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has a framed vertical sash and horizontal panels with a 54" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

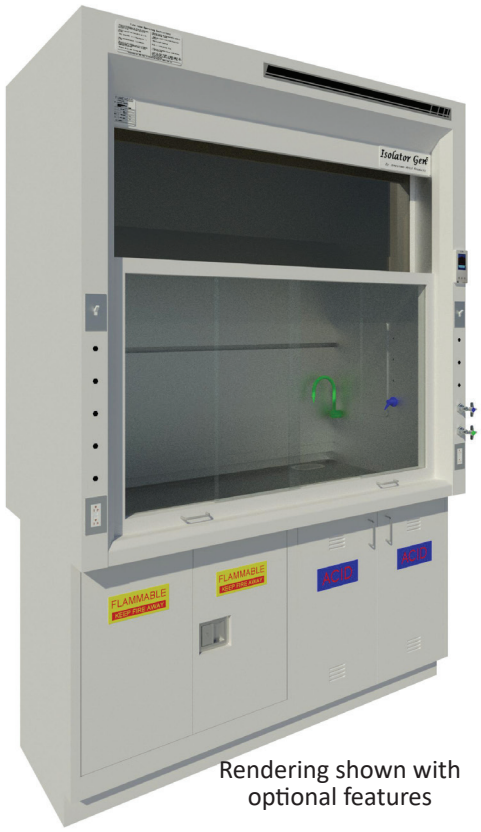
Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options**.**

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

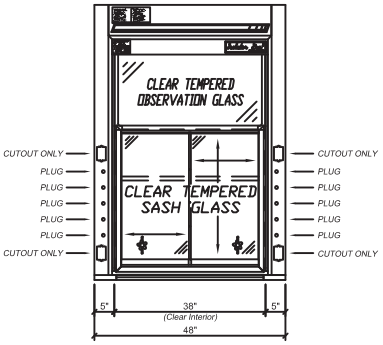


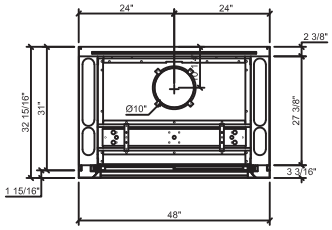
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	34" Open @ 100 FPM	18" Open @ 100 FPM	50% Horizontal Open @ 100 FPM
F-601-48	48"	24"	1:10"	897 CFM @ .43" SP	475 CFM @ .12" SP	486 CFM @ .13" SP
F-601-48D30	48"	30"	1:10"	897 CFM @ .43" SP	475 CFM @ .12" SP	486 CFM @ .13" SP
F-601-60	60"	24"	1:12"	1181 CFM @ .40" SP	625 CFM @ .11" SP	643 CFM @ .12" SP
F-601-60D30	60"	30"	1:12"	1181 CFM @ .40" SP	625 CFM @ .11" SP	643 CFM @ .12" SP
F-601-72	72"	24"	1:12"	1464 CFM @ .62" SP	775 CFM @ .17" SP	811 CFM @ .19" SP
F-601-72D30	72"	30"	1:12"	1464 CFM @ .62" SP	775 CFM @ .17" SP	811 CFM @ .19" SP
F-601-96	96"	24"	2:10"	2031 CFM @ .55" SP	1075 CFM @ .08" SP	1135 CFM @ .17" SP
F-601-96D30	96"	30"	2:10"	2031 CFM @ .55" SP	1075 CFM @ .08" SP	1135 CFM @ .17" SP

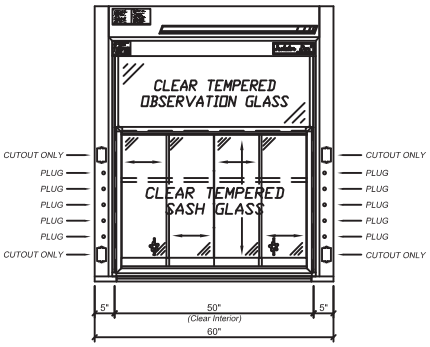
50% open may be achieved two ways: 1. vertical sash open 14", horizontal panels closed or 2. vertical sash closed, horizontal panels full open

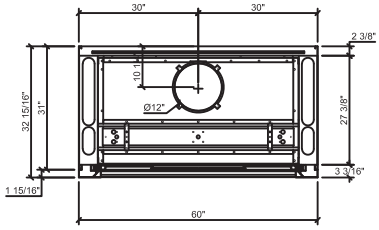
F-601-48G5 - 48" Wide



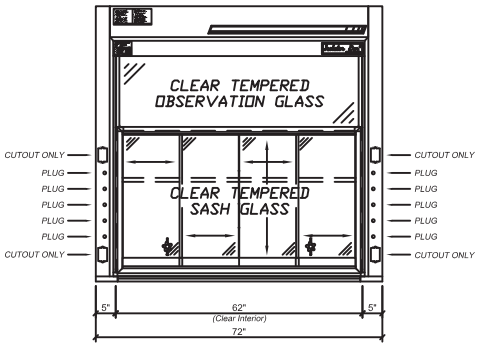


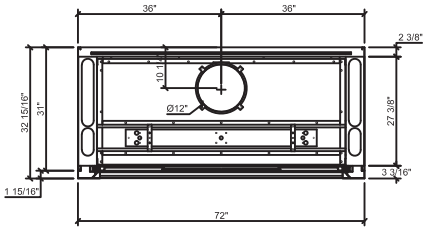
F-601-60G5 - 60" Wide





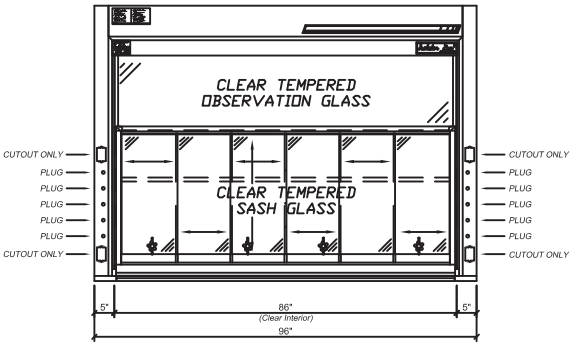
F-601-72G5 - 72" Wide

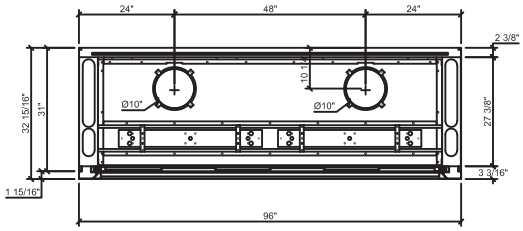




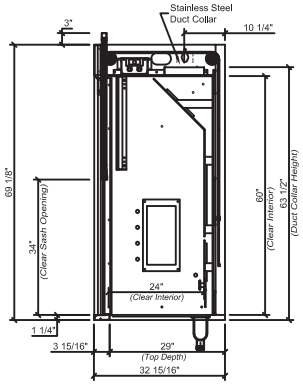
F-601 Gen-5 OS Height Bench Hood

F-601-96G5 - 96" Wide

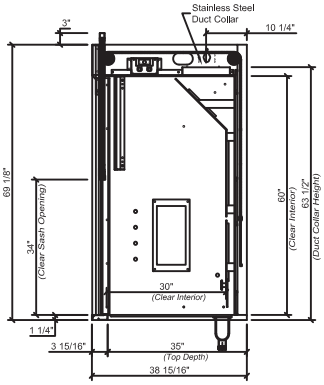




Section - Standard Depth



Section - 30" Deep



F-602 Isolator Gen-5 OS Height Fume Hood - Horizontal Sash

ISOLATOR Gen-5 OS Height Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5 bench mounted fume hood is supplied with the following standard features:

Sash System – Top hung epoxy urethane coated framed horizontal sashes offer exceptional product life-cycle and minimize barriers.
Interior Height - Interior height of 60", as opposed to the standard bench interior height of 48", to accommodate taller apparatus.
Sash Design - 1/4" thick tempered safety glass is set in horizontal sliding epoxy urethane coated steel frames. Optional laminated safety glass or polycarbonate available for special applications. Hood has a horizontal only sash with a 54" exterior sightline.
Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.
Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.
Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.
Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

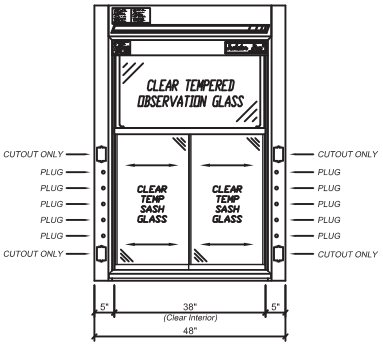
Rendering shown with optional features

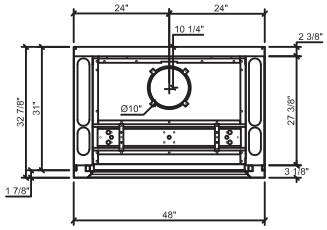
Catalog Number	Width	Clear Interior Depth	Duct Diameter	34" Open @ 100 FPM	50% Open @ 100 FPM
F-602-48	48"	24"	1:10"	N/A	523 CFM @ .14" SP
F-602-48D30	48"	30"	1:10"	N/A	523 CFM @ .14" SP
F-602-60	60"	24"	1:12"	N/A	671 CFM @ .13" SP
F-602-60D30	60"	30"	1:12"	N/A	671 CFM @ .13" SP
F-602-72	72"	24"	1:12"	N/A	838 CFM @ .20" SP
F-602-72D30	72"	30"	1:12"	N/A	838 CFM @ .20" SP
F-602-96	96"	24"	2:10"	N/A	1154 CFM @ .18" SP
F-602-96D30	96"	30"	2:10"	N/A	1154 CFM @ .18" SP
F-602-120	120"	24"	2:12"	N/A	
F-602-120D30	120"	30"	2:12"	N/A	
F-602-144	144"	24"	2:12"	N/A	
F-602-144D30	144"	30"	2:12"	N/A	

50% open may be achieved two ways: 1. vertical sash open 14", horizontal panels closed or 2. vertical sash closed, horizontal panels full open

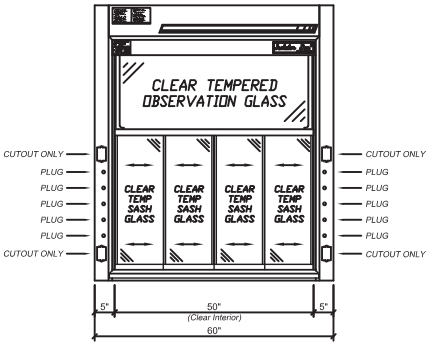
F-602 Gen-5 OS Height Bench Hood

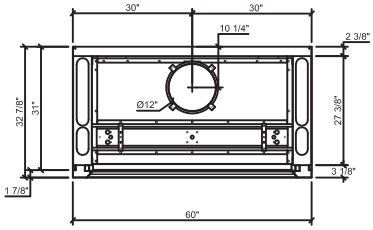
F-602-48G5 - 48" Wide



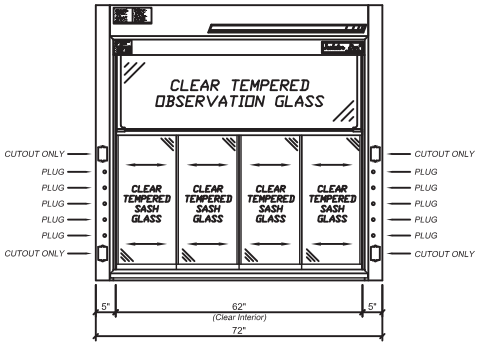


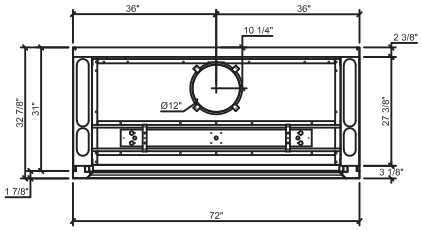
F-602-60G5 - 60" Wide



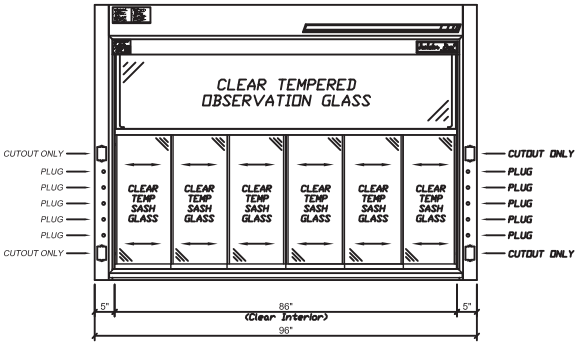


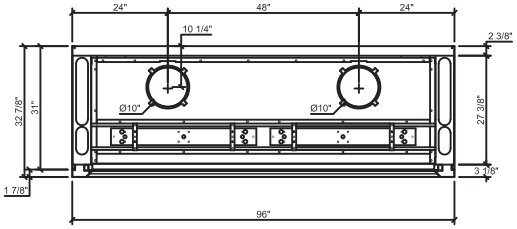
F-602-72G5 - 72" Wide



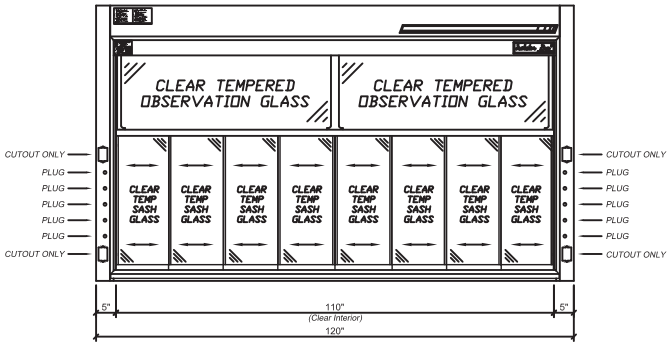


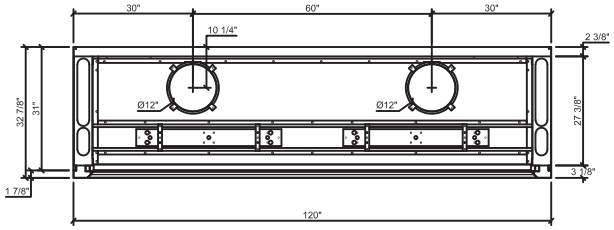
F-602-96G5 - 96" Wide



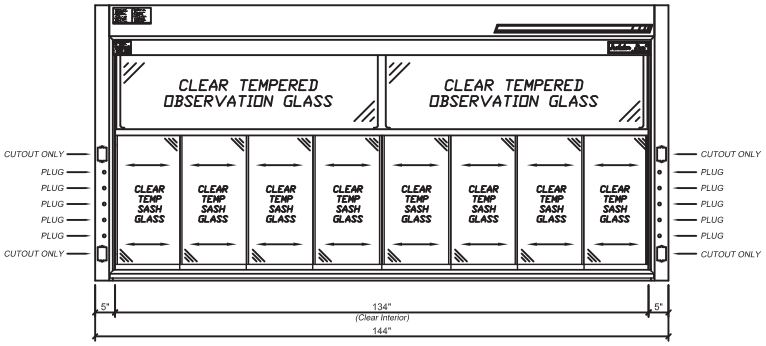


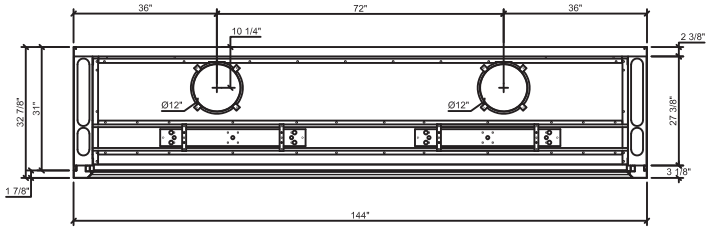
F-602-120G5 - 120" Wide





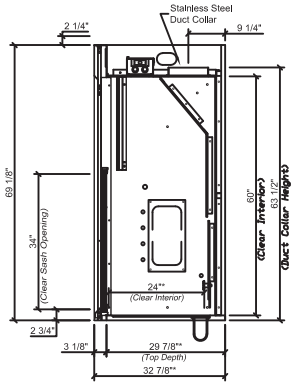
F-602-144G5 - 144" Wide



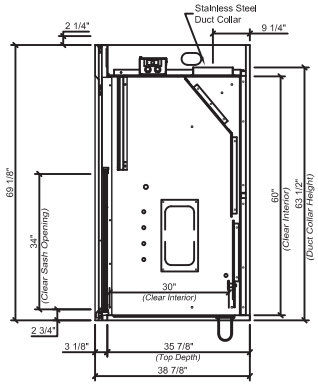


F-602 Gen-5 OS Height Bench Hood

Section - Standard Depth



Section - 30" Deep



F-603 Isolator Gen-5 OS Height Fume Hood - Framed Vertical Sash

ISOLATOR Gen-5 OS Height Bench Fume Hood - This general purpose fume hood is designed to meet most laboratory Constant Air Volume (CAV) or Variable Air Volume (VAV) requirements and supplied with and automatic compensating upper by-pass. For VAV, use option MOD-0004 for a restricted by-pass position of observation glass. Designed to mount on a 31" deep counter top. The ISOLATOR Gen-5 bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Interior Height - Interior height of 60", as opposed to the standard bench interior height of 48", to accommodate taller apparatus.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel frame. Optional laminated safety glass or polycarbonate available for special applications. Hood has a framed vertical sash with a 54" exterior sightline.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided. Explosion proof fixtures are available options.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

Access Panels - Interior overlay style access panels provide convenient access and prevent accidental removal. Exterior side panels are also removable for ease of access to plumbing and electrical service fixtures.

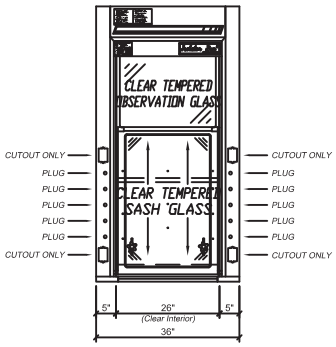
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

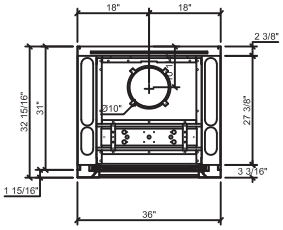
Rendering shown with optional features

Catalog Number	Width	Clear Interior Depth	Duct Diameter	34" Open @ 100 FPM	18" Open @ 100 FPM
F-603-36	36"	24"	1:10"	614 CFM @ .20" SP	325 CFM @ .06" SP
F-603-36D30	36"	30"	1:10"	614 CFM @ .20" SP	325 CFM @ .06" SP
F-603-48	48"	24"	1:12"	897 CFM @ .43" SP	475 CFM @ .12" SP
F-603-48D30	48"	30"	1:12"	897 CFM @ .43" SP	475 CFM @ .12" SP
F-603-60	60"	24"	1:12"	1181 CFM @ .40" SP	625 CFM @ .11" SP
F-603-60D30	60"	30"	1:12"	1181 CFM @ .40" SP	625 CFM @ .11" SP
F-603-72	72"	24"	1:12"	1464 CFM @ .62" SP	775 CFM @ .17" SP
F-603-72D30	72"	30"	1:12"	1464 CFM @ .62" SP	775 CFM @ .17" SP
F-603-96	96"	24"	2:10"	2031 CFM @ .55" SP	1075 CFM @ .15" SP
F-603-96D30	96"	30"	2:10"	2031 CFM @ .55" SP	1075 CFM @ .15" SP
F-603-120	120"	24"	2:12"	2597 CFM @ .89" SP	1375 CFM @ .25" SP
F-603-120D30	120"	30"	2:12"	2597 CFM @ .89" SP	1375 CFM @ .25" SP
F-603-144	144"	24"	2:12"	3164 CFM @ 1.32" SP	1675 CFM @ .37" SP
F-603-144D30	144"	30"	2:12"	3164 CFM @ 1.32" SP	1675 CFM @ .37" SP

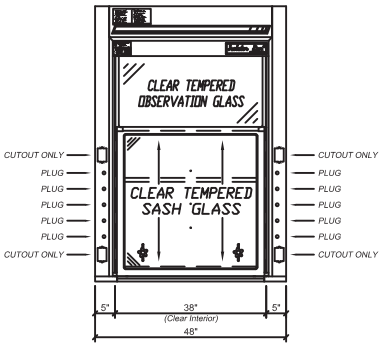
F-603 Gen-5 OS Height Bench Hood

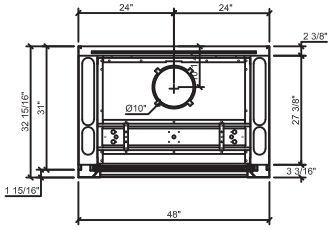
F-603-36G5 - 36" Wide



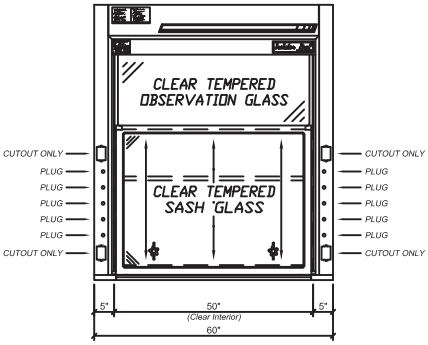


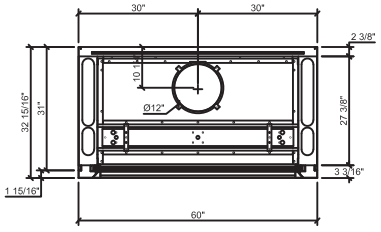
F-603-48G5 - 48" Wide



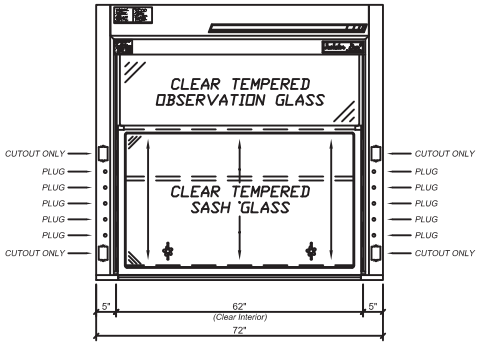


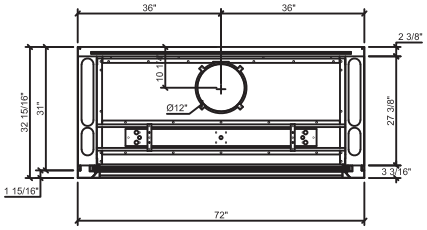
F-603-60G5 - 60" Wide



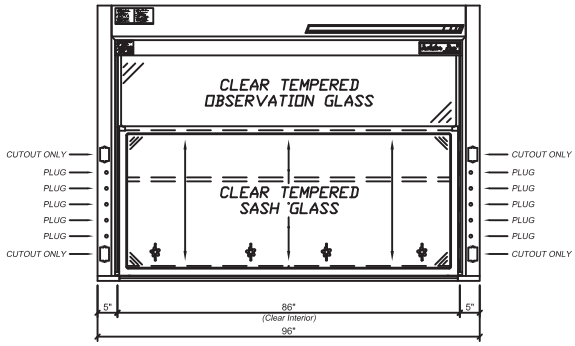


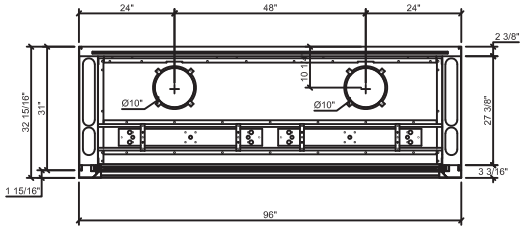
F-603-72G5 - 72" Wide



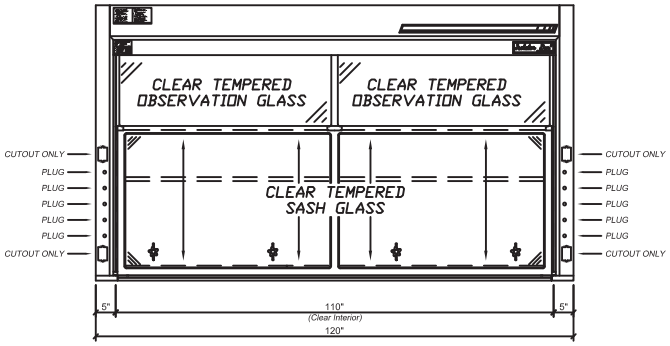


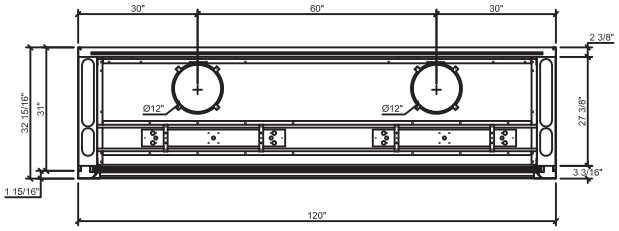
F-603-96G5 - 96" Wide





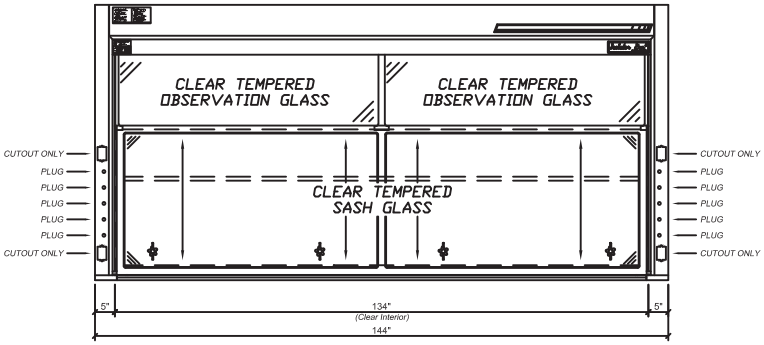
F-603-120G5 - 120" Wide

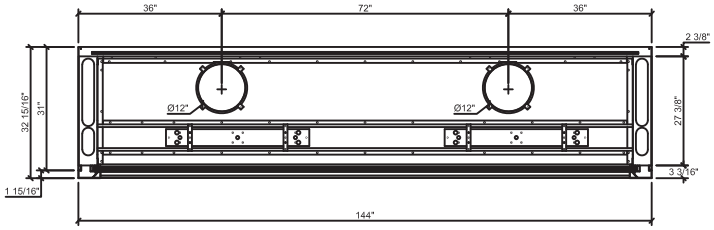




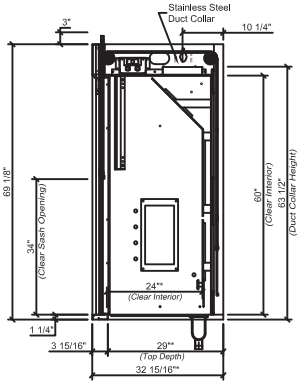
F-603 Gen-5 OS Height Bench Hood

F-603-144G5 - 144" Wide

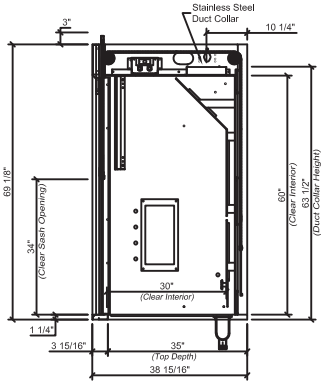




Section - Standard Depth



Section - 30" Deep



F-EXP II Explorer Fume Hood - Framed Sash

The EXPLORER II series of science fume hoods are designed to support a variety of research in University and K-14 environments. A basic module can be a stand alone unit with a painted steel rear panel, or combined back-to-back with glass back panels to create a see through condition. Glass side panels allow instructors to easily monitor activities within the fume hood. Electrical fixtures and Plumbing valves are located in the post. The EXPLORER II bench mounted fume hood is supplied with the following standard features:

Counter Balance Systems - Chain and sprocket system delivers the easiest and most reliable sash operation available with an exceptional product life-cycle ISOLATOR drive system provides economical and reliable operation; tested to over 1 million cycles with no failure.

Sash Design - 1/4" thick tempered safety glass is provided with an epoxy urethane coated steel frame. Optional laminated safety glass available for special applications. Hood has a framed vertical sash.

Lower Airfoil - Aerodynamic flush sill design allows air to enter the fume hood even when the sash is closed ensuring efficient fume exhaust. The flip up safety trough cover allows electrical wiring or tubing into the fume hood while still permitting full closure of the sash.

Stainless Steel Type 304 Exhaust Collar - Rectangular collar which minimize static pressure losses and exhaust noise levels.

Electrical - Two UL/CSA approved duplex receptacles provided for 120 volt service, one on each corner post. UL/CSA approved LED light fixture and switch provided.

Plumbing - Both corner posts are pre-punched to accept a maximum of five plumbing fittings per post. Factory pre-plumbing is available as well as plumbing fixtures from a variety of manufacturers to meet most plumbing needs.

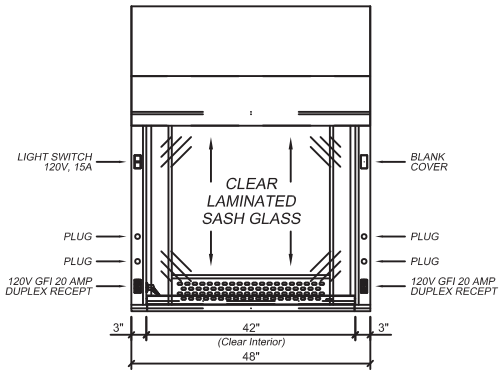
Note: Only ball valves are available on the EXPLORER series of fume hoods. All pre-plumbing is ¼" N (3/8" OD) white crosslinked high density polyethylene tubing.

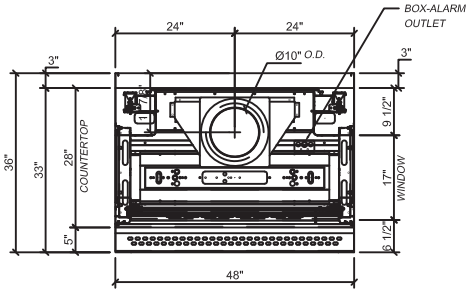
Standards - UL 1805 Compliant and tested in accordance with ASHRAE 110. Test results available upon request.

Catalog Number	Width	Back Material	Duct Dimensions	30" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM
F-EXP2-48SIN-MTL	48"	Epoxy Urethane Coated Steel Back	3" x 24"	875 CFM @ .40" SP	525 CFM @ .15" SP
F-EXP2-48SIN-GLS	48"	Tempered Glass Back	3" x 24"	875 CFM @ .40" SP	525 CFM @ .15" SP
F-EXP2-60SIN-MTL	60"	Epoxy Urethane Coated Steel Back	3" x 24"	1125 CFM @ .67" SP	675 CFM @ .24" SP
F-EXP2-60SIN-GLS	60"	Tempered Glass Back	3" x 24"	1125 CFM @ .67" SP	675 CFM @ .24" SP
F-EXP2-72SIN-MTL	72"	Epoxy Urethane Coated Steel Back	3" x 24"	1375 CFM @ 1" SP	825 CFM @ .36" SP
F-EXP2-72SIN-GLS	72"	Tempered Glass Back	3" x 24"	1375 CFM @ 1" SP	825 CFM @ .36" SP

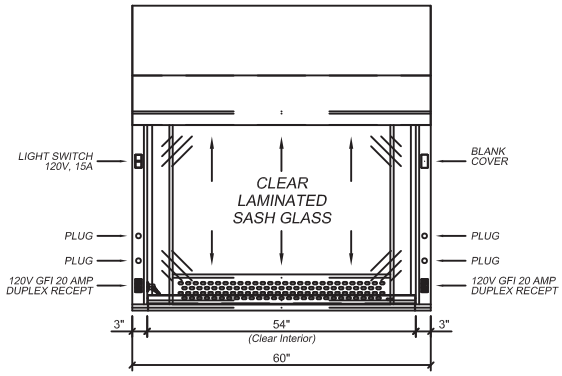
F-EXP II Explorer Bench Hood

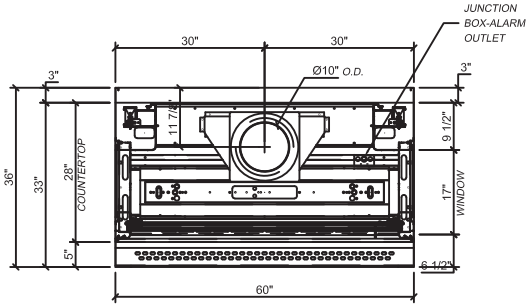
F-EXPII-48SIN - 48" Wide



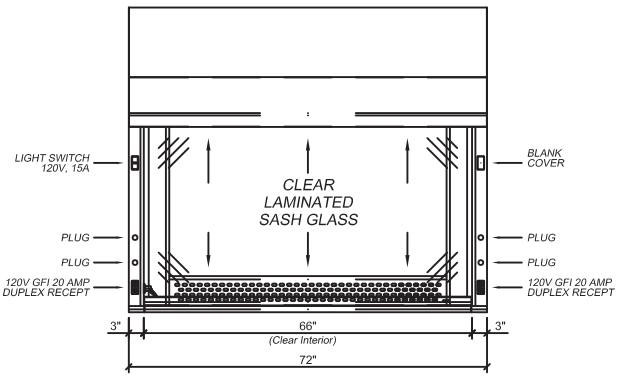


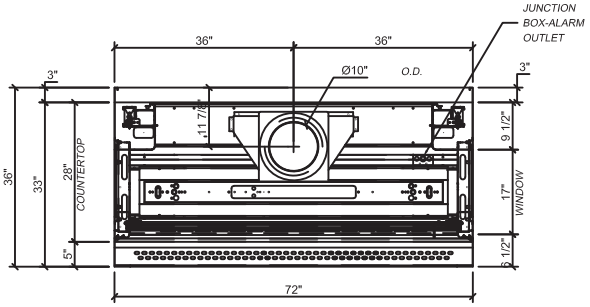
F-EXPII-60SIN - 60" Wide



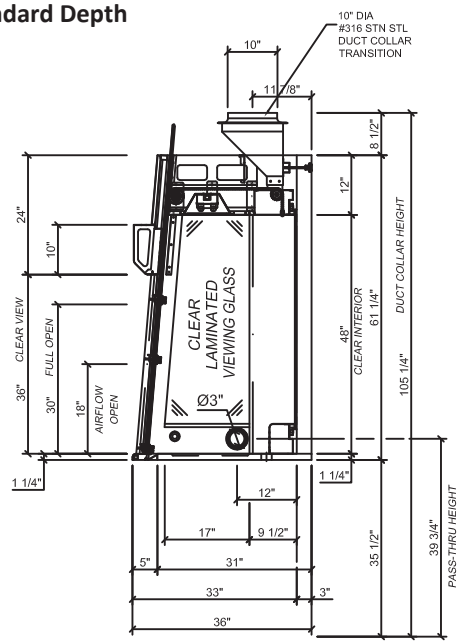


F-EXPII-72SIN - 72" Wide





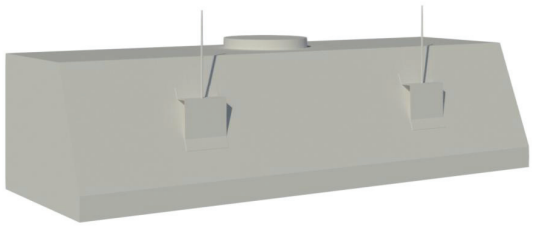
Section - Standard Depth



Canopy Fume Hoods

Wall Mounted Canopy Hoods

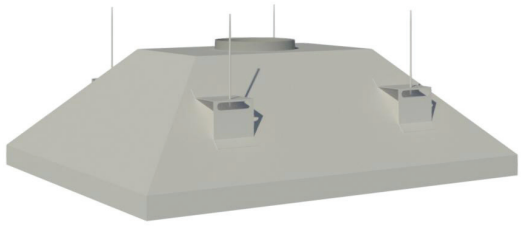
Canopy hoods are suitable for the removal of heat or nuisance fumes. They need to be tied into general exhaust for the lab. The wall mounted canopy hoods have a flat back and are designed for perimeter locations. Includes a duct collar, baffles, condensation tray and threaded rods for hanging.



Catalog Number		Dimensions
Painted Steel	304 Stainless Steel	
C200-36P	C200-36S	36" W x 24" D x 18" H
C200-36PD30	C200-36SD30	36" W x 30" D x 18" H
C200-48P	C200-48S	48" W x 24" D x 18" H
C200-48PD30	C200-48SD30	48" W x 30" D x 18" H
C200-60P	C200-60S	60" W x 24" D x 18" H
C200-60PD30	C200-60SD30	60" W x 30" D x 18" H
C200-72P	C200-72S	72" W x 24" D x 18" H
C200-72PD30	C200-72SD30	72" W x 30" D x 18" H

Ceiling Mounted Canopy Hoods

Canopy hoods are suitable for the removal of heat or nuisance fumes. They need to be tied into general exhaust for the lab. The wall mounted canopy hoods have a flat back and are designed for perimeter locations. Includes a duct collar, baffles, condensation tray and threaded rods for hanging.



Catalog Number		Dimensions
Painted Steel	304 Stainless Steel	
C100-36P	C100-36S	36" W x 48" D x 18" H
C100-48P	C100-48S	48" W x 48" D x 18" H
C100-60P	C100-60S	60" W x 48" D x 18" H
C100-72P	C100-72S	72" W x 48" D x 18" H

Fume Hood Liners

All of our ISOLATOR fume hoods come standard with a bright white fiberglass reinforced polyresin liner material. It is an excellent general purpose liner.

Chemical	Fiberglass Reinforced Polyresin	Polypropylene	Polyvinyl Chloride	304 Stainless Steel	316 Stainless Steel
Acetic Acid	N	N	N	S	N
Acetone	N	B	B	N	N
Ammonium Hydroxide	N	N	N	N	N
Benzene	N	B	B	N	N
Carbon Tetrachloride	N	S	B	N	N
Chromic Acid	S	S	S	N	N
Diethyl Ether	N	B	B	N	N
Ethyl Alcohol	N	N	N	N	N
Gasoline	N	B	N	N	N
Hydrogen Peroxide	N	N	N	NA	NA
Hydrochloric Acid	N	N	N	B	B
Kerosene	N	B	N	N	N
Methyl Alcohol	N	N	S	N	N
Methyl Ethyl Ketone	N	N	B	N	N
Nitric Acid	N (20%)	B	N	B	B
Sodium Chloride	N	N	N	S (10%)	N (10%)
Sodium Hydroxide	N	N	N	N	N
Sodium Hypochlorite	N	B	N	N	N
Sodium Sulfide	S	NA	N	N	N
Sulfuric Acid	N (33%)	S	N (70%)	S (80%)	N (80%)
Sulfuric Acid (conc.)	S	B	S	B	S
Flame Spread	15	NA	NA	0	0
Fuel Contributed	0	NA	NA	0	0
Smoke Developed	500	NA	NA	0	0

N = No Effect
S = Slight Effect
B = Bad Effect
NA = Data Not Available

Fume Hood Liners

Fume Hood Liners - substitute the standard with Polyvinyl Chloride

Polyvinyl Chloride has excellent resistance to strong acids, bases and solvents, has low mechanical tolerance for heat.

Width x Depth	F100 - F103 F181-2 - F183-4 F350 - F353	F121	F200 - F203, F210-F213	F250 - F253	F292	F600 - F603
36" W x 24" D	1-L436	-	-	-	-	6-L436
36" W x 30" D	1-L436D30	-	-	-	-	6-L436D30
48" W x 24" D	1-L448	12-L448	2-L448	-	-	6-L448
48" W x 30" D	1-L448D30	-	2-L448D30	-	-	6-L448D30
60" W x 24" D	1-L460	12-L460	2-L460	-	-	6-L460
60" W x 30" D	1-L460D30	-	2-L460D30	-	-	6-L460D30
72" W x 24" D	1-L472	12-L472	2-L472	25-L472	29-L472	6-L472
72" W x 30" D	1-L472D30	-	2-L47230	-	-	6-L472D30
84" W x 24" D	1-L484	-	-	-	-	-
84" W x 30" D	1-L484D30	-	-	-	-	-
96" W x 24" D	1-L496	-	2-L496	25-L496	29-L496	6-L496
96" W x 30" D	1-L496D30	-	2-L496D30	-	-	6-L496D30
120" W x 24" D	1-L4120	-	2-L4120	25-L4120	29-L4120	6-L4120
120" W x 30" D	1-L4120D30	-	2-L4120D30	-	-	6-L4120D30
144" W x 24" D	1-L4144	-	2-L4144	25-L4144	29-L4144	6-L4144
144" W x 30" D	1-L4144D30	-	2-L4144D30	-	-	6-L4144D30

Fume Hood Liners - substitute the standard with Polypropylene*

Polypropylene has excellent resistance to strong acids, bases and solvents. Melts under thermal stress. Fire Extinguisher is required for Polypropylene Liners.

Width x Depth	F100 - F103 F181-2 - F183-4 F350 - F353	F121	F200 - F203, F210-F213	F250 - F253	F292	F600 - F603
36" W x 24" D	1-L536	-	-	-	-	6-L536
36" W x 30" D	1-L536D30	-	-	-	-	6-L536D30
48" W x 24" D	1-L548	-	2-L548	-	-	6-L548
48" W x 30" D	1-L548D30	-	2-L548D30	-	-	6-L548D30
60" W x 24" D	1-L560	-	2-L560	-	-	6-L560
60" W x 30" D	1-L560D30	-	2-L560D30	-	-	6-L560D30
72" W x 24" D	1-L572	-	2-L572	25-L572	29-L572	6-L572
72" W x 30" D	1-L572D30	-	2-L572D30	-	-	6-L572D30
84" W x 24" D	1-L584	-	-	-	-	-
84" W x 30" D	1-L584D30	-	-	-	-	-
96" W x 24" D	1-L596	-	2-L596	25-L596	29-L596	6-L596
96" W x 30" D	1-L596D30	-	2-L596D30	-	-	6-L596D30
120" W x 24" D	1-L5120	-	2-L5120	25-L5120	29-L5120	6-L5120
120" W x 30" D	1-L5120D30	-	2-L5120D30	-	-	6-L5120D30
144" W x 24" D	1-L5144	-	2-L5144	25-L5144	29-L5144	6-L5144
144" W x 30" D	1-L5144D30	-	2-L5144D30	-	-	6-L5144D30

For F121 liners, please contact ICI's estimating department for more information.

*Polypropylene liners requires a fire suppression system

Fume Hood Liners - substitute the standard with 304 Stainless Steel

304 Stainless Steel liners have squared corners. Outstanding resistance to heat, solvents and most acids.

Width x Depth	F100 - F103 F181-2 - F183-4 F350 - F353	F121	F200 - F203	F250 - F253	F292	F600 - F603
36" W x 24" D	1-L636	-	-	-	-	6-L636
36" W x 30" D	1-L636D30	-	-	-	-	6-L636D30
48" W x 24" D	1-L648	12-L648	2-L648	-	-	6-L648
48" W x 30" D	1-L648D30	-	2-L648D30	-	-	6-L648D30
60" W x 24" D	1-L660	12-L660	2-L660	-	-	6-L660
60" W x 30" D	1-L660D30	-	2-L660D30	-	-	6-L660D30
72" W x 24" D	1-L672	12-L672	2-L672	25-L672	29-L672	6-L672
72" W x 30" D	1-L672D30	-	2-L672D30	-	-	6-L672D30
84" W x 24" D	1-L684	-	-	-	-	-
84" W x 30" D	1-L684D30	-	-	-	-	-
96" W x 24" D	1-L696	-	2-L696	25-L696	29-L696	6-L696
96" W x 30" D	1-L696D30	-	2-L696D30	-	-	6-L696D30
120" W x 24" D	1-L6120	-	2-L6120	25-L6120	29-L6120	6-L6120
120" W x 30" D	1-L6120D30	-	2-L6120D30	-	-	6-L6120D30
144" W x 24" D	1-L6144	-	2-L6144	25-L6144	29-L6144	6-L6144
144" W x 30" D	1-L6144D30	-	2-L6144D30	-	-	6-L6144D30

Fume Hood Liners - substitute the standard with 316 Stainless Steel

316 Stainless Steel liners have coved corners. Excellent heat and corrosion resistance. For use with biological and radioactive material.

Width x Depth	F400-403
36" W x 24" D	4-L836
48" W x 24" D	4-L848
60" W x 24" D	4-L860
72" W x 24" D	4-L872
96" W x 24" D	4-L896

Fume Hood Electrical

Standard Electrical Package (Prewired)

Standard Electrical Package includes: (1) 125V 20 Amp Light Switch, (2) 125V 20 Amp Duplex Receptacle, (1) Junction Box, LED Hood Fixture. Light bulbs must be purchased separately.
Additional fixtures may be added to these packages.
GFI is required if water is in the hood.

Width	Type	
	Standard	GFI
36"	EL36	EL36-GFI
48"	EL48	EL48-GFI
48" F121 Hood	EL48T	EL48T-GFI
60"	EL60	EL60-GFI
60" F121 Hood	EL60T	EL60T-GFI
72"	EL72	EL72-GFI
72" F121 and F292 Hood	EL72T	EL72T-GFI
84"	EL84	EL84-GFI
96"	EL96	EL96-GFI
96" F292 Hood	EL96T	EL96T-GFI
120"	EL120	EL120-GFI
120" F292 Hood	EL120T	EL120T-GFI
144"	EL144	EL144-GFI
144" F292 Hood	EL144T	EL144T-GFI

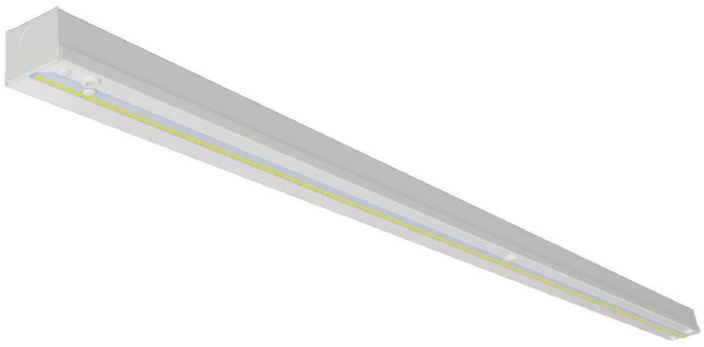
Light Fixtures

Lights are not included in hood superstructures and must be purchased separately. Additional lights may be purchased if hood requires it.

Catalog Number	Description
E15SL	150 W Explosion Proof Light
E19-24LED	24" LED Light Fixture
E19-36LED	36" LED Light Fixture
E19-48LED	48" LED Light Fixture

Light Key

Fume Hood Type	Fixture Width	Number of Fixtures
36" Wide, Standard and 30" Deep	24"	1
48" Wide, Standard and 30" Deep	36"	1
48" Wide, F121 Hood	24"	2
60" Wide, Standard and 30" Deep	48"	1
60" Wide, F121 Hood	24"	2
72" Wide, Standard and 30" Deep	48"	1
72" Wide, F121 Hood	24"	2
96" Wide, Standard and 30" Deep	36"	2
120" Wide, Standard and 30" Deep	48"	2
144" Wide, Standard and 30" Deep	48"	2
48" Wide, Double Depth	36"	2
60" Wide, Double Depth	48"	2
72" Wide, Double Depth	48"	2
96" Wide, Double Depth	36"	4
120" Wide, Double Depth	48"	4
144" Wide, Double Depth	48"	4



Rendering of LED Light Fixture

Fume Hood Electrical

Prewired Electrical Outlets

Catalog Number	Description
E01	125V 20 Amp Duplex Receptacle
E02	125V 20 Amp Duplex Receptacle GFI
E03	125V 20 Amp Simplex Receptacle
E04	250V 20 Amp Simplex Receptacle
E05	250V 20 Amp Duplex Receptacle
E09SP-GFI	125V 15 Amp Duplex/Switch Combo
E17	Junction Box

Data Package

Includes (1) cover plate, keystone, box. Jacks and cables by others.

Catalog Number	Description
E30-DATA	Cover plate, keystone, and box

Prewired Light Switch/Blower Switch Options

Catalog Number	Description
E09	125V 20 Amp Light Switch
E10	125V 20 Amp Light Switch with Pilot Light
E11*	20 Amp Blower Switch - Manual Motor Starter
E11NS	Two Pole Switch For Use With Night Setback Sp90
E12* **	20 Amp Blower Switch with Pilot Light - Manual Motor Starter
E50	Kill Switch Control - Wired

*For overload protection of blower motors rated at 120 VAC from .1 HP to .2 HP

** Not for use with sp90 night setback

Transformers

Transformers are shipped loose and must be mounted on apron rail below fume hood.

Catalog Number	Description
E16A-120SL	120V Variable Transformer
E16A-240SL	240V Variable Transformer

Explosion Proof Fixtures

All explosion proof fixtures are shipped loose.

Catalog Number	Description
E06SL	125V 20 Amp Simplex Receptacle
E07SL	250V 20 Amp Simplex Receptacle
E08SL	125V 20 Amp Simplex Receptacle with GFI
E13SL	125-240V 20 Amp Blower Switch
E14SL	125V 20 Amp Light Switch
E17-EPSL	Junction Box

Fume Hood Fixture Accessories

Catalog Number	Description
PF-0020	Vertical Pressure Regulator, Panel Mount
PF-0030	Quick Disconnect Interior Fitting
PF-0040	External Vacuum Breaker, Face Mount
PF-0050	External Vacuum Breaker, Top Mount

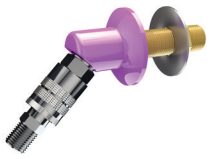
Fume Hood Outlet Options

Epoxy coated and color coordinated.

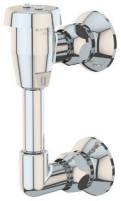
Catalog Number	Service	Type
PF-0070	Gas	Serrated Hose
PF-0090	Steam	Serrated Hose
PF-0100	Water	Serrated Hose
PF-0110	Water	Gooseneck
PF-0120	Water	Gooseneck with Vacuum Breaker*
PF-0130	Water	Gooseneck, Deion, Polypro
PF-0170	Water	Right Angle
PF-0180	Water	Right Angle with Vacuum Breaker*

*Internal Vacuum Breaker may not be recommended. Check your local government plumbing code.

PF-0020



PF-0030



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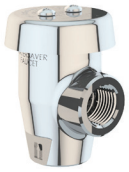


PF-0050

PF-0070, PF-0090, PF-0100

PF-0110

PF-0120

PF-0130

PF-0170

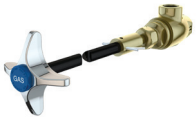
Valve Options

Chrome plated guide plate and handle with color coordinated index cap.

Catalog Number	Service	Type
		Front Load
PF-0210	Gas	Front Load
PF-0215	Gas	Front Load, Straight Fine Control
PF-0230	Hot and Cold Mix	Front Load
PF-0250	Steam	Front Load
PF-0270	Water	Front Load
PF-0270-DI	DI Water	Front Load, Polypro
		Rod Driven
PF-0280	Gas	Rod Driven
PF-0280-VR	Gas	Rod Driven, Vandal Resistant
PF-0290	Gas	Rod Driven, Fine Control
PF-0310	Hot and Cold Mix	Rod Driven
PF-0330	Steam	Rod Driven
PF-0350	Water	Rod Driven
PF-0350-VR	Water	Rod Driven, Vandal Resistant
PF-0360	DI Water	Rod Driven, DI, Polypro
		Rod Driven ADA
PF-0300	Gas	Rod Driven, ADA Lever
PF-0320	Hot and Cold Mix	Rod Driven, ADA Lever
PF-0340	Steam	Rod Driven, ADA Lever
PF-0380	Water	Rod Driven, ADA Lever
EXP II Valve Options		Front Load
PF-0500	Gas	Front Load, Ball Valve
PF-0510	Water	Front Load, Ball Valve
PF-0520	Hot and Cold Mix	Front Load, Ball Valve
PF-0530	DI Water	Front Load, Ball Valve

PF-0210, PF-0215, PF-0230, PF-0250, PF-0270

PF-0270-DI



PF-0280, PF-0280-VR, PF-0290, PF-0310, PF-0330, PF-0350, PF-0350-VR

PF-0300, PF-0320, PF-0340, PF-0380

PF-0500, PF-0510, PF-0520, PF-0530

Pre-Piping Plumbing Fixtures

Catalog Number	Type	Fitting Material	Services	Tubing/Pipe
PP-FLM	Front Load	Copper	Mix	1/2" Type L Hard Copper
PP-FLS	Front Load	Stainless Steel	Any	3/8" #304 Stainless Steel Schedule 30 Pipe
PP-FLV	Front Load	Copper	Cold Water, Hot Water, Air, Vacuum, Nitrogen, Hydrogen, Steam	1/2" Type L Hard Copper Tubing
PP-FLW	Front Load	Copper	Argon, Pure Gas	1/2" ACR cleaned capped Copper Tubing
PP-FLX	Front Load	Black Iron	Gas, Natural Gas, Steam	3/8" Schedule 40 Black Iron Pipe
PP-FLY	Front Load	PVC	Distilled Water	1/2" Schedule 80 PVC tubing
PP-FLZ	Front Load	PolyPro	Deionized Water, Glycol Supply, Glycol Return	1/2" Schedule 80 Polypropylene Tubing
PP-RDM	Rod Driven	Copper	Mix	1/2" Type L Hard Copper
PP-RDS	Rod Driven	Stainless Steel	Any	3/8" #304 Stainless Steel Schedule 40 Pipe
PP-RDV	Rod Driven	Copper	Cold Water, Hot Water, Air, Vacuum, Nitrogen, Hydrogen, Steam	1/2" Type L Hard Copper Tubing
PP-RDW	Rod Driven	Copper	Argon, Pure Gas	1/2" ACR cleaned and capped Copper Tubing
PP-RDX	Rod Driven	Black Iron	Gas, Natural Gas	3/8" Schedule 40 Black Iron Pipe
PP-RDY	Rod Driven	PVC	Distilled Water	1/2" Schedule 80 PVC Tubing
PP-RDZ	Rod Driven	PolyPro	Deionized Water, Glycol Supply, Glycol Return	1/2" Schedule 80 Polypropylene Tubing

EXP II Pre-Piping Plumbing Fixtures

Catalog Number	Type	Fitting Material	Services	Tubing/Pipe
PP-EXPA	Front Load		Cold Water, Hot Water, Air, Vacuum, Nitrogen, Hydrogen	1/4" N (3/8" O.D.) White crosslinked H.D.P.E. tubing
PP-EXPB	Front Load		Mix	1/4" N (3/8" O.D.) White crosslinked H.D.P.E. tubing
PP-EXPC	Front Load		Natural Gas	3/8" O.D. Stainless Steel Flexible tubing
PP-EXPD	Front Load		Distilled	1/4" N (3/8" O.D.) White crosslinked H.D.P.E. tubing

Note: These services are for general use only. International and Local plumbing codes supersede what is written here.

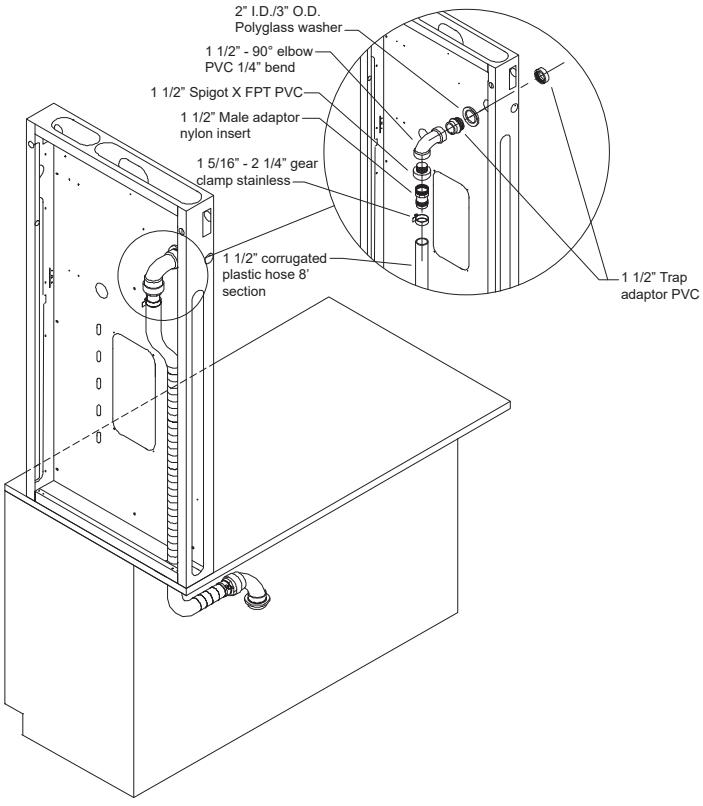
Fume Hood Plumbing

Pre-Piping Plumbing Fixtures

Catalog Number	Description
PP-A0001	For External Vacuum Breaker
PP-A0002	Single Point Connection, Mixing, Copper
PP-A0004	Single Point Connection, Simple
PP-A0005	Single Point Connection, Stainless Steel
PP-A0006	Single Point Connection, Ultra Pure
PP-A0007	Single Point Connection, Black Iron
PP-A0008	Single Point Connection, PVC
PP-A0009	Single Point Connection, PolyPro
PP-A0010	Face Mounted Pressure Regulator
PP-A0011	Insulated Piping

Fume Hood Vent Kits

Catalog Number	Description
FUMEHOOD-VK	PVC Fume Hood Vent Kit
VENT-KIT-SS	Stainless Steel Fume Vent Kit



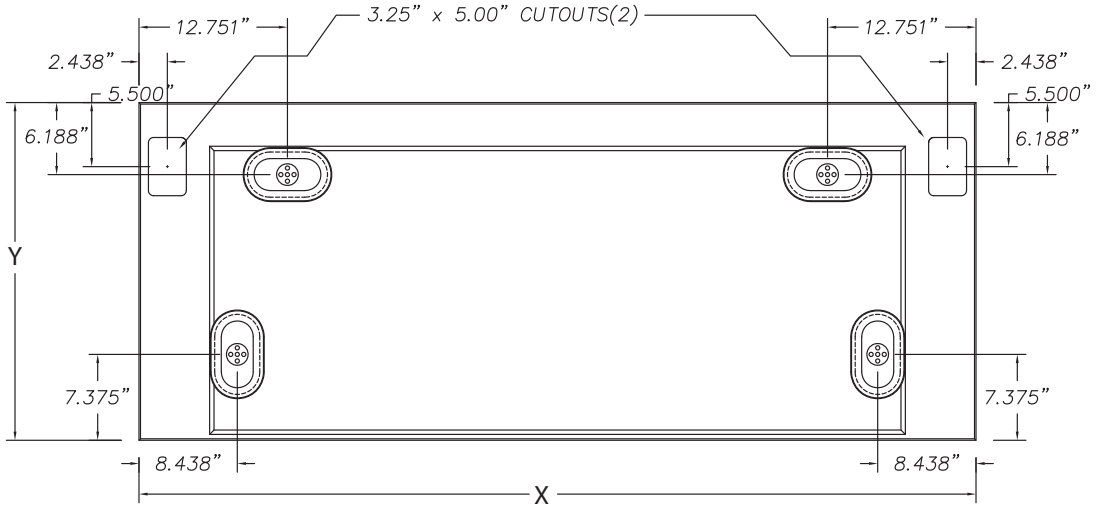
Standard Indexing

Service	Color	Abbreviation
Air	Orange	AIR
Cold Water	Green	CW
De-ionized Water	White	DI
Distilled Water	White	DW
Gas	Blue	GAS
Hot Water	Red	HW
Hydrogen	Pink	HYD
Nitrogen	Brown	NIT
Oxygen	Lt. Green	OXY
Steam	Black	STM
Vacuum	Yellow	VAC

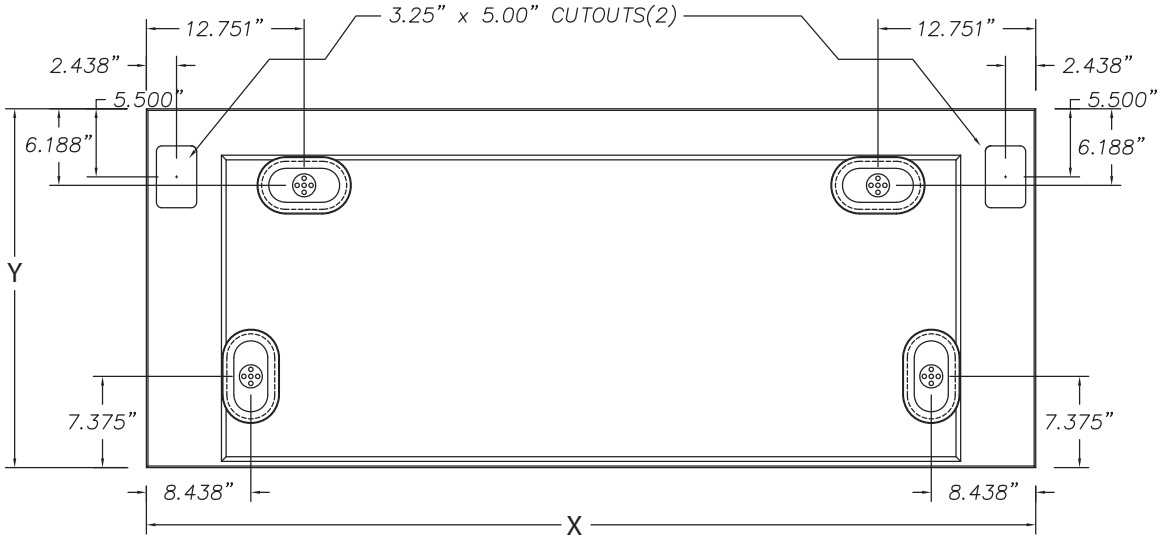
Other Indexing

Service	Color	Abbreviation
Acetylene	Violet	C2H2
Ammonia	Lt. Green	NH3
Argon	Violet	AR
Butane	Lt. Blue	BUT
Carbon Dioxide	Pink	CO2
Chilled Water	Green	CH WAT
Chilled Water Supply	Green	CWS
Chilled Water Return	Green	CWR
Cylinder Gas	Lt. Blue	CYL GAS
Glycol Supply	Lt. Green	GLY SUP
Glycol Return	Lt. Green	GLY RET
Helium	Black	HE
Hydrogen	Pink	H2
Hydrogen	Lt. Blue	H
Hydrogen	Lt. Blue	H2
Hydrogen	Lt. Blue	HYD
Ice Water	White	IW
Industrial Cold Water	Green	ICW
Industrial Hot Water	Red	IHW
Methane	Lt. Blue	CH4
Natural Gas	Blue	NAT GAS
Nitrogen	Gray	NIT
Nitrogen	Gray	N2
Nitrogen	Brown	N
Nitrogen	Brown	N2
Nitrous Oxide	Lt. Green	N20
Oxygen	Lt. Green	O2
Propane	Pink	PRO
Reverse Osmosis	White	RO
Special Gas	Lt. Blue	SG

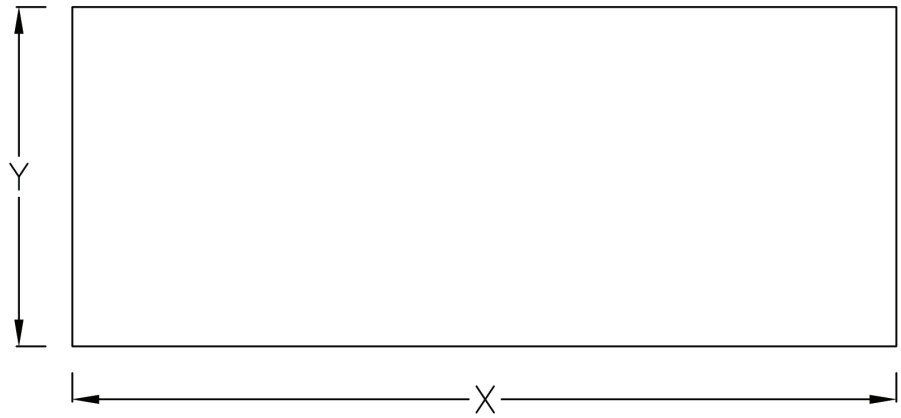
Bench Mounted Fume Hood Work Tops - Standard and 30" Deep



Bench Mounted Fume Hood Work Tops - F121 Depth



Fume Hood Work Tops - Floor Mounted



Fume Hood Work Tops

Bench Mounted Fume Hood Work Tops

Width	Top Dimensions		Material	Cup Sink Location			
	X	Y		None	Left Rear	Right Rear	Both Rear
36"	35.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-36-B	WL-36-B	WR-36-B	WB-36-B
			304 Stainless Steel	WN-36-S	WL-36-S	WR-36-S	WB-36-S
	35.875"	35" Deep Top (30" Deep Hood)	Black Epoxy	WN-36D30B	WL-36D30B	WR-36D30B	WB-36D30B
			304 Stainless Steel	WN-36D30S	WL-36D30S	WR-36D30S	WB-36D30S
48"	47.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-48-B	WL-48-B	WR-48-B	WB-48-B
			304 Stainless Steel	WN-48-S	WL-48-S	WR-48-S	WB-48-S
	47.875"	35" Deep Top (30" Deep Hood)	Black Epoxy	WN-48D30B	WL-48D30B	WR-48D30B	WB-48D30B
			304 Stainless Steel	WN-48D30S	WL-48D30S	WR-48D30S	WB-48D30S
	47.875"	26.25" Deep Top (F121 Hood)	Black Epoxy	WNT-48-B	WLT-48-B	WRT-48-B	WBT-48-B
			304 Stainless Steel	WNT-48-S	WLT-48-S	WRT-48-S	WBT-48-S
60"	59.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-60-B	WL-60-B	WR-60-B	WB-60-B
			304 Stainless Steel	WN-60-S	WL-60-S	WR-60-S	WB-60-S
	59.875"	35" Deep Top (30" Deep Hood)	Black Epoxy	WN-60D30B	WL-60D30B	WR-60D30B	WB-60D30B
			304 Stainless Steel	WN-60D30S	WL-60D30S	WR-60D30S	WB-60D30S
	59.875"	26.25" Deep Top (F121 Hood)	Black Epoxy	WNT-60-B	WLT-60-B	WRT-60-B	WBT-60-B
			304 Stainless Steel	WNT-60-S	WLT-60-S	WRT-60-S	WBT-60-S
72"	71.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-72-B	WL-72-B	WR-72-B	WB-72-B
			304 Stainless Steel	WN-72-S	WL-72-S	WR-72-S	WB-72-S
	71.875"	35" Deep Top (30" Deep Hood)	Black Epoxy	WN-72D30B	WL-72D30B	WR-72D30B	WB-72D30B
			304 Stainless Steel	WN-72D30S	WL-72D30S	WR-72D30S	WB-72D30S
	71.875"	26.25" Deep Top (F121 Hood)	Black Epoxy	WNT-72-B	WLT-72-B	WRT-72-B	WBT-72-B
			304 Stainless Steel	WNT-72-S	WLT-72-S	WRT-72-S	WBT-72-S
84"	83.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-84-B	WL-84-B	WR-84-B	WB-84-B
			304 Stainless Steel	WN-84-S	WL-84-S	WR-84-S	WB-84-S
	83.875"	35" Deep Top (30" Deep Hood)	Black Epoxy	WN-84D30B	WL-84D30B	WR-84D30B	WB-84D30B
			304 Stainless Steel	WN-84D30S	WL-84D30S	WR-84D30S	WB-84D30S
96"	95.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-96-B	WL-96-B	WR-96-B	WB-96-B
			304 Stainless Steel	WN-96-S	WL-96-S	WR-96-S	WB-96-S
	95.875"	35" Deep Top (30" Deep Hood)	Black Epoxy	WN-96D30B	WL-96D30B	WR-96D30B	WB-96D30B
			304 Stainless Steel	WN-96D30S	WL-96D30S	WR-96D30S	WB-96D30S
120"	119.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-120-B	WL-120-B	WR-120-B	WB-120-B
			304 Stainless Steel	WN-120-S	WL-120-S	WR-120-S	WB-120-S
	119.875"	35" Deep Top (30" Deep Hood)	Black Epoxy	WN-120D30B	WL-120D30B	WR-120D30B	WB-120D30B
			304 Stainless Steel	WN-120D30S	WL-120D30S	WR-120D30S	WB-120D30S
144"	143.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-144-B	WL-144-B	WR-144-B	WB-144-B
			304 Stainless Steel	WN-144-S	WL-144-S	WR-144-S	WB-144-S
	143.875"	35" Deep Top (30" Deep Hood)	Black Epoxy	WN-144D30B	WL-144D30B	WR-144D30B	WB-144D30B
			304 Stainless Steel	WN-144D30S	WL-144D30S	WR-144D30S	WB-144D30S

ADA Bench Mounted Fume Hood Work Tops

Width	Top Dimensions		Material	Cup Sink Location			
	X	Y		None	Left Front	Right Front	Both Front
48"	47.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-48-B	WAL-48B	WAR-48B	WAB-48B
			304 Stainless Steel	WN-48-S	WAL-48S	WAR-48S	WAB-48S
60"	59.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-60-B	WAL-60B	WAR-60B	WAB-60B
			304 Stainless Steel	WN-60-S	WAL-60S	WAR-60S	WAB-60S
72"	71.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-72-B	WAL-72B	WAR-72B	WAB-72B
			304 Stainless Steel	WN-72-S	WAL-72S	WAR-72S	WAB-72S
96"	95.875"	29" Deep Top (Standard Hood)	Black Epoxy	WN-96-B	WAL-96B	WAR-96B	WAB-96B
			304 Stainless Steel	WN-96-S	WAL-96S	WAR-96S	WAB-96S

Floor Mounted Fume Hood Work Tops

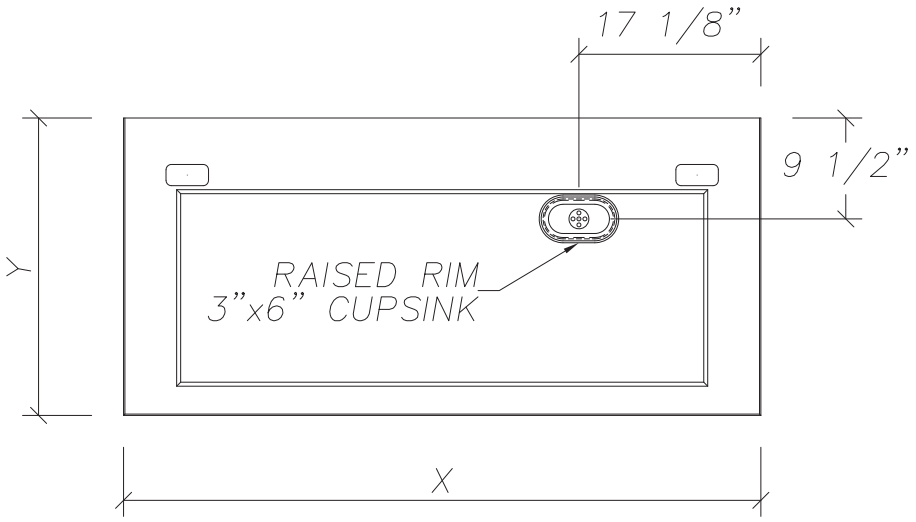
Width	Top Dimensions		Material	Cup Sink Location
	X	Y		None
48"	38"	25.5" Deep Top (Standard Hood)	Black Epoxy	WI-48-B
			304 Stainless Steel	WI-48-S
	38"	31.5" Deep Top (30" Deep Hood)	Black Epoxy	WI-48D30B
			304 Stainless Steel	WI-48D30S
60"	50"	25.5" Deep Top (Standard Hood)	Black Epoxy	WI-60-B
			304 Stainless Steel	WI-60-S
	50"	31.5" Deep Top (30" Deep Hood)	Black Epoxy	WI-60D30B
			304 Stainless Steel	WI-60D30S
72"	62"	25.5" Deep Top (Standard Hood)	Black Epoxy	WI-72-B
			304 Stainless Steel	WI-72-S
	62"	31.5" Deep Top (30" Deep Hood)	Black Epoxy	WI-72D30B
			304 Stainless Steel	WI-72D30S
96"	86"	25.5" Deep Top (Standard Hood)	Black Epoxy	WI-96-B
			304 Stainless Steel	WI-96-S
	86"	31.5" Deep Top (30" Deep Hood)	Black Epoxy	WI-96D30B
			304 Stainless Steel	WI-96D30S
120"	110"	25.5" Deep Top (Standard Hood)	Black Epoxy	WI-120-B
			304 Stainless Steel	WI-120-S
	110"	31.5" Deep Top (30" Deep Hood)	Black Epoxy	WI-120D30B
			304 Stainless Steel	WI-120D30S
144"	134"	25.5" Deep Top (Standard Hood)	Black Epoxy	WI-144-B
			304 Stainless Steel	WI-144-S
	134"	31.5" Deep Top (30" Deep Hood)	Black Epoxy	WI-144D30B
			304 Stainless Steel	WI-144D30S

Fume Hood Work Tops

Floor Mounted Fume Hood Work Tops - F250 and F292

Width	Top Dimensions		Material	Cup Sink Location
	X	Y		None
72"	62"	49.5	Black Epoxy	WI-72D48B
			304 Stainless Steel	WI-72D48S
96"	86"	49.5	Black Epoxy	WI-96D48B
			304 Stainless Steel	WI-96D48S
120"	110"	49.5	Black Epoxy	WI-120D48B
			304 Stainless Steel	WI-120D48S
144"	134"	49.5	Black Epoxy	WI-144D48B
			304 Stainless Steel	WI-144D48S

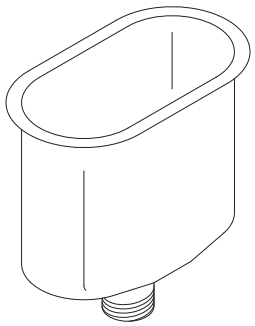
Fume Hood Work Tops - Explorer II



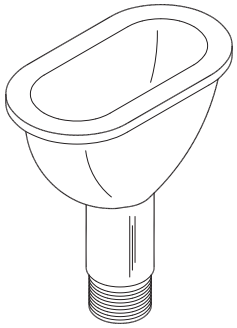
Width		Material	Cup Sink Location
X	Y		None
48"	Standard	Black Epoxy	WI-48EXPB
		304 Stainless Steel	WI-48EXPS
60"	Standard	Black Epoxy	WI-60EXPB
		304 Stainless Steel	WI-60EXPS
72"	Standard	Black Epoxy	WI-72EXPB
		304 Stainless Steel	WI-72EXPS

Cup Sink Options

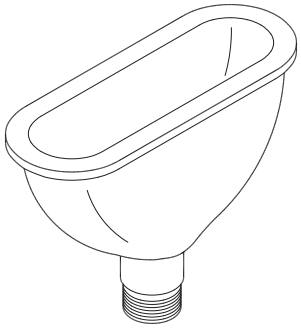
Catalog Number	Description
CS01-6-B	3" X 6" Epoxy, Oval, Deckmount, Black
CS01-9-B	3" X 9" Epoxy, Oval, Deckmount, Black
CS03-6-S	3" x 6" Oval Mount, 316 Stainless Steel
CS04-6-B	3" x 6" Oval Mount, Black Polypropylene
CS04-9-B	3" x 9" Oval Mount, Black Polypropylene
CS06-6-B	3" x 6" Oval Wall Mount with 90 elbow and back nut, Black Polypropylene
CS07-5-B	5" x 14" Rectangle Wall Mount with 90 elbow and backnut, 316 stainless steel screen support bracket, Black Polypropylene
CS07-5-S	5" x 14" Rectangle Wall Mount with 90 elbow and backnut, 316 stainless steel screen support bracket, 316 stainless steel
CS08-5-B	5" x 14" Rectangle Deck Mount, 316 stainless steel screen support bracket, Black Polypropylene



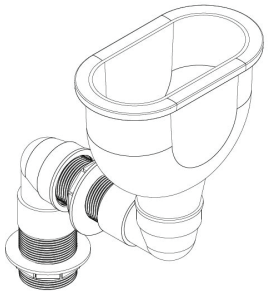
CS03-6-S



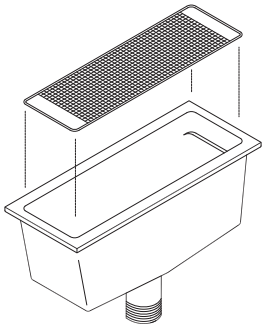
CS04-6-B



CS04-9-B



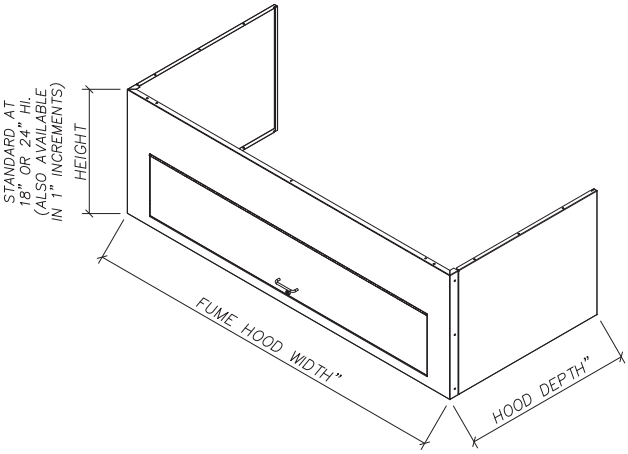
CS06-6-B



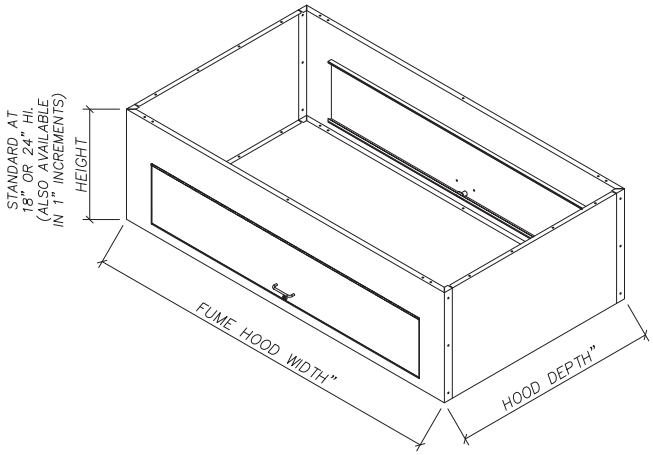
CS08-5-B

Fume Hood Ceiling Soffits

Fume Hood Ceiling Soffits - Hinged Access

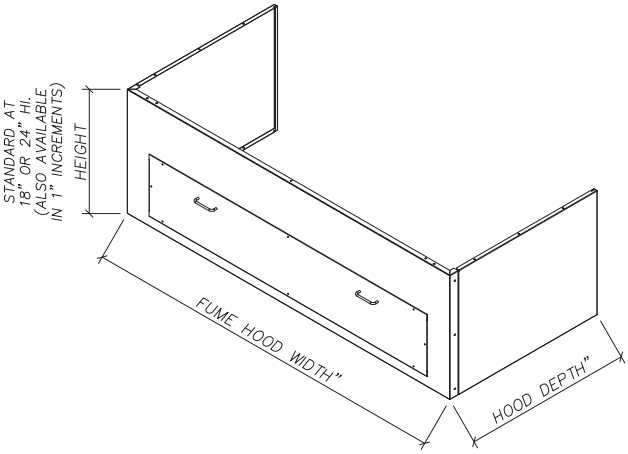


Single Sided

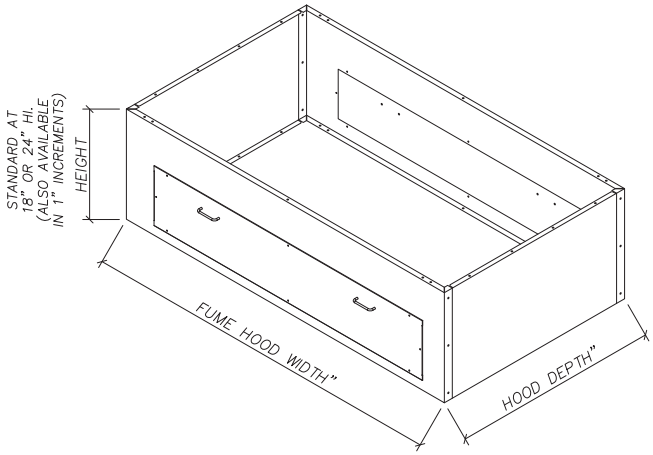


Double Sided

Fume Hood Ceiling Soffits - Removable Access

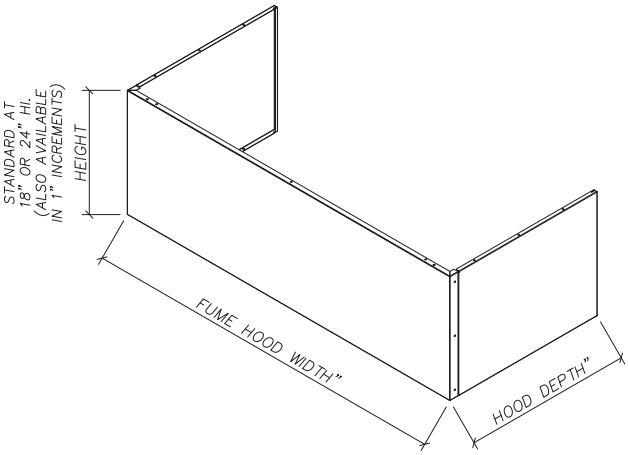


Single Sided

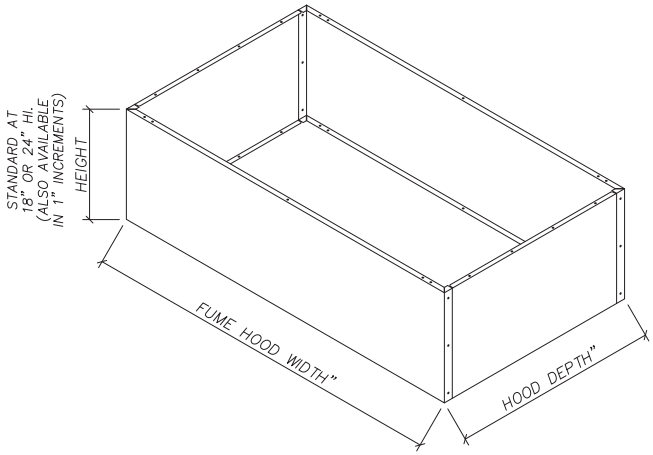


Double Sided

Fume Hood Ceiling Soffits - No Access



Single Sided



Double Sided

Fume Hood Ceiling Soffits

For F100 - F103, F181-2 - F183-4, F200 - F203, F350 - F353, F400, F500, F600 - F603, F210 - F213 Fume Hoods

Width	Height	Material	Hinge Type					
			Hinged		Removable		No Access	
			24" Deep	30" Deep	24" Deep	30" Deep	24" Deep	30" Deep
36"	18"	Painted Steel	CE036P-HA-18	CE036P-HA-18D30	CE036P-RA-18	CE036P-RA-18D30	CE036P-NA-18	CE036P-NA-18D30
		304 Stainless Steel	CE036S-HA-18	CE036S-HA-18D30	CE036S-RA-18	CE036S-RA-18D30	CE036S-NA-18	CE036S-NA-18D30
	24"	Painted Steel	CE036P-HA-24	CE036P-HA-24D30	CE036P-RA-24	CE036P-RA-24D30	CE036P-NA-24	CE036P-NA-24D30
		304 Stainless Steel	CE036S-HA-24	CE036S-HA-24D30	CE036S-RA-24	CE036S-RA-24D30	CE036S-NA-24	CE036S-NA-24D30
48"	18"	Painted Steel	CE048P-HA-18	CE048P-HA-18D30	CE048P-RA-18	CE048P-RA-18D30	CE048P-NA-18	CE048P-NA-18D30
		304 Stainless Steel	CE048S-HA-18	CE048S-HA-18D30	CE048S-RA-18	CE048S-RA-18D30	CE048S-NA-18	CE048S-NA-18D30
	24"	Painted Steel	CE048P-HA-24	CE048P-HA-24D30	CE048P-RA-24	CE048P-RA-24D30	CE048P-NA-24	CE048P-NA-24D30
		304 Stainless Steel	CE048S-HA-24	CE048S-HA-24D30	CE048S-RA-24	CE048S-RA-24D30	CE048S-NA-24	CE048S-NA-24D30
60"	18"	Painted Steel	CE060P-HA-18	CE060P-HA-18D30	CE060P-RA-18	CE060P-RA-18D30	CE060P-NA-18	CE060P-NA-18D30
		304 Stainless Steel	CE060S-HA-18	CE060S-HA-18D30	CE060S-RA-18	CE060S-RA-18D30	CE060S-NA-18	CE060S-NA-18D30
	24"	Painted Steel	CE060P-HA-24	CE060P-HA-24D30	CE060P-RA-24	CE060P-RA-24D30	CE060P-NA-24	CE060P-NA-24D30
		304 Stainless Steel	CE060S-HA-24	CE060S-HA-24D30	CE060S-RA-24	CE060S-RA-24D30	CE060S-NA-24	CE060S-NA-24D30
72"	18"	Painted Steel	CE072P-HA-18	CE072P-HA-18D30	CE072P-RA-18	CE072P-RA-18D30	CE072P-NA-18	CE072P-NA-18D30
		304 Stainless Steel	CE072S-HA-18	CE072S-HA-18D30	CE072S-RA-18	CE072S-RA-18D30	CE072S-NA-18	CE072S-NA-18D30
	24"	Painted Steel	CE072P-HA-24	CE072P-HA-24D30	CE072P-RA-24	CE072P-RA-24D30	CE072P-NA-24	CE072P-NA-24D30
		304 Stainless Steel	CE072S-HA-24	CE072S-HA-24D30	CE072S-RA-24	CE072S-RA-24D30	CE072S-NA-24	CE072S-NA-24D30
84"	18"	Painted Steel	CE084P-HA-18	CE084P-HA-18D30	CE084P-RA-18	CE084P-RA-18D30	CE084P-NA-18	CE084P-NA-18D30
		304 Stainless Steel	CE084S-HA-18	CE084S-HA-18D30	CE084S-RA-18	CE084S-RA-18D30	CE084S-NA-18	CE084S-NA-18D30
	24"	Painted Steel	CE084P-HA-24	CE084P-HA-24D30	CE084P-RA-24	CE084P-RA-24D30	CE084P-NA-24	CE084P-NA-24D30
		304 Stainless Steel	CE084S-HA-24	CE084S-HA-24D30	CE084S-RA-24	CE084S-RA-24D30	CE084S-NA-24	CE084S-NA-24D30
96"	18"	Painted Steel	CE096P-HA-18	CE096P-HA-18D30	CE096P-RA-18	CE096P-RA-18D30	CE096P-NA-18	CE096P-NA-18D30
		304 Stainless Steel	CE096S-HA-18	CE096S-HA-18D30	CE096S-RA-18	CE096S-RA-18D30	CE096S-NA-18	CE096S-NA-18D30
	24"	Painted Steel	CE096P-HA-24	CE096P-HA-24D30	CE096P-RA-24	CE096P-RA-24D30	CE096P-NA-24	CE096P-NA-24D30
		304 Stainless Steel	CE096S-HA-24	CE096S-HA-24D30	CE096S-RA-24	CE096S-RA-24D30	CE096S-NA-24	CE096S-NA-24D30
120"	18"	Painted Steel	CE0120P-HA-18	CE0120P-HA-18D30	CE0120P-RA-18	CE0120P-RA-18D30	CE0120P-NA-18	CE0120P-NA-18D30
		304 Stainless Steel	CE0120S-HA-18	CE0120S-HA-18D30	CE0120S-RA-18	CE0120S-RA-18D30	CE0120S-NA-18	CE0120S-NA-18D30
	24"	Painted Steel	CE0120P-HA-24	CE0120P-HA-24D30	CE0120P-RA-24	CE0120P-RA-24D30	CE0120P-NA-24	CE0120P-NA-24D30
		304 Stainless Steel	CE0120S-HA-24	CE0120S-HA-24D30	CE0120S-RA-24	CE0120S-RA-24D30	CE0120S-NA-24	CE0120S-NA-24D30
144"	18"	Painted Steel	CE0144P-HA-18	CE0144P-HA-18D30	CE0144P-RA-18	CE0144P-RA-18D30	CE0144P-NA-18	CE0144P-NA-18D30
		304 Stainless Steel	CE0144S-HA-18	CE0144S-HA-18D30	CE0144S-RA-18	CE0144S-RA-18D30	CE0144S-NA-18	CE0144S-NA-18D30
	24"	Painted Steel	CE0144P-HA-24	CE0144P-HA-24D30	CE0144P-RA-24	CE0144P-RA-24D30	CE0144P-NA-24	CE0144P-NA-24D30
		304 Stainless Steel	CE0144S-HA-24	CE0144S-HA-24D30	CE0144S-RA-24	CE0144S-RA-24D30	CE0144S-NA-24	CE0144S-NA-24D30

Fume Hood Ceiling Soffits

Fume Hood Ceiling Soffits
For F121 Fume Hoods

Width	Height	Material	Hinge Type		
			Hinged	Removable	No Access
48"	18"	Painted Steel	CE048P-HAPT-18	CE048P-RAPT-18	CE048P-NAPT-18
		304 Stainless Steel	CE048S-HAPT-18	CE048S-RAPT-18	CE048S-NAPT-18
	24"	Painted Steel	CE048P-HAPT-24	CE048P-RAPT-24	CE048P-NAPT-24
		304 Stainless Steel	CE048S-HAPT-24	CE048S-RAPT-24	CE048S-NAPT-24
60"	18"	Painted Steel	CE060P-HAPT-18	CE060P-RAPT-18	CE060P-NAPT-18
		304 Stainless Steel	CE060S-HAPT-18	CE060S-RAPT-18	CE060S-NAPT-18
	24"	Painted Steel	CE060P-HAPT-24	CE060P-RAPT-24	CE060P-NAPT-24
		304 Stainless Steel	CE060S-HAPT-24	CE060S-RAPT-24	CE060S-NAPT-24
72"	18"	Painted Steel	CE072P-HAPT-18	CE072P-RAPT-18	CE072P-NAPT-18
		304 Stainless Steel	CE072S-HAPT-18	CE072S-RAPT-18	CE072S-NAPT-18
	24"	Painted Steel	CE072P-HAPT-24	CE072P-RAPT-24	CE072P-NAPT-24
		304 Stainless Steel	CE072S-HAPT-24	CE072S-RAPT-24	CE072S-NAPT-24

Fume Hood Ceiling Soffits
For F250 - F253

Width	Height	Material	Hinge Type		
			Hinged	Removable	No Access
72"	18"	Painted Steel	CE072P-HA-18D48	CE072P-RA-18D48	CE072P-NA-18D48
		304 Stainless Steel	CE072S-HA-18D48	CE072S-RA-18D48	CE072S-NA-18D48
	24"	Painted Steel	CE072P-HA-24D48	CE072P-RA-24D48	CE072P-NA-24D48
		304 Stainless Steel	CE072S-HA-24D48	CE072S-RA-24D48	CE072S-NA-24D48
84"	18"	Painted Steel	CE084P-HA-18D30	CE084P-RA-18D30	CE084P-NA-18D30
		304 Stainless Steel	CE084S-HA-18D30	CE084S-RA-18D30	CE084S-NA-18D30
	24"	Painted Steel	CE084P-HA-24D30	CE084P-RA-24D30	CE084P-NA-24D30
		304 Stainless Steel	CE084S-HA-24D30	CE084S-RA-24D30	CE084S-NA-24D30
96"	18"	Painted Steel	CE096P-HA-18D30	CE096P-RA-18D30	CE096P-NA-18D30
		304 Stainless Steel	CE096S-HA-18D30	CE096S-RA-18D30	CE096S-NA-18D30
	24"	Painted Steel	CE096P-HA-24D30	CE096P-RA-24D30	CE096P-NA-24D30
		304 Stainless Steel	CE096S-HA-24D30	CE096S-RA-24D30	CE096S-NA-24D30
120"	18"	Painted Steel	CE0120P-HA-18D30	CE0120P-RA-18D30	CE0120P-NA-18D30
		304 Stainless Steel	CE0120S-HA-18D30	CE0120S-RA-18D30	CE0120S-NA-18D30
	24"	Painted Steel	CE0120P-HA-24D30	CE0120P-RA-24D30	CE0120P-NA-24D30
		304 Stainless Steel	CE0120S-HA-24D30	CE0120S-RA-24D30	CE0120S-NA-24D30
144"	18"	Painted Steel	CE0144P-HA-18D30	CE0144P-RA-18D30	CE0144P-NA-18D30
		304 Stainless Steel	CE0144S-HA-18D30	CE0144S-RA-18D30	CE0144S-NA-18D30
	24"	Painted Steel	CE0144P-HA-24D30	CE0144P-RA-24D30	CE0144P-NA-24D30
		304 Stainless Steel	CE0144S-HA-24D30	CE0144S-RA-24D30	CE0144S-NA-24D30

Fume Hood Ceiling Soffits
For F292

Width	Height	Material	Hinge Type		
			Hinged	Removable	No Access
72"	18"	Painted Steel	CE072P-HAPT-18D48	CE072P-RAPT-18D48	CE072P-NAPT-18D48
		304 Stainless Steel	CE072S-HAPT-18D48	CE072S-RAPT-18D48	CE072S-NAPT-18D48
	24"	Painted Steel	CE072P-HAPT-24D48	CE072P-RAPT-24D48	CE072P-NAPT-24D48
		304 Stainless Steel	CE072S-HAPT-24D48	CE072S-RAPT-24D48	CE072S-NAPT-24D48
84"	18"	Painted Steel	CE084P-HAPT-18D48	CE084P-RAPT-18D48	CE084P-NAPT-18D48
		304 Stainless Steel	CE084S-HAPT-18D48	CE084S-RAPT-18D48	CE084S-NAPT-18D48
	24"	Painted Steel	CE084P-HAPT-24D48	CE084P-RAPT-24D48	CE084P-NAPT-24D48
		304 Stainless Steel	CE084S-HAPT-24D48	CE084S-RAPT-24D48	CE084S-NAPT-24D48
96"	18"	Painted Steel	CE096P-HAPT-18D48	CE096P-RAPT-18D48	CE096P-NAPT-18D48
		304 Stainless Steel	CE096S-HAPT-18D48	CE096S-RAPT-18D48	CE096S-NAPT-18D48
	24"	Painted Steel	CE096P-HAPT-24D48	CE096P-RAPT-24D48	CE096P-NAPT-24D48
		304 Stainless Steel	CE096S-HAPT-24D48	CE096S-RAPT-24D48	CE096S-NAPT-24D48
120"	18"	Painted Steel	CE0120P-HAPT-18D48	CE0120P-RAPT-18D48	CE0120P-NAPT-18D48
		304 Stainless Steel	CE0120S-HAPT-18D48	CE0120S-RAPT-18D48	CE0120S-NAPT-18D48
	24"	Painted Steel	CE0120P-HAPT-24D48	CE0120P-RAPT-24D48	CE0120P-NAPT-24D48
		304 Stainless Steel	CE0120S-HAPT-24D48	CE0120S-RAPT-24D48	CE0120S-NAPT-24D48
144"	18"	Painted Steel	CE0144P-HAPT-18D48	CE0144P-RAPT-18D48	CE0144P-NAPT-18D48
		304 Stainless Steel	CE0144S-HAPT-18D48	CE0144S-RAPT-18D48	CE0144S-NAPT-18D48
	24"	Painted Steel	CE0144P-HAPT-24D48	CE0144P-RAPT-24D48	CE0144P-NAPT-24D48
		304 Stainless Steel	CE0144S-HAPT-24D48	CE0144S-RAPT-24D48	CE0144S-NAPT-24D48

Fume Hood Ceiling Soffits
For F-EXPII

Width	Height	Material	Hinge Type		
			Hinged	Removable	No Access
48"	18"	Painted Steel	CE048P-HAXP-18	CE048P-RAXP-18	CE048P-NAXP-18
		304 Stainless Steel	CE048S-HAXP-18	CE048S-RAXP-18	CE048S-NAXP-18
	24"	Painted Steel	CE048P-HAXP-24	CE048P-RAXP-24	CE048P-NAXP-24
		304 Stainless Steel	CE048S-HAXP-24	CE048S-RAXP-24	CE048S-NAXP-24
60"	18"	Painted Steel	CE060P-HAXP-18	CE060P-RAXP-18	CE060P-NAXP-18
		304 Stainless Steel	CE060S-HAXP-18	CE060S-RAXP-18	CE060S-NAXP-18
	24"	Painted Steel	CE060P-HAXP-24	CE060P-RAXP-24	CE060P-NAXP-24
		304 Stainless Steel	CE060S-HAXP-24	CE060S-RAXP-24	CE060S-NAXP-24
72"	18"	Painted Steel	CE072P-HAXP-18	CE072P-RAXP-18	CE072P-NAXP-18
		304 Stainless Steel	CE072S-HAXP-18	CE072S-RAXP-18	CE072S-NAXP-18
	24"	Painted Steel	CE072P-HAXP-24	CE072P-RAXP-24	CE072P-NAXP-24
		304 Stainless Steel	CE072S-HAXP-24	CE072S-RAXP-24	CE072S-NAXP-24

Fume Hood Ceiling Soffits

Fume Hood Ceiling Soffit Trim

For F100 - F103, F181-2 - F183-4, F200 - F203, F350 - F353, F400 - F500, F600 - F603, F210 - F213 Fume Hoods

Width	Depth	Material	Catalog Number
36"	24"	Painted Steel	CETRIM-P36
		304 Stainless Steel	CETRIM-S36
	30"	Painted Steel	CETRIM-P36D30
		304 Stainless Steel	CETRIM-S36D30
48"	24"	Painted Steel	CETRIM-P48
		304 Stainless Steel	CETRIM-S48
	30"	Painted Steel	CETRIM-P48D30
		304 Stainless Steel	CETRIM-S48D30
60"	24"	Painted Steel	CETRIM-P60
		304 Stainless Steel	CETRIM-S60
	30"	Painted Steel	CETRIM-P60D30
		304 Stainless Steel	CETRIM-S60D30
72"	24"	Painted Steel	CETRIM-P72
		304 Stainless Steel	CETRIM-S72
	30"	Painted Steel	CETRIM-P72D30
		304 Stainless Steel	CETRIM-S72D30
84"	24"	Painted Steel	CETRIM-P84
		304 Stainless Steel	CETRIM-S84
	30"	Painted Steel	CETRIM-P84D30
		304 Stainless Steel	CETRIM-S84D30
96"	24"	Painted Steel	CETRIM-P96
		304 Stainless Steel	CETRIM-S96
	30"	Painted Steel	CETRIM-P96D30
		304 Stainless Steel	CETRIM-S96D30
120"	24"	Painted Steel	CETRIM-P120
		304 Stainless Steel	CETRIM-S120
	30"	Painted Steel	CETRIM-P120D30
		304 Stainless Steel	CETRIM-S120D30
144"	24"	Painted Steel	CETRIM-P144
		304 Stainless Steel	CETRIM-S144
	30"	Painted Steel	CETRIM-P144D30
		304 Stainless Steel	CETRIM-S144D30

Fume Hood Ceiling Soffit Trim

For F121 Fume Hoods

Width	Depth	Material	Catalog Number
48"	24"	Painted Steel	CETRIM-P48PTD24
		304 Stainless Steel	CETRIM-S48PTD24
60"	24"	Painted Steel	CETRIM-P60PTD24
		304 Stainless Steel	CETRIM-S60PTD24
72"	24"	Painted Steel	CETRIM-P72PTD24
		304 Stainless Steel	CETRIM-S72PTD24

Fume Hood Ceiling Soffit Trim

For F250 - F253

Width	Depth	Material	Catalog Number
72"	48"	Painted Steel	CETRIM-P72D48
		304 Stainless Steel	CETRIM-S72D48
84"	48"	Painted Steel	CETRIM-P84D48
		304 Stainless Steel	CETRIM-S84D48
96"	48"	Painted Steel	CETRIM-P96D48
		304 Stainless Steel	CETRIM-S96D48
120"	48"	Painted Steel	CETRIM-P120D48
		304 Stainless Steel	CETRIM-S120D48
144"	48"	Painted Steel	CETRIM-P144D48
		304 Stainless Steel	CETRIM-S144D48

Fume Hood Ceiling Soffits

Fume Hood Ceiling Soffit Trim
For F292

Width	Depth	Material	Catalog Number
72"	48"	Painted Steel	CETRIM-P72PTD48
		304 Stainless Steel	CETRIM-S72PTD48
84"	48"	Painted Steel	CETRIM-P84PTD48
		304 Stainless Steel	CETRIM-S84PTD48
96"	48"	Painted Steel	CETRIM-P96PTD48
		304 Stainless Steel	CETRIM-S96PTD48
120"	48"	Painted Steel	CETRIM-P120PTD48
		304 Stainless Steel	CETRIM-S120PTD48
144"	48"	Painted Steel	CETRIM-P144PTD48
		304 Stainless Steel	CETRIM-S144PTD48

Fume Hood Ceiling Soffit Trim
For F-EXPII

Width	Depth	Material	Catalog Number
			Single
48"	24"	Painted Steel	CETRIM-P48EXP
		304 Stainless Steel	CETRIM-S48EXP
60"	24"	Painted Steel	CETRIM-P60EXP
		304 Stainless Steel	CETRIM-S60EXP
72"	24"	Painted Steel	CETRIM-P72EXP
		304 Stainless Steel	CETRIM-S72EXP

Fume Hood Substitute Fascias

This part number is to substitute the Posts and Upper Air Foil with 304 Stainless Steel

	36"	48"	60"	72"	84"	96"	120"	144"
F-100 - F103, F-181-2 - F183-4, F350 - F353, F-400 - F403	1-FS0136	1-FS0148	1-FS0160	1-FS0172	1-FS0184	1-FS0196	1-FS01120	1-FS01144
F121	17-FS0136	17-FS0148	17-FS0160	17-FS0172	17-FS0184	17-FS0196	17-FS01120	17-FS01144
F200 - F203, F250 - F253, F210 - F213	2-FS0136	2-FS0148	2-FS0160	2-FS0172	2-FS0184	2-FS0196	2-FS01120	2-FS01144
F292	29-FS0136	29-FS0148	29-FS0160	29-FS0172	29-FS0184	29-FS0196	29-FS01120	29-FS01144
F-500 - 503	4-FS0136	4-FS0148	4-FS0160	4-FS0172	4-FS0184	4-FS0196	4-FS01120	4-FS01144
F600 - F603	6-FS0136	6-FS0148	6-FS0160	6-FS0172	6-FS0184	6-FS0196	6-FS01120	6-FS01144

Fume Hood Substitute Side Panels

This part number is to substitute the Side Panels with 304 Stainless Steel

	36"	48"	60"	72"	84"	96"	120"	144"
F-100 - F103, F-181-2 - F183-4, F350 - F353, F-400 - F403	1-NS01	1-NS01	1-NS01	1-NS01	1-NS01	1-NS01	1-NS01	1-NS01
F-100 - F103, F350 - F353 (30" Deep)	1-NS01D30	1-NS01D30	1-NS01D30	1-NS01D30	1-NS01D30	1-NS01D30	1-NS01D30	1-NS01D30
F200 - F203, F210 - F213	2-NS01	2-NS01	2-NS01	2-NS01	2-NS01	2-NS01	2-NS01	2-NS01
F200 - F203, F210 - F213 (30" Deep)	2-NS01D30	2-NS01D30	2-NS01D30	2-NS01D30	2-NS01D30	2-NS01D30	2-NS01D30	2-NS01D30
F250 - F253 F292	25-NS01	25-NS01	25-NS01	25-NS01	25-NS01	25-NS01	25-NS01	25-NS01
F500 - F503	4-NS01	4-NS01	4-NS01	4-NS01	4-NS01	4-NS01	4-NS01	4-NS01
F600 - F603	6-NS01	6-NS01	6-NS01	6-NS01	6-NS01	6-NS01	6-NS01	6-NS01
F600 - F603 (30" Deep)	6-NS01D30	6-NS01D30	6-NS01D30	6-NS01D30	6-NS01D30	6-NS01D30	6-NS01D30	6-NS01D30

Fume Hood Substitutes

Fume Hood Substitute Sash Glass (Frameless Vertical Sash Hoods)*

This part number is to substitute the Tempered Sash Glass with Laminated Glass

	36"	48"	60"	72"	84"	96"	120"	144"
F100, F350, F400, F500	1-GV36	1-GV48	1-GV60	1-GV72	1-GV84	1-GV96	-	-
F200, F250, F210	-	2-GV48	2-GV60	2-GV72	-	2-GV96	-	-
F292, F121 (2 ea. required)	-	2-GV48	2-GV60	2-GV72	-	2-GV96	-	-
F600	6-GV36	6-GV48	6-GV60	6-GV72	-	6-GV96	-	-

Fume Hood Substitute Sash Glass (Combination Sash Hoods)*

This part number is to substitute the Tempered Sash Glass with Laminated Glass

	36"	48"	60"	72"	84"	96"	120"	144"
F101, F351, F401	-	1-GC48	1-GC60	1-GC72	1-GC84	1-GC96	1-GC120	1-GC144
F181-2	-	-	-	-	-	18-2-GC96	18-2-GC120	18-2-GC144
F201, F251, F211	-	2-GC48	2-GC60	2-GC72	-	2-GC96	2-GC120	2-GC144
F601	-	6-GC48	6-GC60	6-GC72	-	6-GC96	6-GC120	6-GC144

Fume Hood Substitute Sash Glass (Horizontal Sash Hoods)*

This part number is to substitute the Tempered Sash Glass with Laminated Glass

	36"	48"	60"	72"	84"	96"	120"	144"
F102	-	1-GH48	1-GH60	1-GH72	-	1-GH96	1-GH120	1-GH144
F202, F252	-	2-GH48	2-GH60	2-GH72	-	2-GH96	2-GH120	2-GH144
F292	-	-	-	29-GH72	-	29-GH96	29-GH120	29-GH144
F602	-	6-GH48	6-GH60	6-GH72	-	6-GH96	6-GH120	6-GH144

Fume Hood Substitute Sash Glass (Framed Vertical Sash Hoods)*

This part number is to substitute the Tempered Sash Glass with Laminated Glass

	36"	48"	60"	72"	84"	96"	120"	144"
F103, F353, F403, F503	1-GF36	1-GF48	1-GF60	1-GF72	-	1-GF96	1-GF120	1-GF144
F183-2	-	-	-	-	-	18-2-GF96	18-2-GF120	18-2-GF144
F183-4	-	-	-	-	-	-	18-4-GF120	18-4-GF144
F203, F253, F213	-	2-GF48	2-GF60	2-GF72	2-GF84	2-GF96	2-GF120	2-GF144
F603	6-GF36	6-GF48	6-GF60	6-GF72	-	6-GF96	6-GF120	6-GF144

*This only substitutes the sash glass. The glass on the observation panel and light lens remains tempered.

Fume Hood Monitor/Alarms

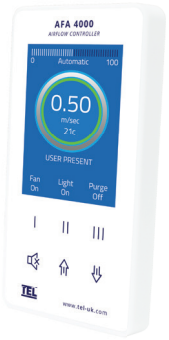
Catalog Number		
M01-T	Velocity	Tel 1000
M01-T-R	Velocity with Repeater (For use with F121 or F292)	Tel 1000
M01-T1000P	For use with Perchloric Acid Hoods	Tel 1000-P
M01-T500	Velocity	Tel 500
M01-T4000	Velocity	Tel 4000
M01-T4000ES	Velocity with Damper Control *Not Included	Tel 4000ES

Note: Alarm must be located on the fascia panel and always above the clear sash opening.

M01-T, M01-T-R, M01-T1000P

M01-T500

M01-T4000



M01-T4000ES

Fume Hood Pressure Gauges

Catalog Number	Water Gauge
M03-0	0-1/2" Wg
M03-1	0-1" Wg
M03-2	0-2" Wg
M03-3	0-3" Wg

Pressure Gauge

Fume Hood Accessories

Distillation Racks

Each size has 3 verticals. Bench Mounted has 3 horizontals. Floor Mounted has 5 horizontals.

Catalog Number			For Use With
Aluminum Rod/Hardware	304 Stainless Steel Rod/Hardware	316 Stainless Steel Rod/Hardware	
DB-36	DB-36T304	DB-36T316	36" Wide Bench Mounted Fume Hood
DB-48	DB-48T304	DB-48T316	48" Wide Bench Mounted Fume Hood
DB-60	DB-60T304	DB-60T316	60" Wide Bench Mounted Fume Hood
DB-72	DB-72T304	DB-72T316	72" Wide Bench Mounted Fume Hood
DB-84	DB-84T304	DB-84T316	84" Wide Bench Mounted Fume Hood
DB-96	DB-96T304	DB-96T316	96" Wide Bench Mounted Fume Hood
DB-120	DB-120T304	DB-120T316	120" Wide Bench Mounted Fume Hood
DB-144	DB-144T304	DB-144T316	144" Wide Bench Mounted Fume Hood
DW48	DW48T304	DW48T316	48" Wide Floor Mounted Fume Hood
DW60	DW60T304	DW60T316	60" Wide Floor Mounted Fume Hood
DW72	DW72T304	DW72T316	72" Wide Floor Mounted Fume Hood
DW96	DW96T304	DW96T316	96" Wide Floor Mounted Fume Hood
DW120	DW120T304	DW120T316	120" Wide Floor Mounted Fume Hood
DW144	DW144T304	DW144T316	144" Wide Floor Mounted Fume Hood

Catalog Number	Description
MOD-0001	Hole Positions per Fascia
MOD-0001B	Add access panel, Lower
MOD-0003	Removable Gasketted Interior
MOD-0004	VAV Sash Positioning
MOD-0005	Remote Control Adjustable Baffle
MOD-0009M-10	Duct Collar from 12" to 10"
MOD-0009M-12	Duct Collar from 10" to 12"
MOD-0010T304-120G5	Stainless Steel Lower Airfoil Trough - 120"
MOD-0010T304-48G5	Stainless Steel Lower Airfoil Trough - 48"
MOD-0010T304-60G5	Stainless Steel Lower Airfoil Trough - 60"
MOD-0010T304-72G5	Stainless Steel Lower Airfoil Trough - 72"
MOD-0010T304-96G5	Stainless Steel Lower Airfoil Trough - 96"
MOD-0012	Plastic Card Holder - 4" x 6"
MOD-0016	Stainless Steel Uni-Strut P1000
MOD-0020	Painted Finish Back, for 48" Bench Hood
MOD-0020-36	Painted Finish Back, for 36" Bench Hood
MOD-0021	Painted Finish Back, for 60" Bench Hood
MOD-0022	Painted Finish Back, for 72" Bench Hood
MOD-0023	Painted Finish Back, for 96" Bench Hood
MOD-0025	Painted Finish Back, for 144" Bench Hood
MOD-0026	Painted Finish Back, for 48" Floor Mounted Hood
MOD-0028	Painted Finish Back, for 72" Floor Mounted Hood
MOD-0029	Painted Finish Back, for 96" Floor Mounted Hood
MOD-0036	Stainless Steel Seismic Brackets
MOD-0038	Pre-mounted Fixtures & Outlets
MOD-0040	Duct Collar, Bell Shaped Polyethylene, 10"
MOD-0041	Duct Collar, Bell Shaped Polyethylene, 12"
MOD-0041-PPRO	Duct Collar, Bell Shaped Polypropylene, 12"
MOD-0041T304	Duct Collar, Bellmouth Stainless Steel Type 304, 12"
MOD-0041T316	Duct Collar, Bellmouth Stainless Steel Type 316, 12"
MOD-0042	Modified Lower Airfoil to 12 ga
MOD-0046	Install - TSI 8610 Alarm & 8691 Vent
MOD-0052	Install - Phoenix ZPS
MOD-0053T316	Duct Collar, Replace with Stainless Steel Type 316
MOD-0054	Install - Phoenix Monitor FHM630
MOD-0055	Install - Phoenix Potentiometer VSS-110
MOD-0056	Install - Phoenix Potentiometer VSS-120
MOD-0057	Install - Tel 1000 Alarm & Vent
OTH-0001	ASHRAE Test at Factory (Per Hood)

Fume Hood Accessories

Catalog Number	Description
SP01	Gravity Sash Stops (Set of 2)
SP01-MOD-1	Spring Loaded Sash Stops
SP02	Label, Face, 100 CFM, Left Hand
SP03	Label, Face, Velocity
SP07-120	Tissue Screen, Stainless Steel Type 304, 120"
SP07-144	Tissue Screen, Stainless Steel Type 304, 144"
SP07-36	Tissue Screen, Stainless Steel Type 304, 36"
SP07-48	Tissue Screen, Stainless Steel Type 304, 48"
SP07-60	Tissue Screen, Stainless Steel Type 304, 60"
SP07-72	Tissue Screen, Stainless Steel Type 304, 72"
SP07-84	Tissue Screen, Stainless Steel Type 304, 84"
SP07-96	Tissue Screen, Stainless Steel Type 304, 96"
SP08	Label, Sash Stop Decal
SP10	Cease Fire Extinguisher
SP11	Label, Face, Fume Hood Operation
SP12	Label, Face, Purchased Part Spec
SP13	Label, Face, Set up Condition, Left Hand
SP13-R	Label, Face, Set up Condition, Right Hand
SP15	Labe, Industrial Water, DO NOT DRINK
SP20	Lockable Sash Unit
SP29-P	Fume Hood Absolute Filter Housing PTD
SP29-S	Fume Hood Absolute Filter Housing T304
SP30	Label for Remote Control Baffle
SP31	Label, Baffle Slot Size
SP37	Airflow Monitor w/ High Limit Switch
SP38	Spring Centering Auto Sash
SP46	Cord Pass-Thru, Stainless Steel Type 304, 3" Round Side
SP46S	Cord Pass-Thru, Stainless Steel Type 304, 3" Round Front
SP46-RCT	Cord Pass-Thru, Stainless Steel Type 304, 2" x 3" Rectangular
SP46-RCTBR	Cord Pass-Thru, Stainless Steel Type 304, 2" x 3" with Brush
SP79	Tel 500 with Sash Alarm
SP80-48	Polycarbonate Safety Shield, 48"
SP80-60	Polycarbonate Safety Shield, 60"
SP80-72	Polycarbonate Safety Shield, 72"
SP80-96	Polycarbonate Safety Shield, 96"
SP90	Night Set Back Pre-wire

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