LAB SETUP AMERICA

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ISOTOPE HOOD



WWW.LSAMERICA.COM

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.

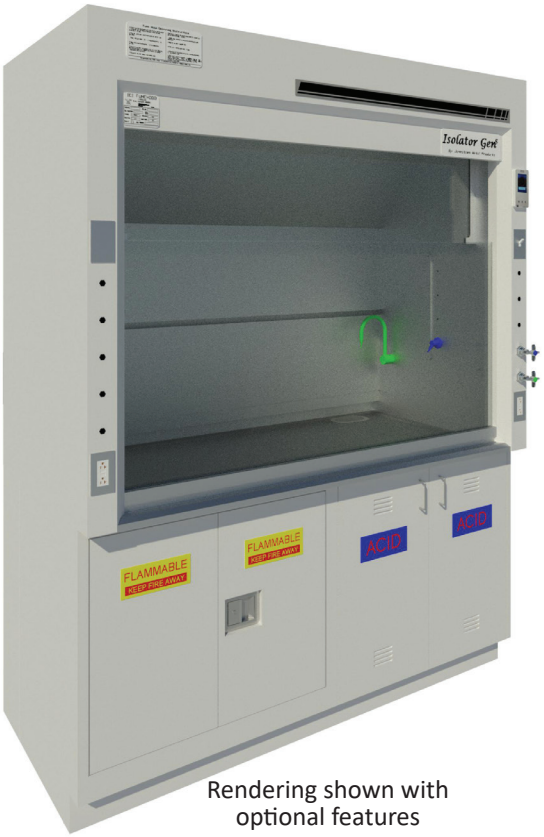
Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

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.

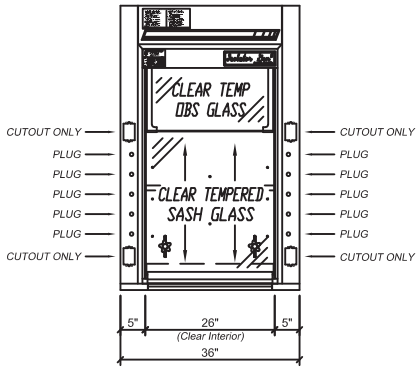
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

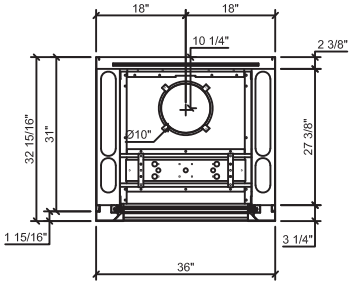


Rendering shown with optional features

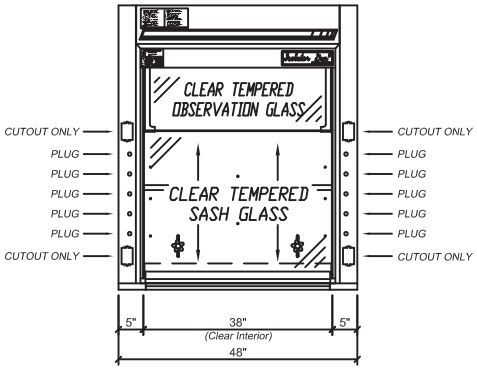
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Open @ 100 FPM	18" Open @ 100 FPM
F-400-36G5	36"	24"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-400-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-400-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-400-72G5	72"	24"	1:12"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

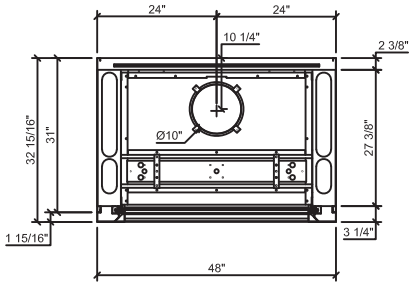
F-400-36G5 - 36" Wide



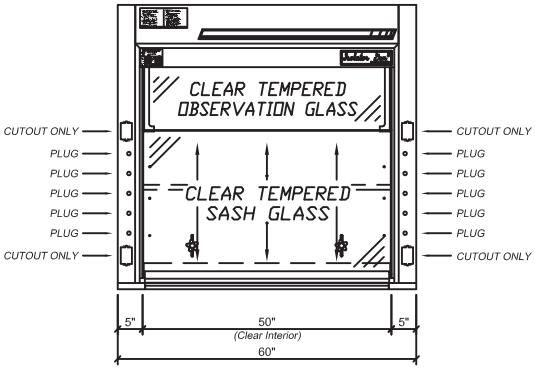


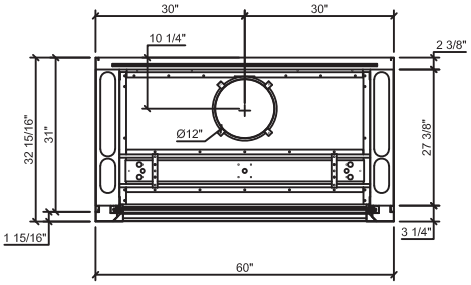
F-400-48G5 - 48" Wide





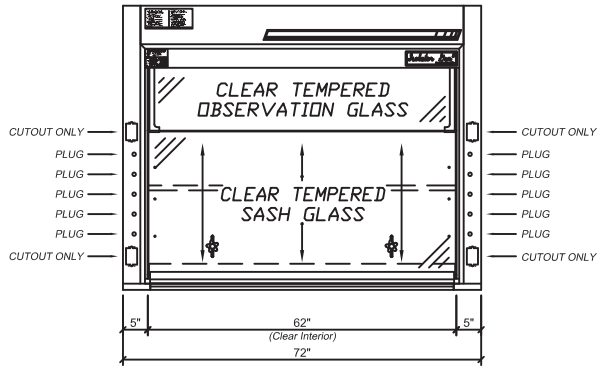
F-400-60G5 - 60" Wide

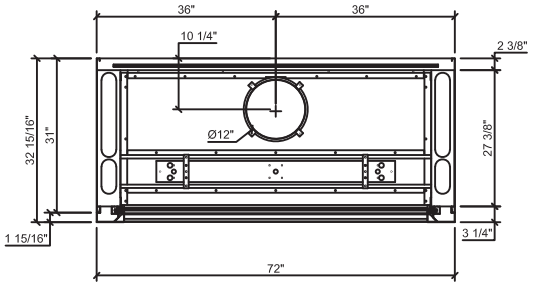




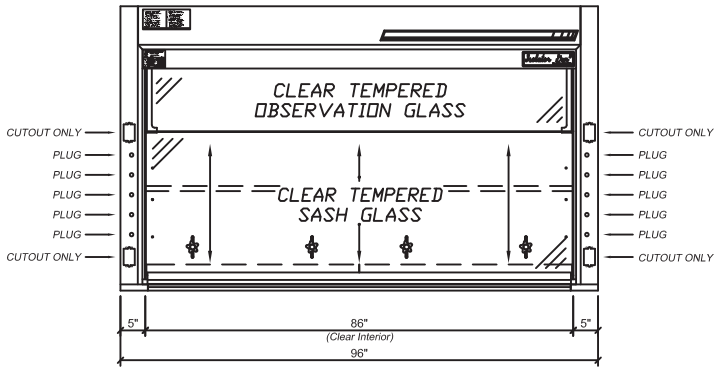
F-400 Gen-5 Isotope Bench Hood

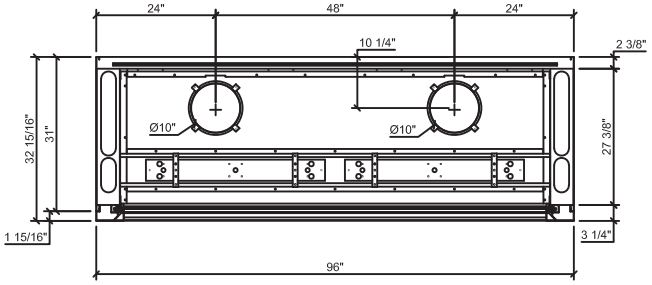
F-400-72G5 - 72" Wide



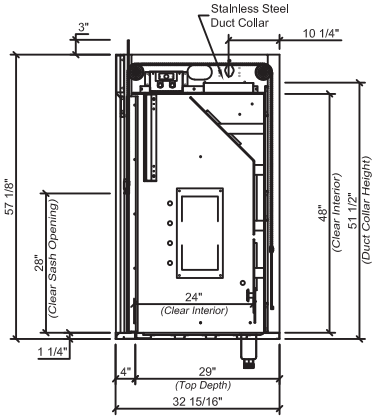


F-400-96G5 - 96" Wide





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.

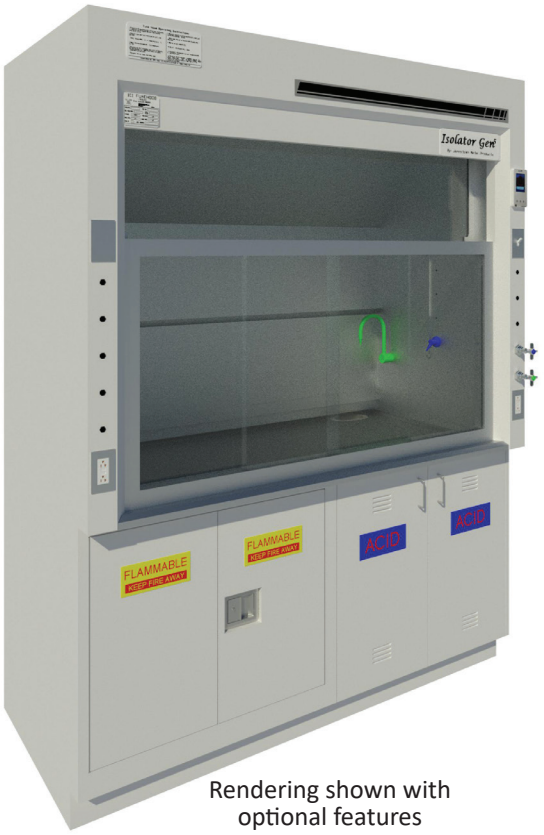
Stainless Steel Type 304 Exhaust Collar - Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

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.



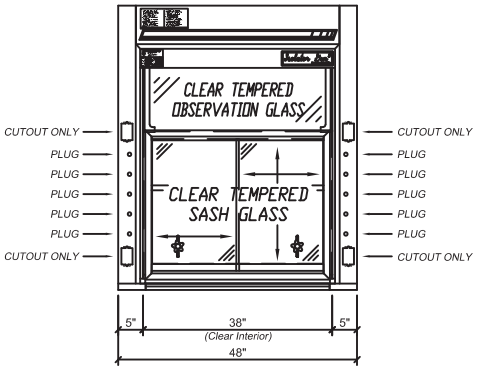
Rendering shown with optional features

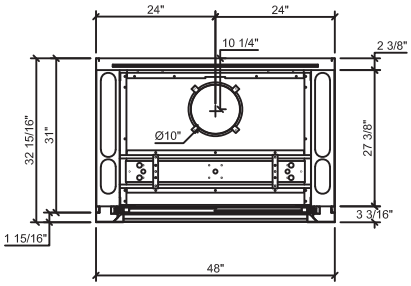
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Vertical Open @ 100 FPM	18" Vertical Open @ 100 FPM	50% Open @ 100 FPM
F-401-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP	415 CFM @ .09" SP
F-401-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP	549 CFM @ .09" SP
F-401-72G5	72"	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

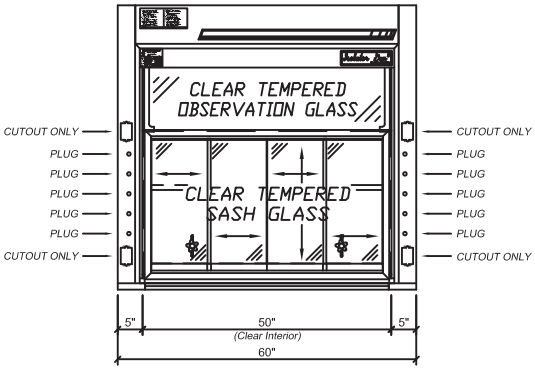
F-401 Gen-5 Isotope Bench Hood

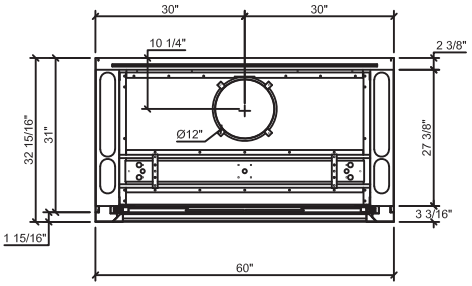
F-401-48G5 - 48" Wide



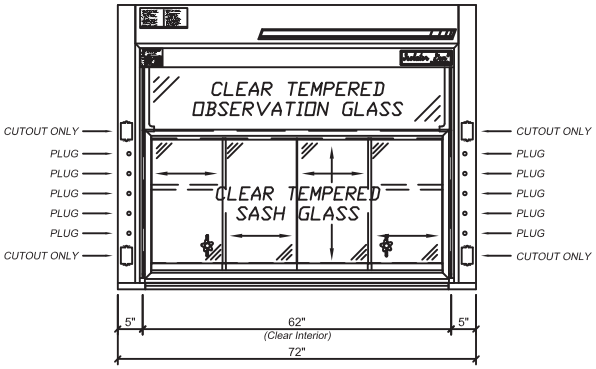


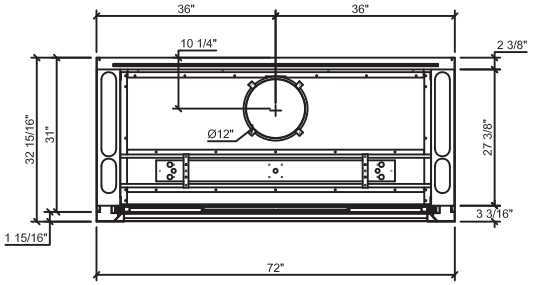
F-401-60G5 - 60" Wide



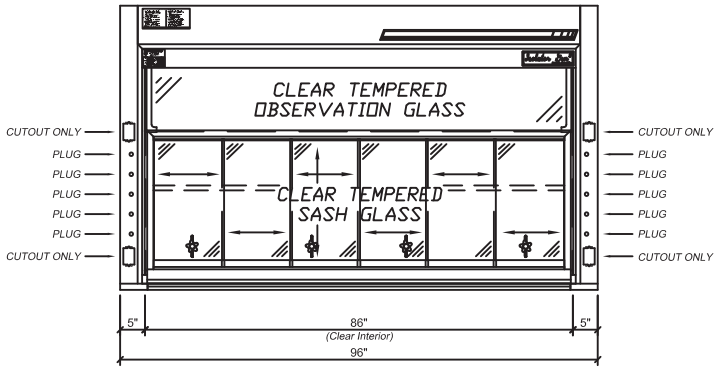


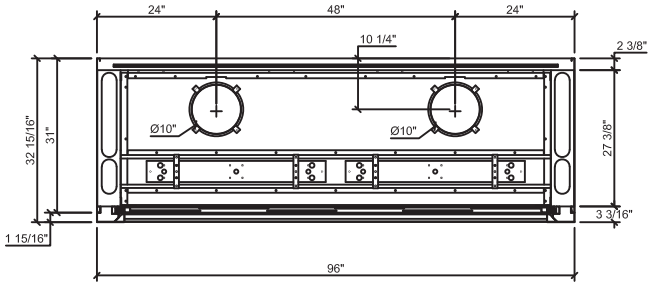
F-401-72G5 - 72" Wide



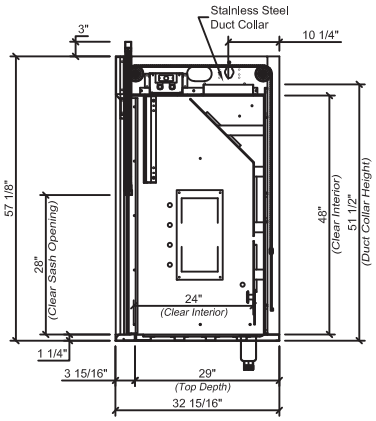


F-401-96G5 - 96" Wide





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.

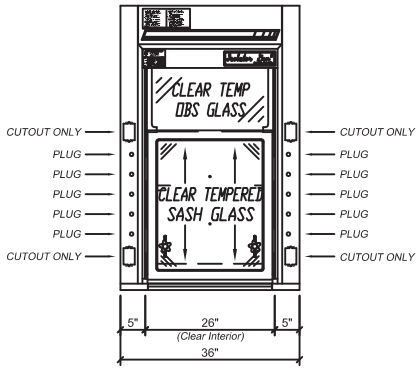
Standards - UL 1805 Classified and tested in accordance with ASHRAE 110. Test results available upon request.

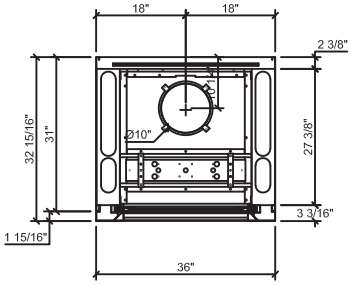


Rendering shown with optional features

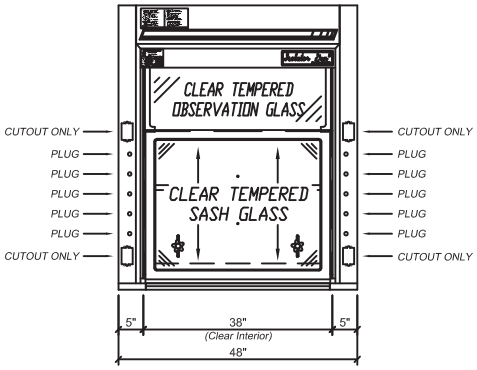
Catalog Number	Width	Clear Interior Depth	Duct Diameter	28" Open @ 100 FPM	18" Open @ 100 FPM
F-403-36G5	36"	24"	1:10"	506 CFM @ .14" SP	325 CFM @ .06" SP
F-403-48G5	48"	24"	1:10"	739 CFM @ .29" SP	475 CFM @ .12" SP
F-403-60G5	60"	24"	1:12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-403-72G5	72"	24"	1:12"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

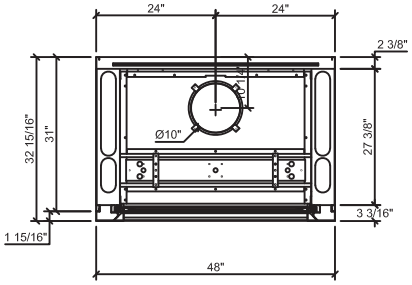
F-403-36G5 - 36" Wide



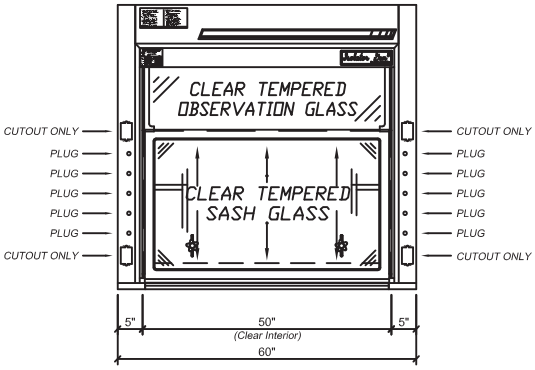


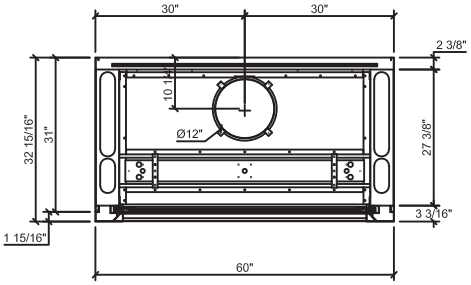
F-403-48G5 - 48" Wide





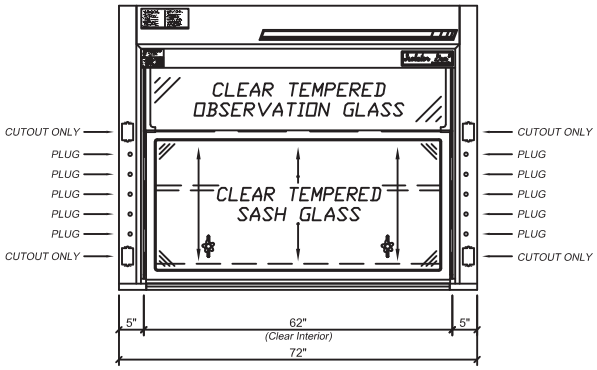
F-403-60G5 - 60" Wide

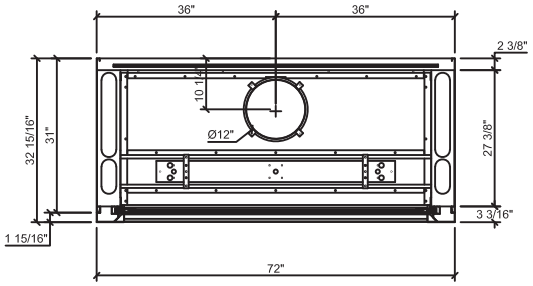




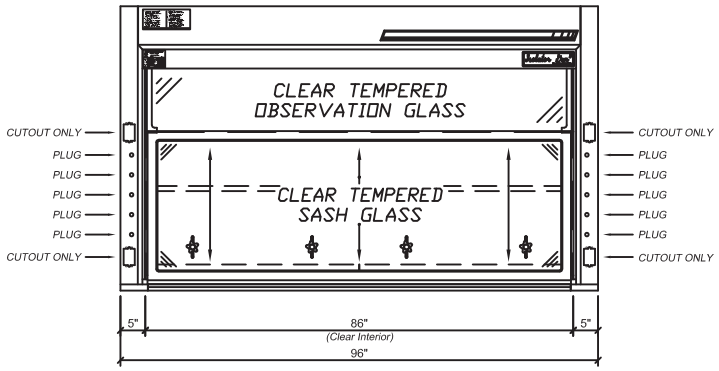
F-403 Gen-5 Isotope Bench Hood

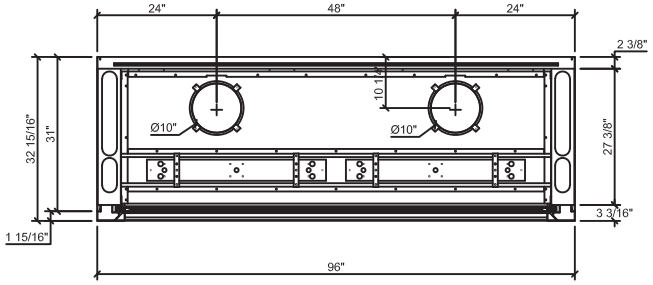
F-403-72G5 - 72" Wide



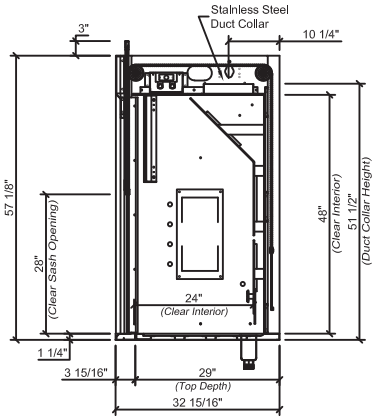


F-403-96G5 - 96" Wide





Section - Standard Depth





Authorized Distributor for ICI Scientific: Lab Setup America

www.lsamerica.com