LAB SETUP AMERICA

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# OS HEIGHT HOOD




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## 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.

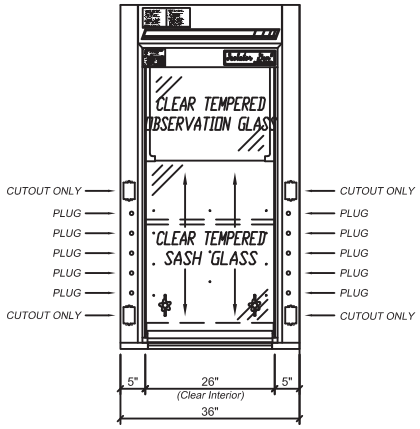


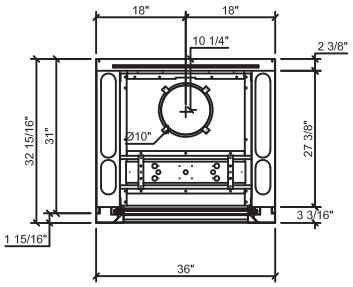
Rendering shown with optional features

| 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 |

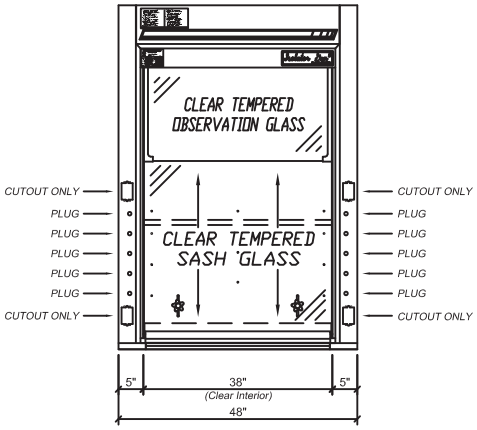
# F-600 Gen-5 OS Height Bench Hood

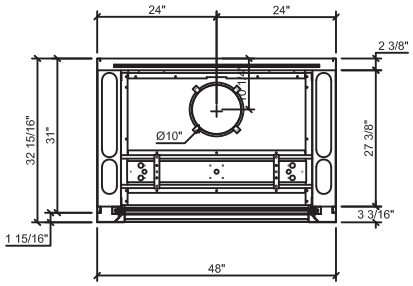
**F-600-36G5 - 36" Wide**



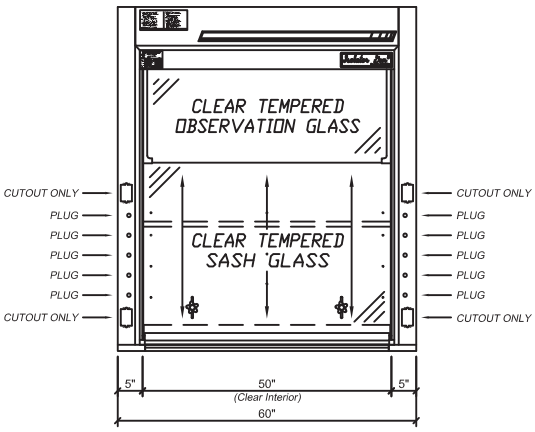



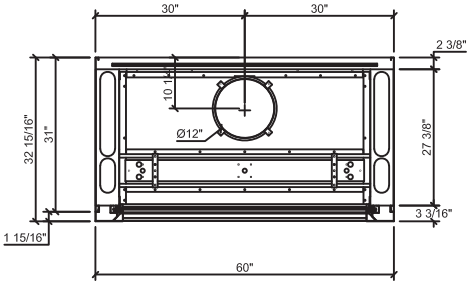

**F-600-48G5 - 48" Wide**



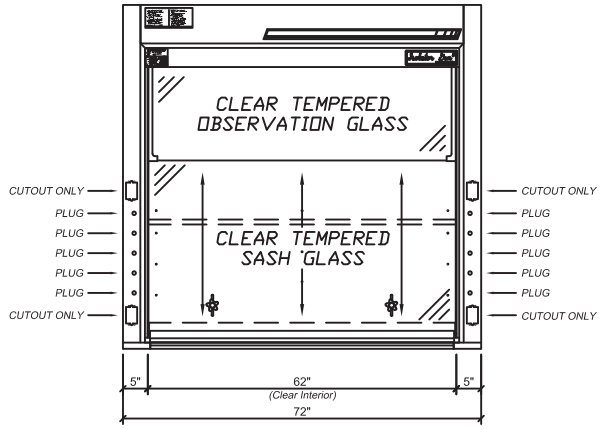



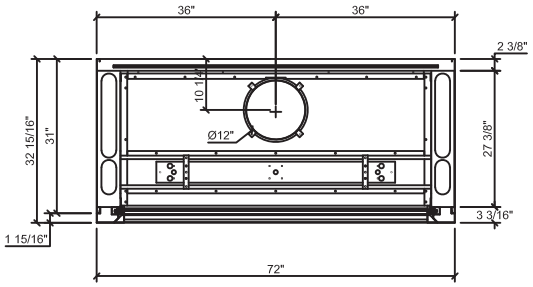

**F-600-60G5 - 60" Wide**



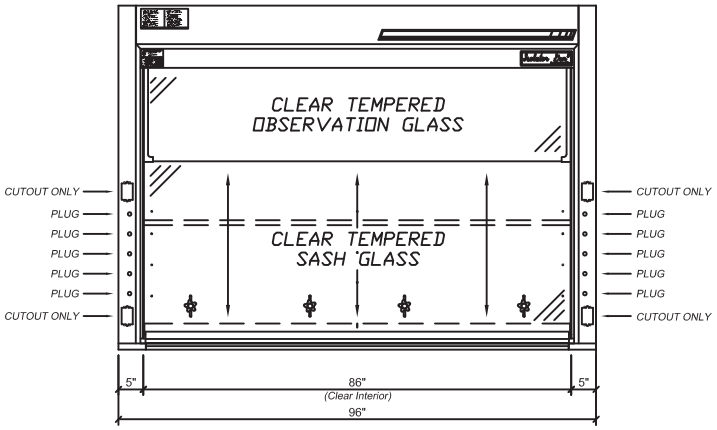



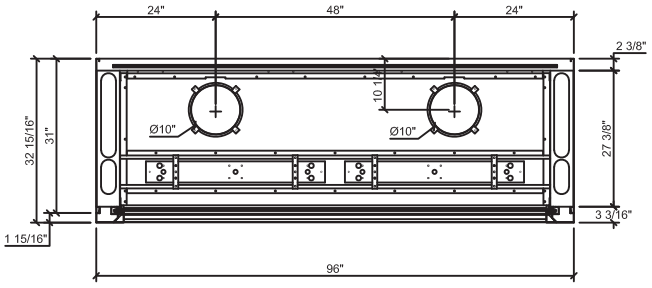
### F-600-72G5 - 72" Wide



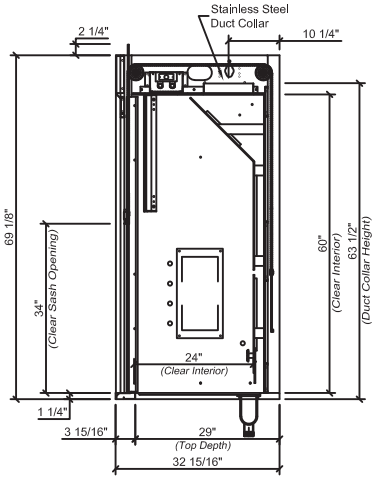




### F-600-96G5 - 96" Wide

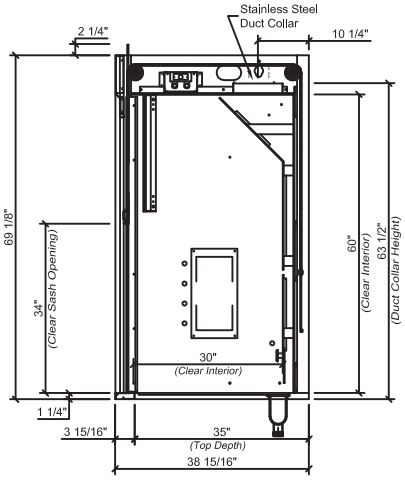



### Section - Standard Depth




### 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.

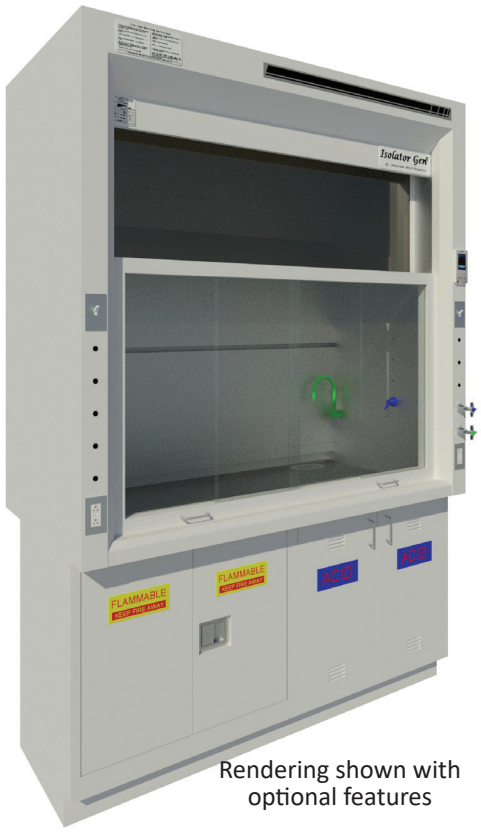
**Stainless Steel Type 304 Exhaust Collar -** Round collar which allows for direct connection to typical exhaust ducts to reduce duct transition costs, minimize static pressure losses and exhaust noise levels.

**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.

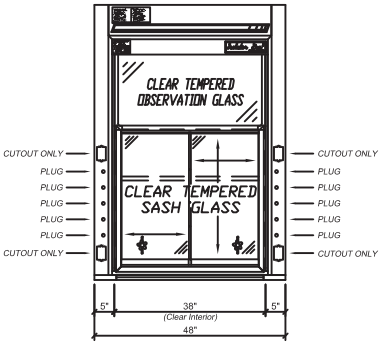


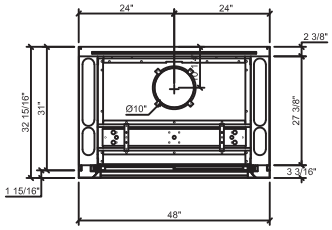
Rendering shown with optional features

| 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 |

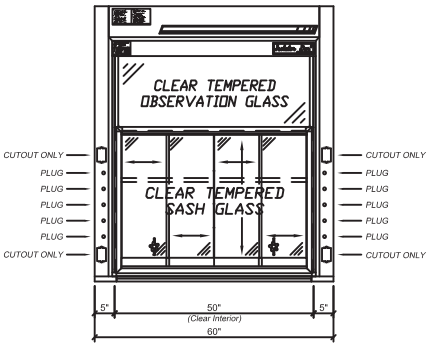
50% open may be achieved two ways: 1. vertical sash open 14", horizontal panels closed or 2. vertical sash closed, horizontal panels full open

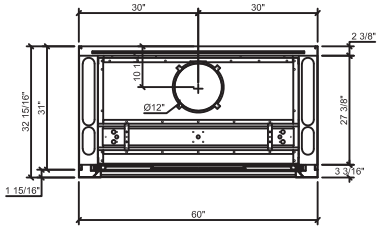
**F-601-48G5 - 48" Wide**



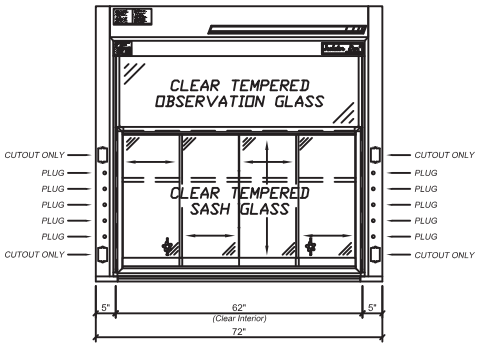



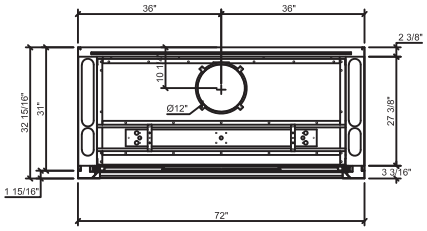

**F-601-60G5 - 60" Wide**



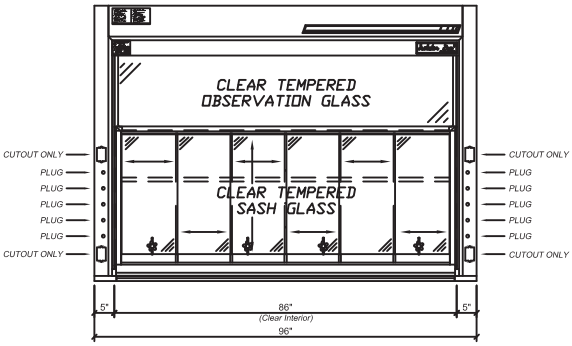

**F-601-72G5 - 72" Wide**

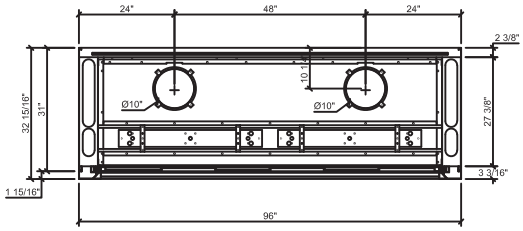


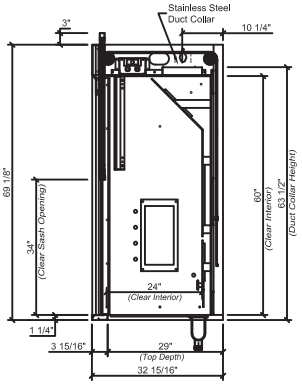
# F-601 Gen-5 OS Height Bench Hood

**F-601-96G5 - 96" Wide**

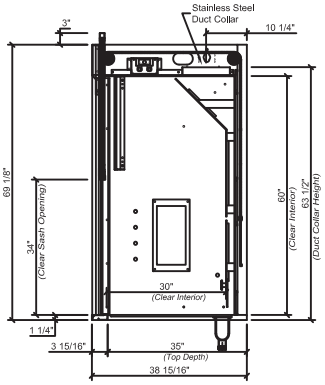



**Section - Standard Depth**




**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.



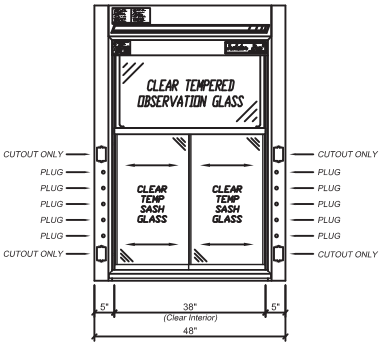
Rendering shown with optional features

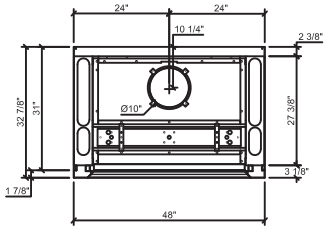
| Catalog Number | Width | Clear Interior Depth | Duct Diameter | 34" Open @ 100 FPM | 50% Open @ 100 FPM |
|---|---|---|---|---|---|
| F-602-48 | 48" | 24" | 1:10" | N/A | 523 CFM @ .14" SP |
| F-602-48D30 | 48" | 30" | 1:10" | N/A | 523 CFM @ .14" SP |
| F-602-60 | 60" | 24" | 1:12" | N/A | 671 CFM @ .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

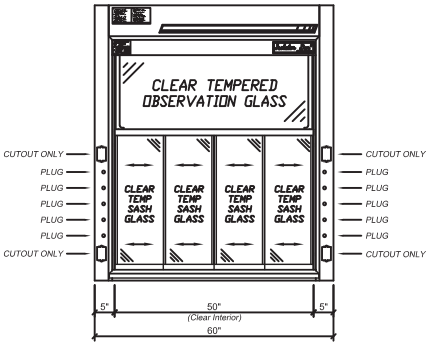
# F-602 Gen-5 OS Height Bench Hood

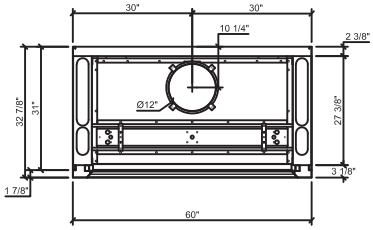
**F-602-48G5 - 48" Wide**



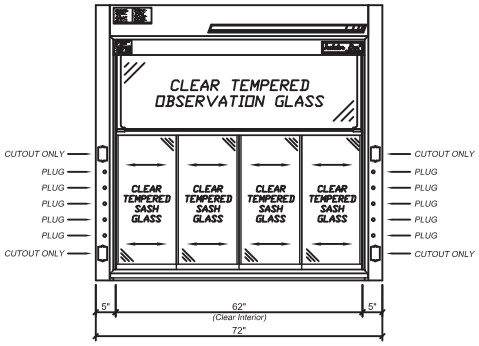



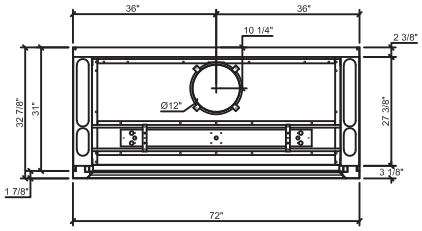

**F-602-60G5 - 60" Wide**



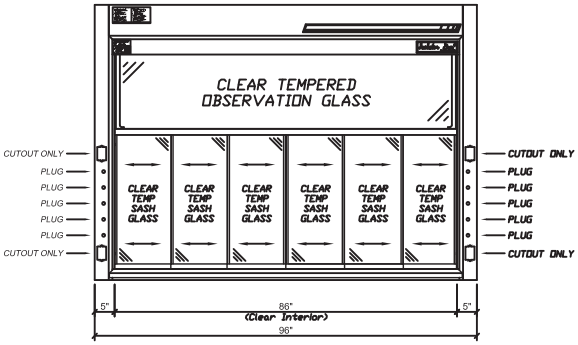



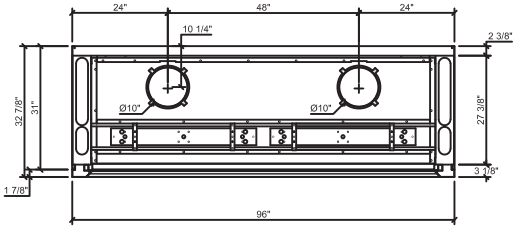

**F-602-72G5 - 72" Wide**



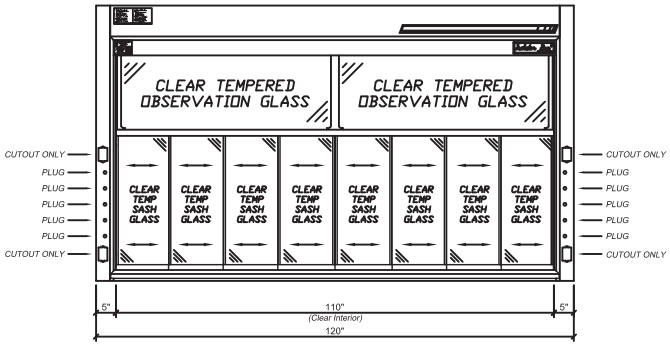



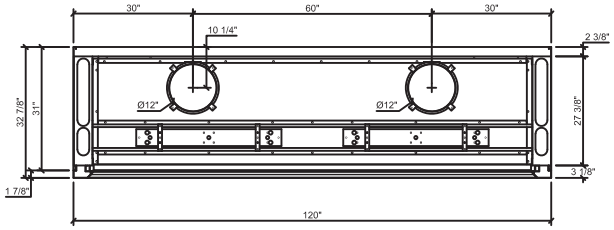
**F-602-96G5 - 96" Wide**



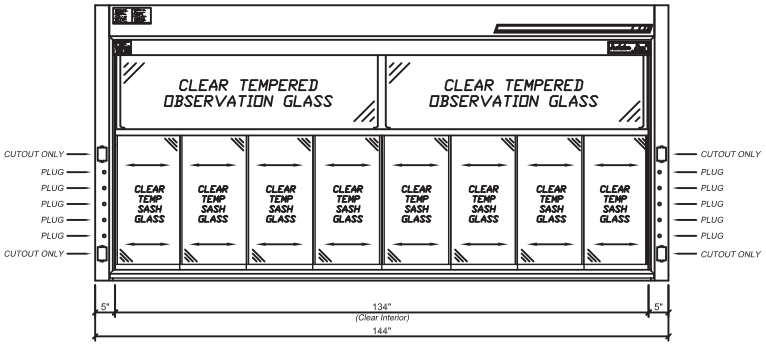



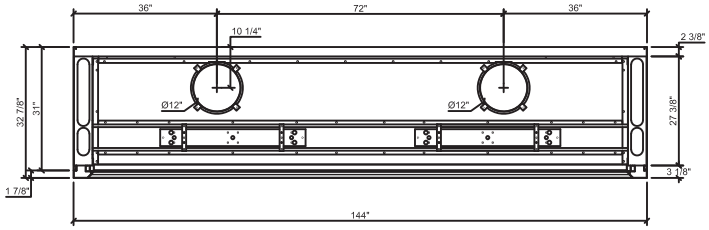

**F-602-120G5 - 120" Wide**



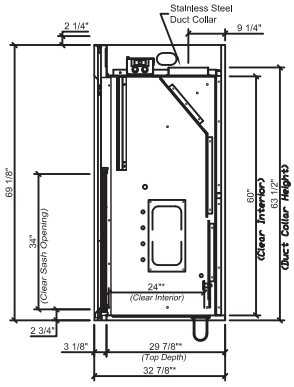

**F-602-144G5 - 144" Wide**



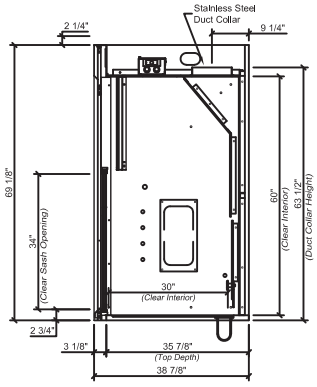



# F-602 Gen-5 OS Height Bench Hood

**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.

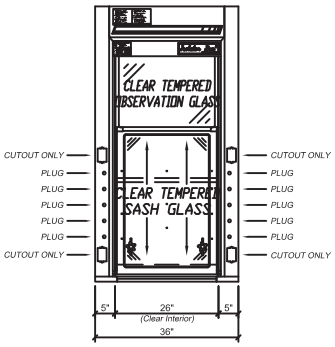


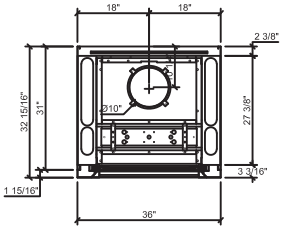

Rendering shown with optional features

| 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 |

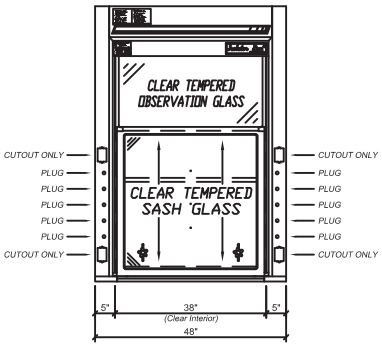
# F-603 Gen-5 OS Height Bench Hood

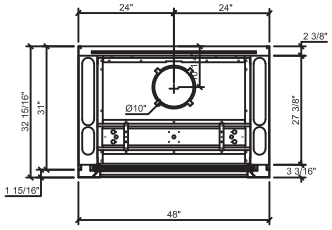
**F-603-36G5 - 36" Wide**



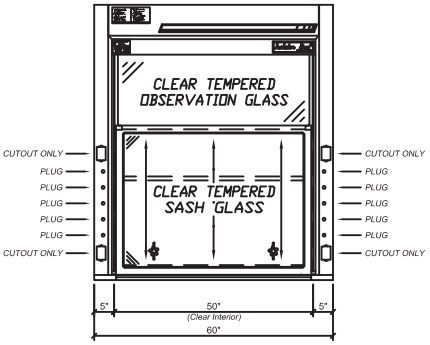



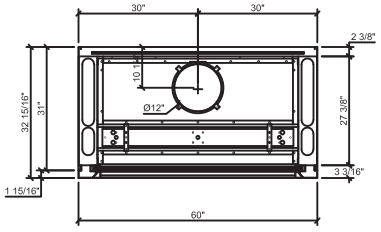

**F-603-48G5 - 48" Wide**



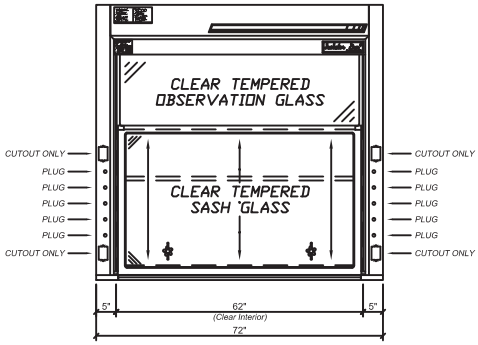



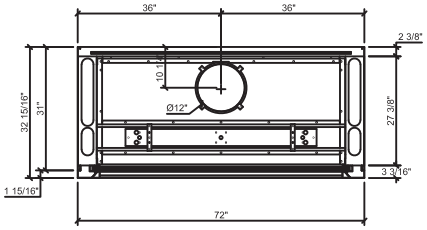

**F-603-60G5 - 60" Wide**



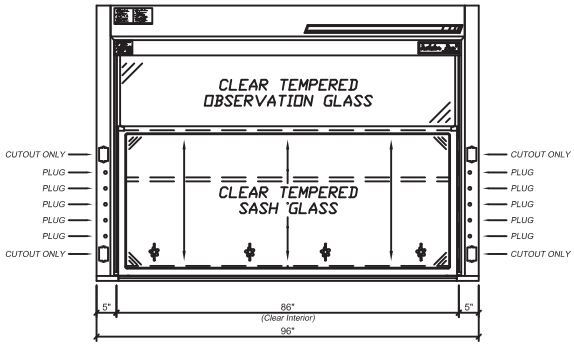



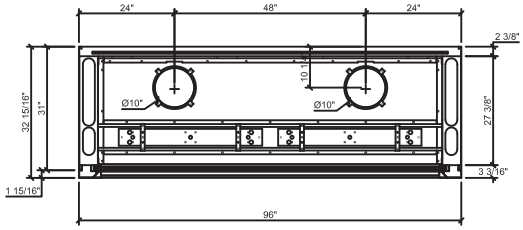
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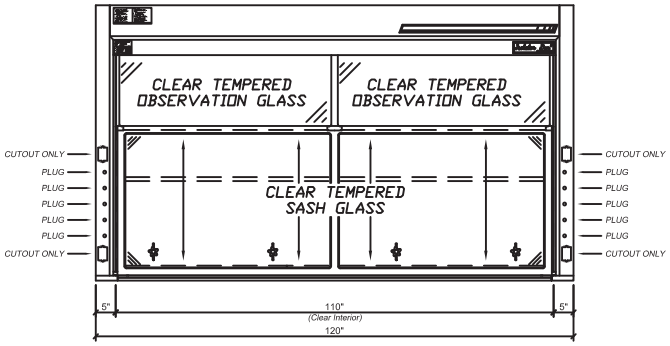



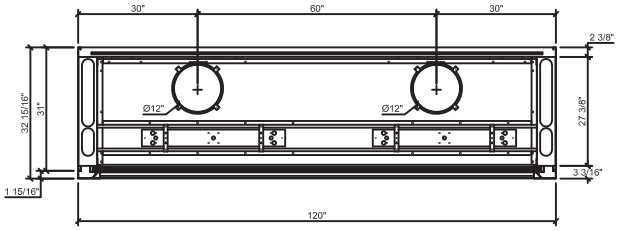

**F-603-96G5 - 96" Wide**



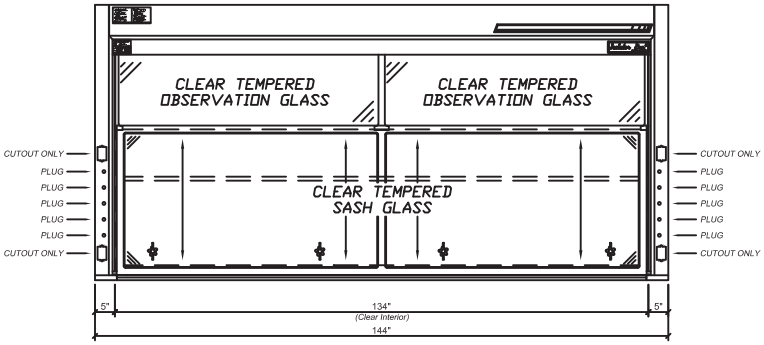

**F-603-120G5 - 120" Wide**

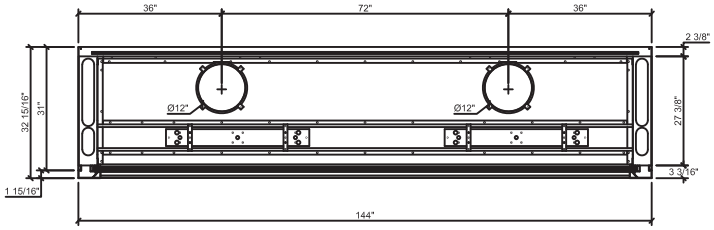


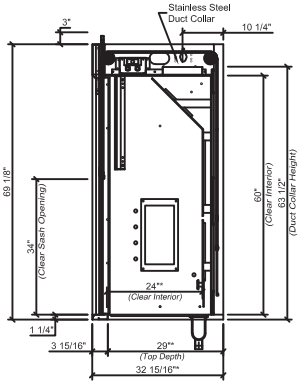
# F-603 Gen-5 OS Height Bench Hood

**F-603-144G5 - 144" Wide**

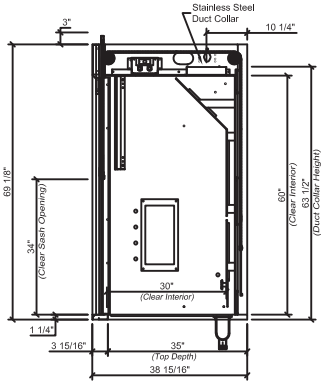



**Section - Standard Depth**




**Section - 30" Deep**






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