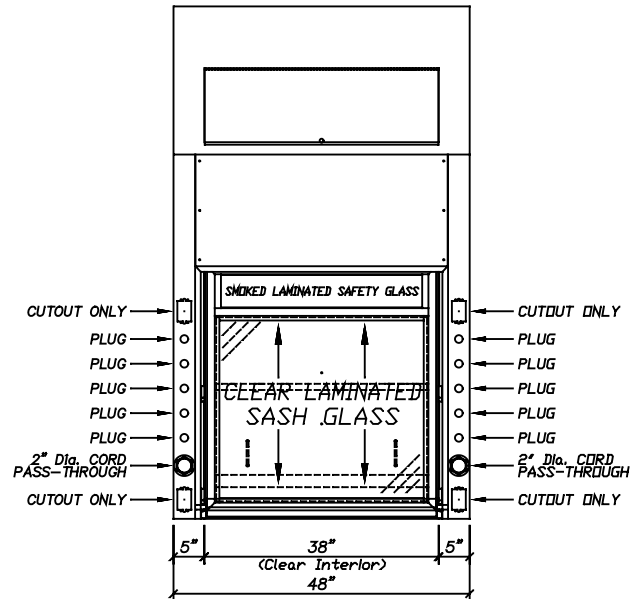
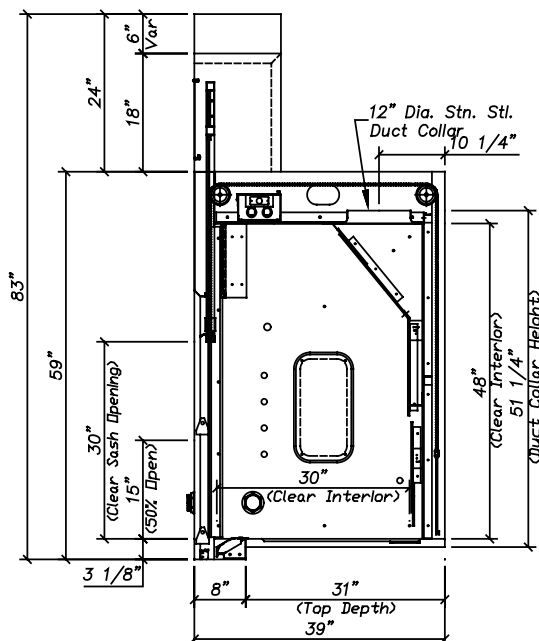


F-900 HOPEC Bench Hood – Framed Vertical Sash

The **ISOLATOR** HOPEC (Hand Operated Positive Energy Control) bench fume hood is based on the design of Jerry Koenigsberg*. The **ISOLATOR** HOPEC bench fume hood addresses concerns such as ADA (Americans w/ Disabilities Act) and LCV (Low Constant Volume). Jamestown Metal Products engineers took Jerry's design and incorporated Jamestown's features to create the most advanced HOPEC bench fume hood on the market.

- Years of maintenance free service
- Defeatable sash stops set at 15" open limit CFM to half of that of a conventional full open fume hood
- Powder painted stainless steel lower trough catches spills that would otherwise run onto the floor or onto the lap of a person sitting in a wheelchair
- PVC baffle screen located between the back and baffle to stop papers and tissue from getting exhausted into the duct system
- No bypass, hood is designed to operate without the use of a VAV (Variable Air Volume) system
- Hoods available in "Knock Down" (KD) mode for transport and assembly in restricted areas



F-900 HOPEC Bench Hood Features

- Stainless steel framed vertical sash
- Defeatable sash stops set at closed and 15" open
- Powder painted stainless steel lower spill trough
- PVC gasketed access panels and PVC baffle screen located between the back and baffle
- Laminated safety glass
- 2" dia. cord pass through located inside double wall end panels
- Bell mouth duct collars
- Powder painted sash cap
- Extra 6" interior depth, 30" clear overall
- 30" clear sash opening for ease of setups
- Unsurpassed containment (designed and tested to exceed ASHRAE 110-1995)
- Unique chain driven sash mechanism that comes with a lifetime warranty
- Galvanized steel pan superstructure
- Quality engineering ensures years of reliable service

F-900 Series – HOPEC Bench Hoods – Ordering Information**F-900 HOPEC Bench Hood Air Flow Data**

Catalog Number	Duct Diameter	30" Vertical Open @ 100 FPM	15" 50% Vertical Open @ 100 FPM
F-900-48	1 : 10"	792 CFM @ .33" SP	396 CFM @ .08" SP
F-900-60	1 : 12"	1042 CFM @ .39" SP	521 CFM @ .09" SP

F-900 HOPEC Bench Hood Product Numbers

F-900-48	HOPEC Bench 48"	Framed Sash
F-900-60	HOPEC Bench 60"	Framed Sash

F-900 HOPEC Bench Hood Liner Options

White Polyglass is standard. Please see the **Hood Liners** section for available options.

F-900 HOPEC Bench Hood Electrical Options

Fascia is pre-punched with two electrical cutouts (four cutouts total). Please see the **Electrical Fixtures** section for available options.

F-900 HOPEC Bench Hood Plumbing Fixtures

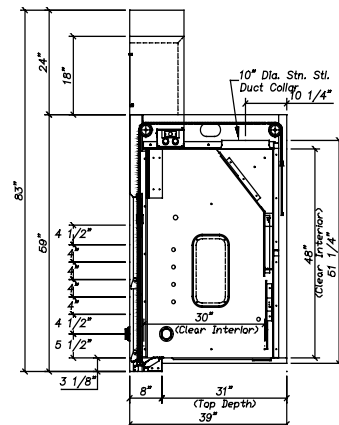
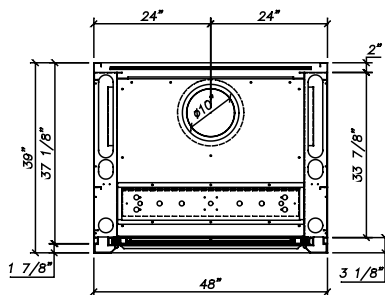
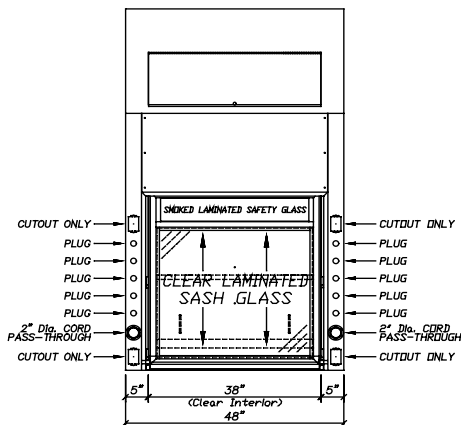
Fascia is pre-punched with five 3/4" dia. holes to accept rod driven remote fixtures (ten holes total). Please see the **Plumbing Fixtures** section for available options.

F-900 HOPEC Bench Hood Accessories

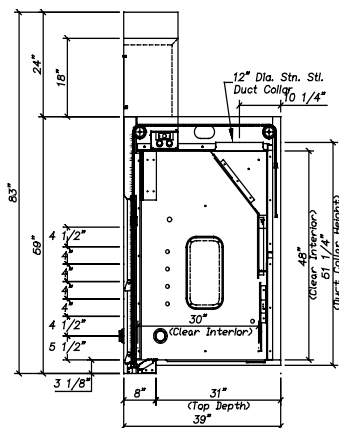
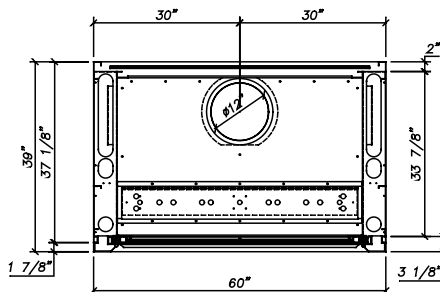
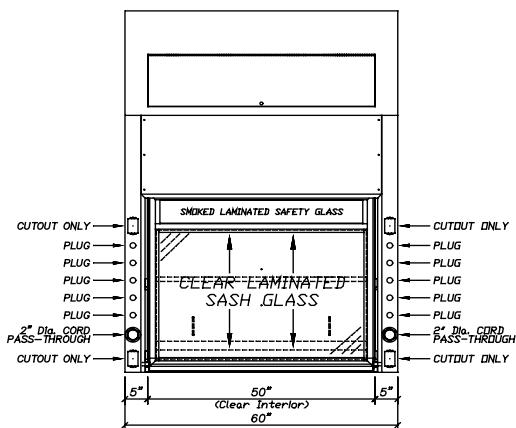
Please see the **Fume Hood Accessories** section for available options.

F-900 Series – HOPEC Bench Hoods – Product Dimensions

F-900-48 – 48" HOPEC Bench Hood

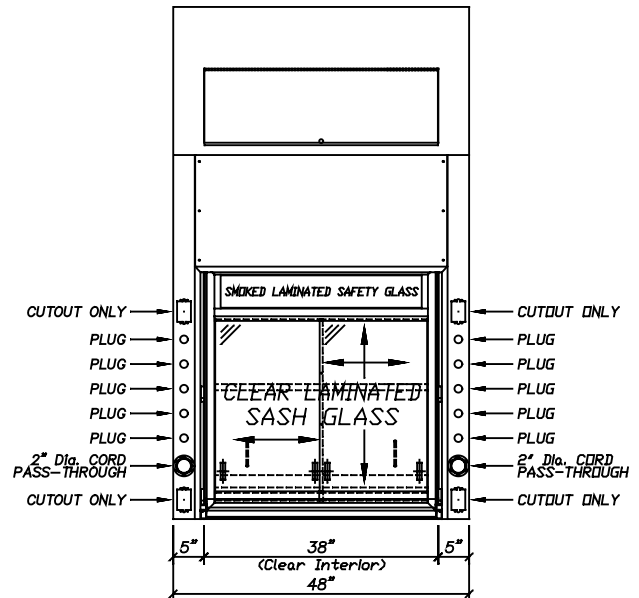
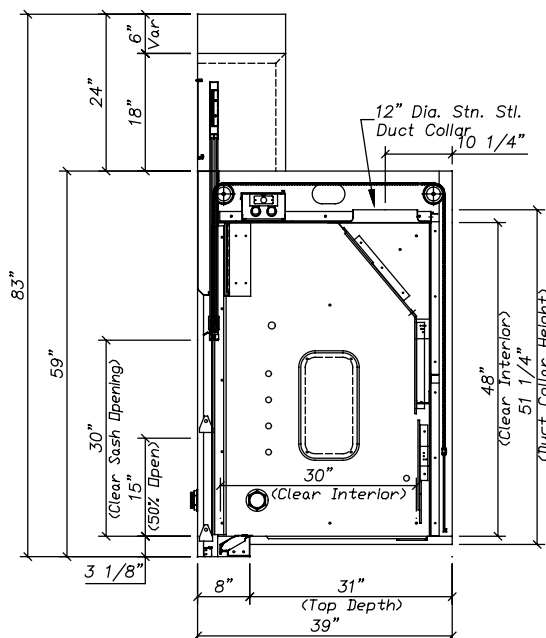


F-900-60 – 60" HOPEC Bench Hood



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- Years of maintenance free service
- Defeatable sash stops set at 15" open limit CFM to half of that of a conventional full open fume hood
- Powder painted stainless steel lower trough catches spills that would otherwise run onto the floor or onto the lap of a person sitting in a wheelchair
- PVC baffle screen located between the back and baffle to stop papers and tissue from getting exhausted into the duct system
- No bypass, hood is designed to operate without the use of a VAV (Variable Air Volume) system
- Hoods available in "Knock Down" (KD) mode for transport and assembly in restricted areas



F-901 HOPEC Bench Hood Features

- Stainless steel framed vertical sash
- Defeatable sash stops set at closed and 15" open
- Powder painted stainless steel lower spill trough
- PVC gasketed access panels and PVC baffle screen located between the back and baffle
- Laminated safety glass with ground finger pulls in horizontal panels
- 2" dia. cord pass through located inside double wall end panels
- Bell mouth duct collars
- Powder painted sash cap
- Extra 6" interior depth, 30" clear overall
- 30" clear sash opening for ease of setups
- Unsurpassed containment (designed and tested to exceed ASHRAE 110-1995)
- Unique chain driven sash mechanism that comes with a lifetime warranty
- Galvanized steel pan superstructure
- Quality engineering ensures years of reliable service

F-900 Series – HOPEC Bench Hoods – Ordering Information

F-901 HOPEC Bench Hood Air Flow Data

Catalog Number	Duct Diameter	30" Vertical Open @ 100 FPM	15" Vertical Open @ 100 FPM
F-901-48	1 : 10"	739 CFM @ .32" SP	410 CFM @ .10" SP
F-901-60	1 : 12"	972 CFM @ .27" SP	559 CFM @ .09" SP
F-901-72	1 : 12"	1205 CFM @ .41" SP	704 CFM @ .14" SP
F-901-96	2 : 10"	1672 CFM @ .41" SP	986 CFM @ .14" SP

*50% Open may be achieved two ways:

1. Vertical sash open 15"; horizontal panels closed 2. Vertical sash closed; horizontal panels full open

F-901 HOPEC Bench Hood Product Numbers

F-901-48	HOPEC Bench 48"	Combination Sash
F-901-60	HOPEC Bench 60"	Combination Sash
F-901-72	HOPEC Bench 72"	Combination Sash
F-901-96	HOPEC Bench 96"	Combination Sash

F-901 HOPEC Bench Hood Liner Options

White Polyglass is standard. Please see the **Hood Liners** section for available options.

F-901 HOPEC Bench Hood Electrical Options

Fascia is pre-punched with two electrical cutouts (four cutouts total). Please see the **Electrical Fixtures** section for available options.

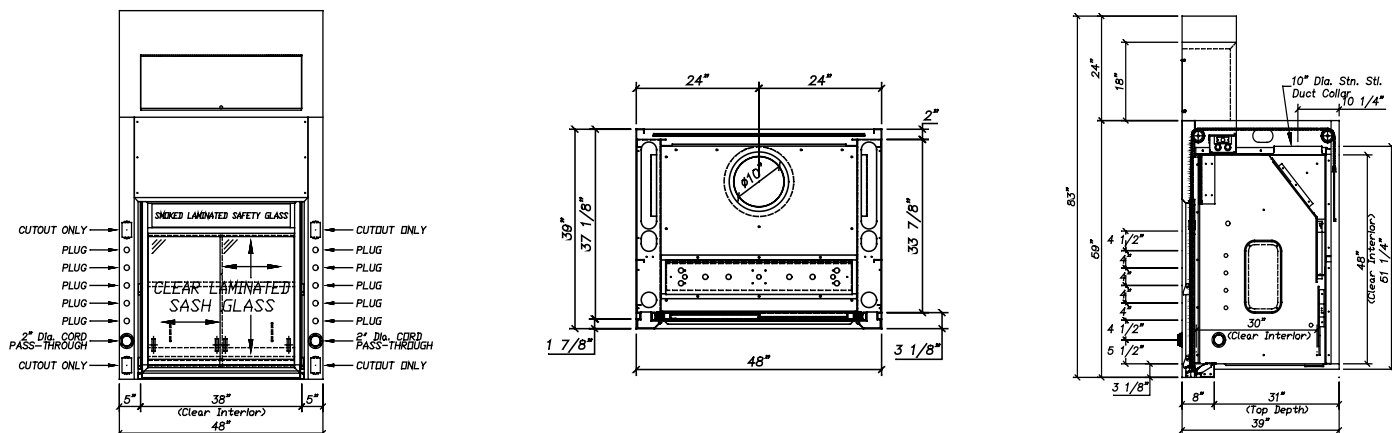
F-901 HOPEC Bench Hood Plumbing Fixtures

Fascia is pre-punched with five 3/4" dia. holes to accept rod driven remote fixtures (ten holes total). Please see the **Plumbing Fixtures** section for available options.

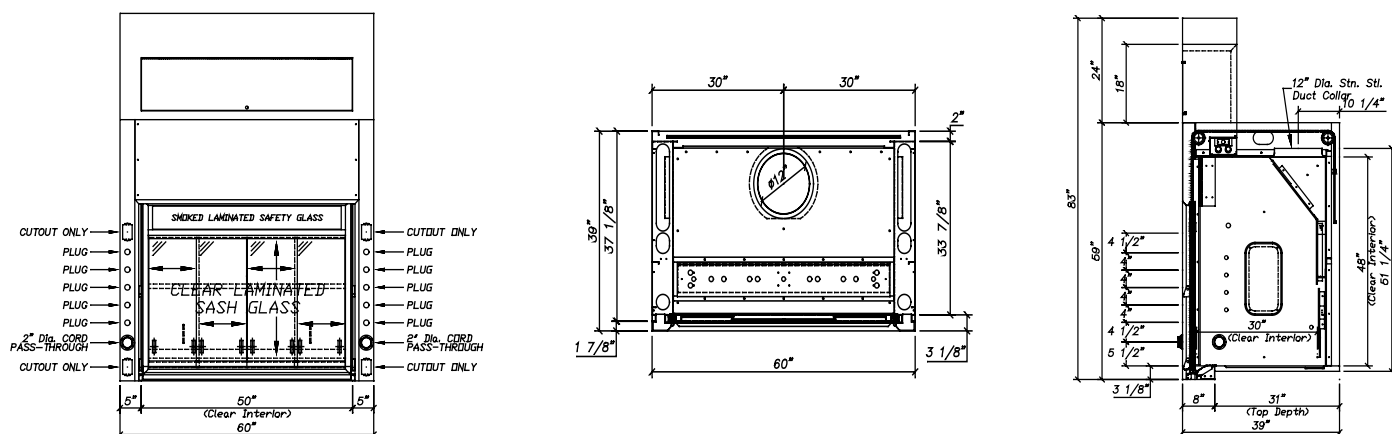
F-901 HOPEC Bench Hood Fume Hood Accessories

Please see the **Fume Hood Accessories** section for available options.

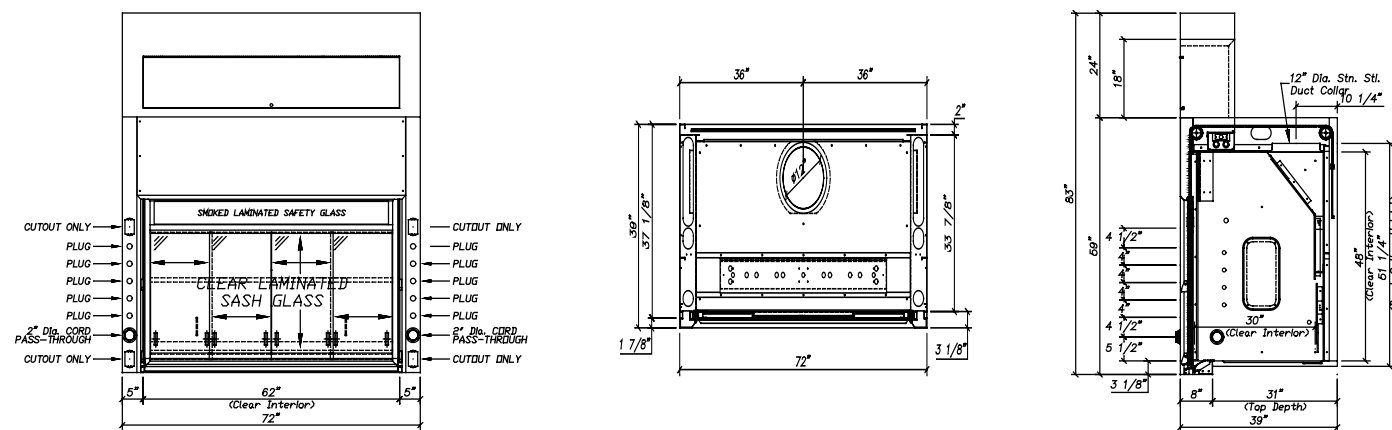
F-901-48 – 48" HOPEC Bench Hood



F-901-60 – 60" HOPEC Bench Hood

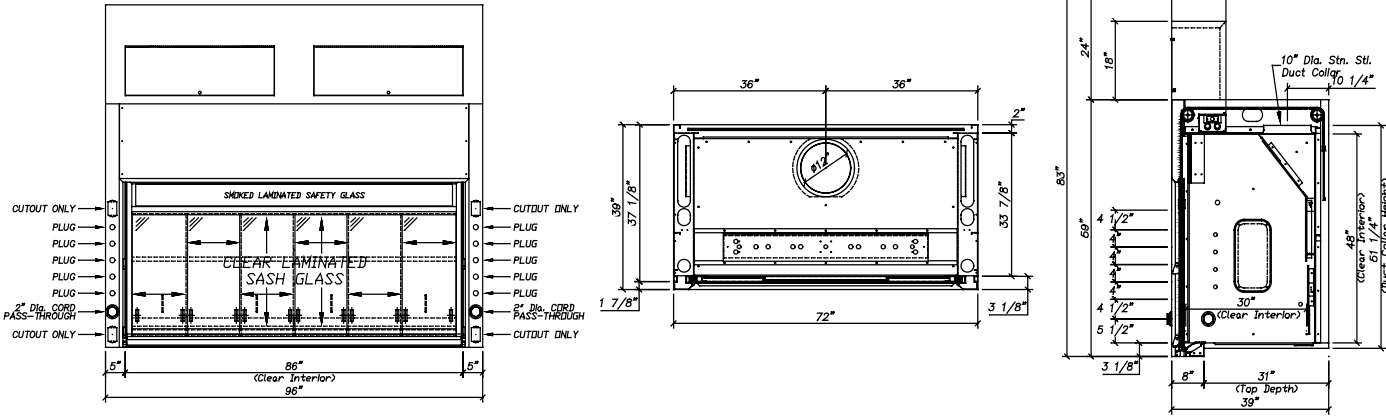


F-901-72 – 72" HOPEC Bench Hood



F-900 Series – HOPEC Bench Hoods – Product Dimensions

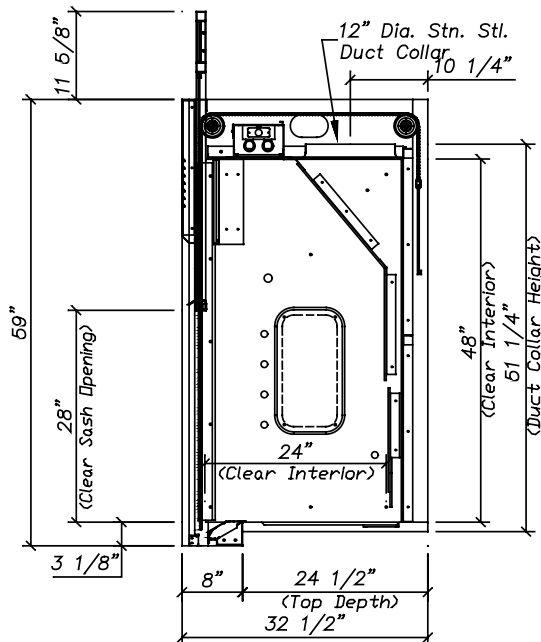
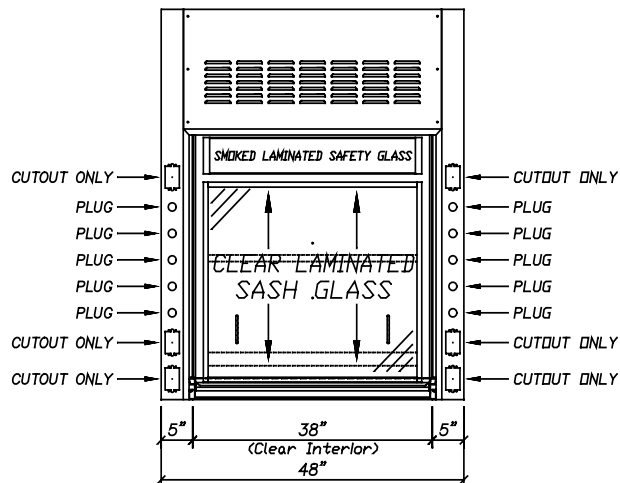
F-901-96 – 96" HOPEC Bench Hood



F-960 ADA Bench Hood with Trough – Framed Vertical Sash

The **ISOLATOR** ADA bench hood with trough and framed vertical sash is designed to minimize static pressure loss with adequate slot area and bellmouth shaped exhaust collar. The **ISOLATOR**'s design and construction enhances its value by providing:

- Unparalleled user safety
- Full hood access for easy set ups
- Years of maintenance free service
- Unmatched ease of use
- Unique design qualities for unlimited customization possibilities
- Field conversion between Constant Air Volume (CAV) and Variable Air Volume (VAV)
- Hoods available in "Knock Down" (KD) mode for transport and assembly in restricted areas



F-960 ADA Bench Hood Features

- Unsurpassed containment (designed and tested to exceed ASHRAE 110-1995)
- Unique chain driven sash mechanism that comes with a lifetime warranty
- Galvanized steel pan superstructure
- Transparent viewpass bypass system
- Stainless steel air foil
- Vertical sashes provide the greatest hood interior access
- Full view sash with 28" opening
- Quality engineering ensures years of reliable service

F-900 Series – ADA Bench Hoods – Ordering Information

F-960 ADA Bench Hood Air Flow Data

Catalog Number	Duct Diameter	Exhaust Open 28" @ 100 FPM	Supply Open 28" @ 100 FPM
F-960-48	1 : 10"	739 CFM @ .32" SP	475 CFM @ .13" SP
F-960-60	1 : 12"	972 CFM @ .27" SP	625 CFM @ .11" SP
F-960-72	1 : 12"	1205 CFM @ .41" SP	775 CFM @ .17" SP
F-960-96	2 : 10"	1672 CFM @ .41" SP	1075 CFM @ .17" SP

F-960 ADA Bench Hood Product Numbers

F-960-48	ADA Bench with Trough 48"	Framed Sash
F-960-60	ADA Bench with Trough 60"	Framed Sash
F-960-72	ADA Bench with Trough 72"	Framed Sash
F-960-96	ADA Bench with Trough 96"	Framed Sash

F-960 ADA Bench Hood Liner Options

White Polyglass is standard. Please see the **Hood Liners** section for available options.

F-960 ADA Bench Hood Electrical Options

Fascia is pre-punched with two electrical cutouts (four cutouts total). Please see the **Electrical Fixtures** section for available options.

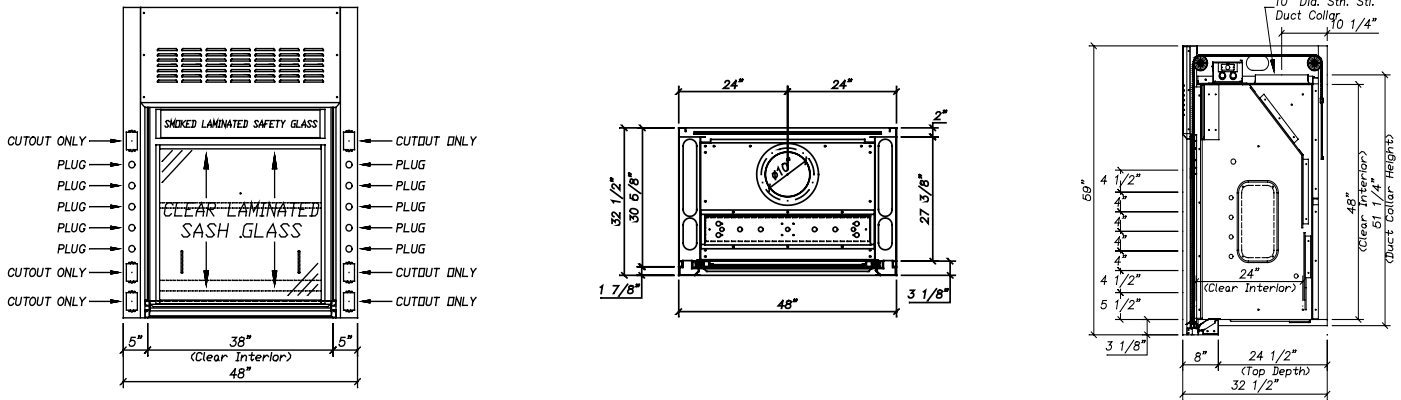
F-960 ADA Bench Hood Plumbing Fixtures

Fascia is pre-punched with five 3/4" dia. holes to accept rod driven remote fixtures (ten holes total). Please see the **Plumbing Fixtures** section for available options.

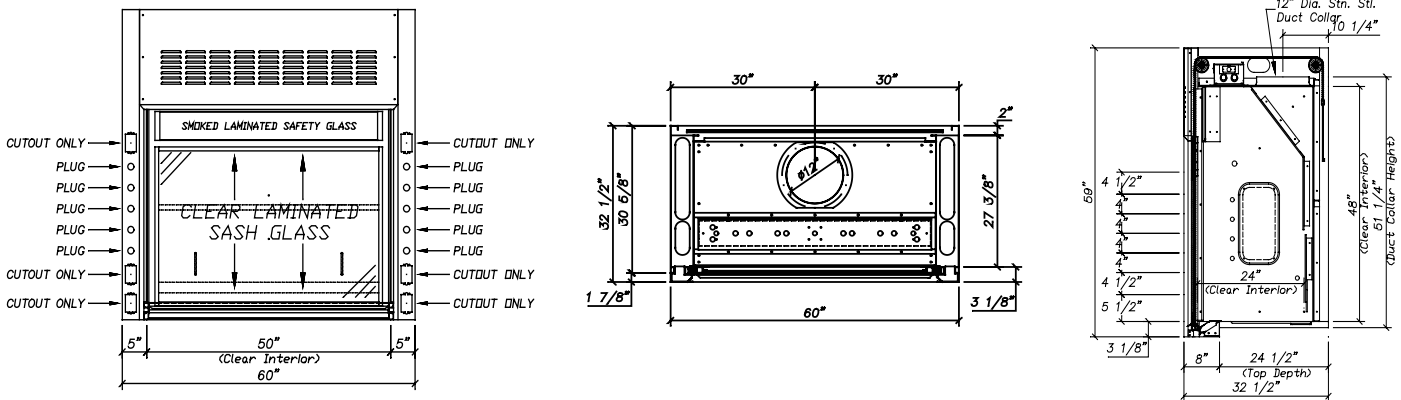
F-960 ADA Bench Hood Fume Hood Accessories

Please see the **Fume Hood Accessories** section for available options.

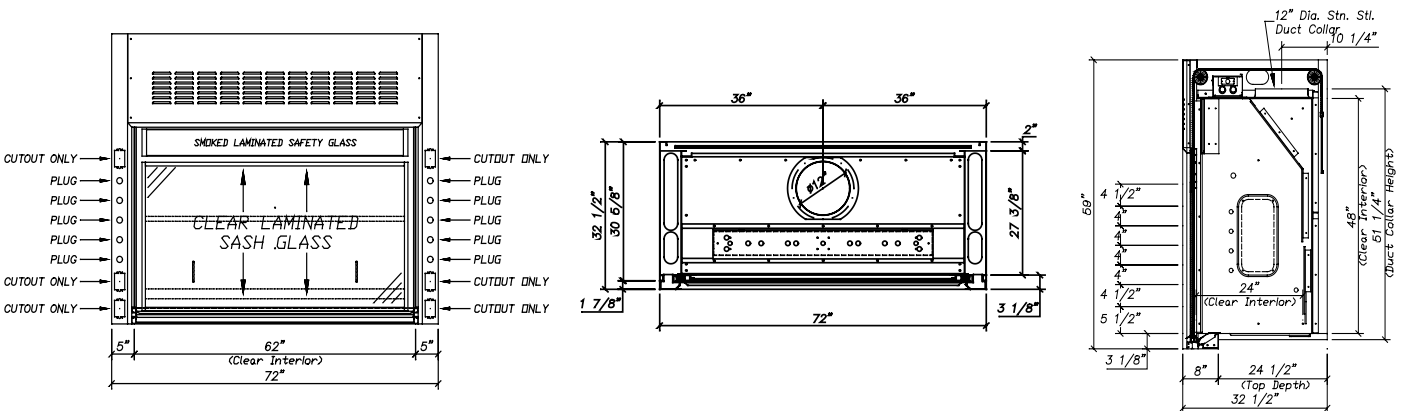
F-960-48 – 48" ADA Bench Hood

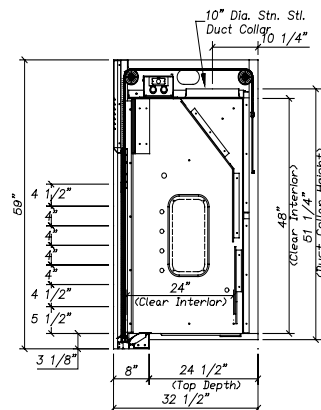


F-960-60 – 60" ADA Bench Hood



F-960-72 – 72" ADA Bench Hood

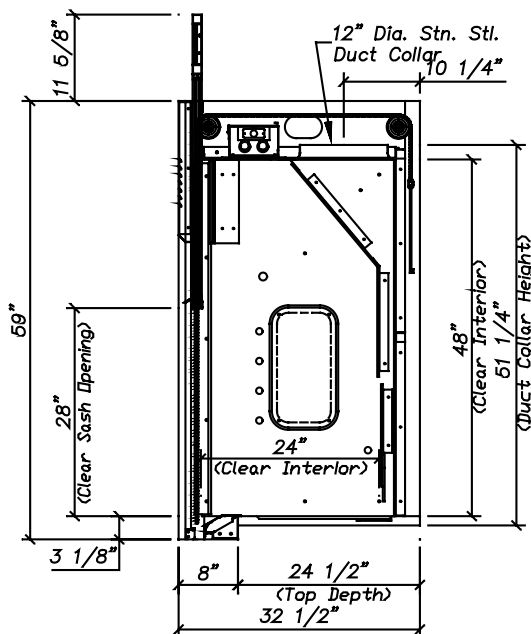
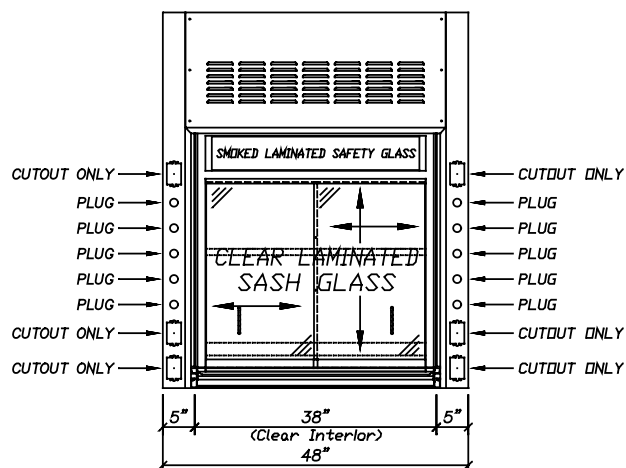




F-961 ADA Bench Hood with Trough – Combination Sash

The **ISOLATOR** ADA bench hood with trough and a combination sash is designed to minimize static pressure loss with adequate slot area and bellmouth shaped exhaust collar. The **ISOLATOR**'s design and construction enhances its value by providing:

- Unparalleled user safety
- Years of maintenance free service
- Unmatched ease of use
- Unique design qualities for unlimited customization possibilities
- Field conversion between Constant Air Volume (CAV) and Variable Air Volume (VAV)
- Hoods available in "Knock Down" (KD) mode for transport and assembly in restricted areas



F-961 ADA Bench Hood Features

- Unsurpassed containment (designed and tested to exceed ASHRAE 110-1995)
- Unique chain driven sash mechanism that comes with a lifetime warranty
- Galvanized steel pan superstructure
- Transparent viewpass bypass system
- Stainless steel air foil
- Offers the best features of both the vertical and horizontal sashes thus allowing flexible interior access while minimizing the sash opening for energy savings
- Full view stainless steel combination sash with 28" vertical opening
- Quality engineering ensures years of reliable service

F-900 Series – ADA Bench Hoods – Ordering Information

F-961 ADA Bench Hood Air Flow Data

Catalog Number	Duct Diameter	28" Vertical Open @ 100 FPM	14" Vertical Open @ 100 FPM
F-961-48	1 : 10"	739 CFM @ .32" SP	410 CFM @ .10" SP
F-961-60	1 : 12"	972 CFM @ .27" SP	559 CFM @ .09" SP
F-961-72	1 : 12"	1205 CFM @ .41" SP	704 CFM @ .14" SP
F-961-96	2 : 10"	1672 CFM @ .41" SP	986 CFM @ .14" SP

*50% Open may be achieved two ways:

1. Vertical sash open 14"; horizontal panels closed 2. Vertical sash closed; horizontal panels full open

F-961 ADA Bench Hood Product Numbers

F-961-48	ADA Bench with Trough 48"	Combo Sash
F-961-60	ADA Bench with Trough 60"	Combo Sash
F-961-72	ADA Bench with Trough 72"	Combo Sash
F-961-96	ADA Bench with Trough 96"	Combo Sash

F-961 ADA Bench Hood Liner Options

White Polyglass is standard. Please see the **Hood Liners** section for available options.

F-961 ADA Bench Hood Electrical Options

Fascia is pre-punched with two electrical cutouts (four cutouts total). Please see the **Electrical Fixtures** section for available options.

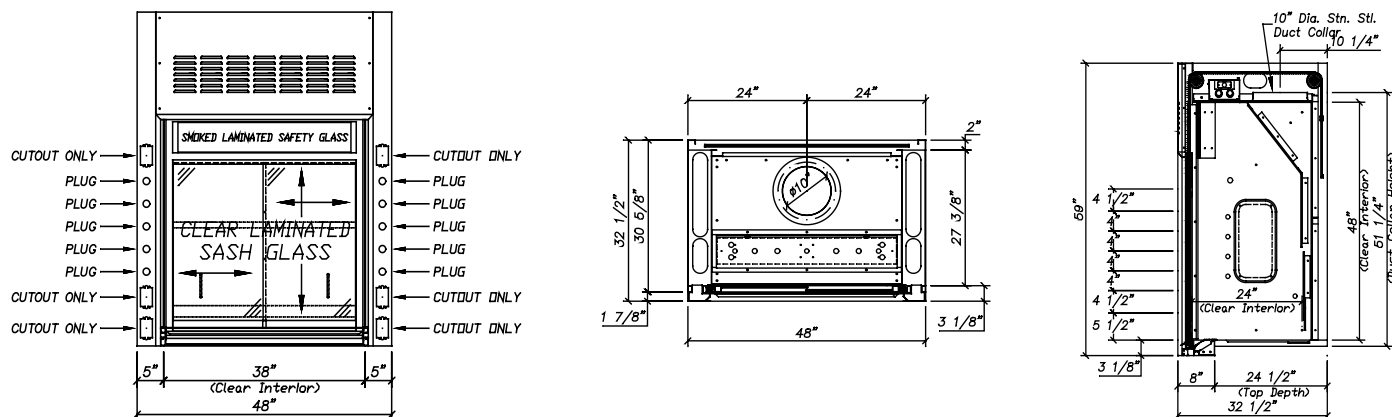
F-961 ADA Bench Hood Plumbing Fixtures

Fascia is pre-punched with five 3/4" dia. holes to accept rod driven remote fixtures (ten holes total). Please see the **Plumbing Fixtures** section for available options.

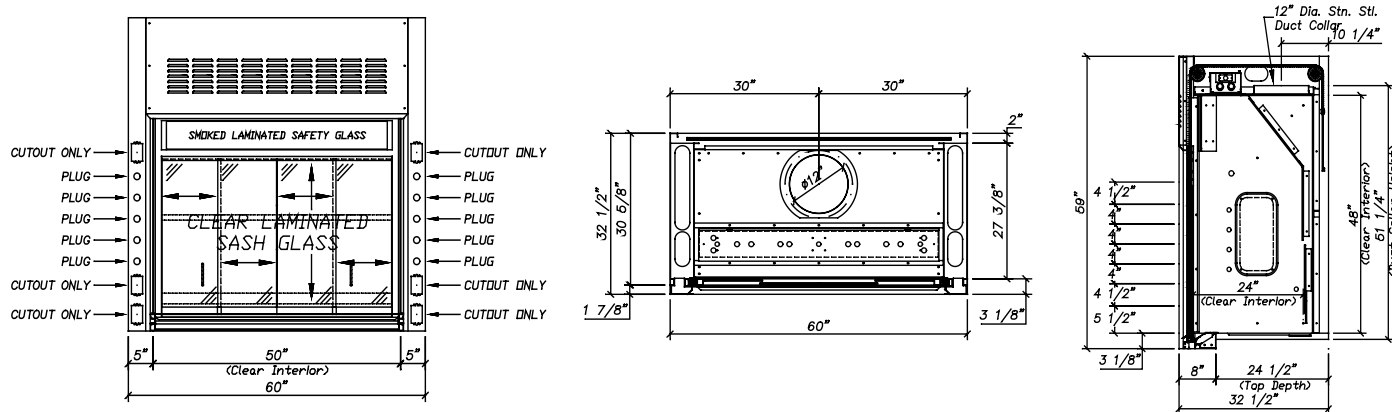
F-961 ADA Bench Hood Fume Hood Accessories

Please see the **Fume Hood Accessories** section for available options.

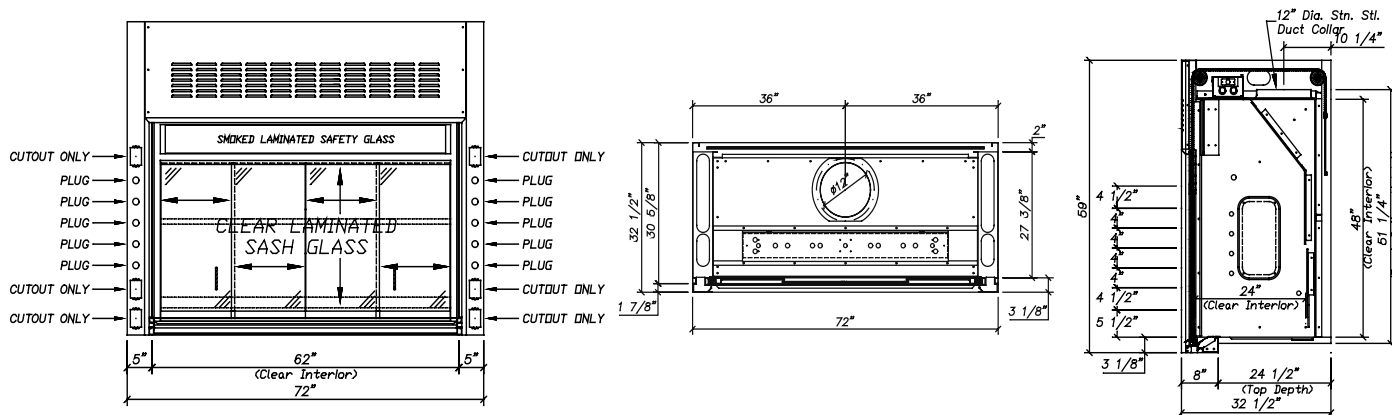
F-961-48 – 48" ADA Bench Hood



F-961-60 – 60" ADA Bench Hood

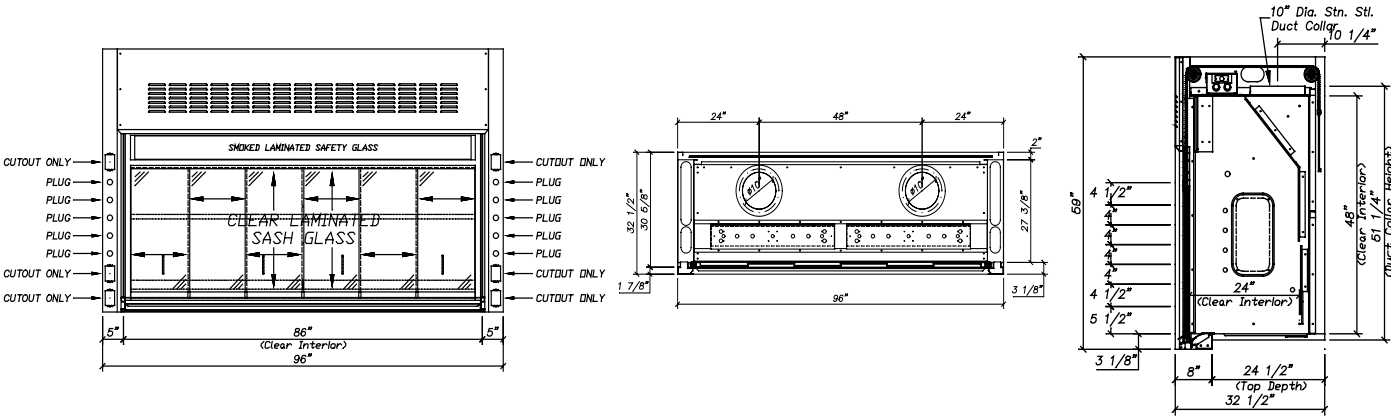


F-961-72 – 72" ADA Bench Hood



F-900 Series – ADA Bench Hoods – Product Dimensions

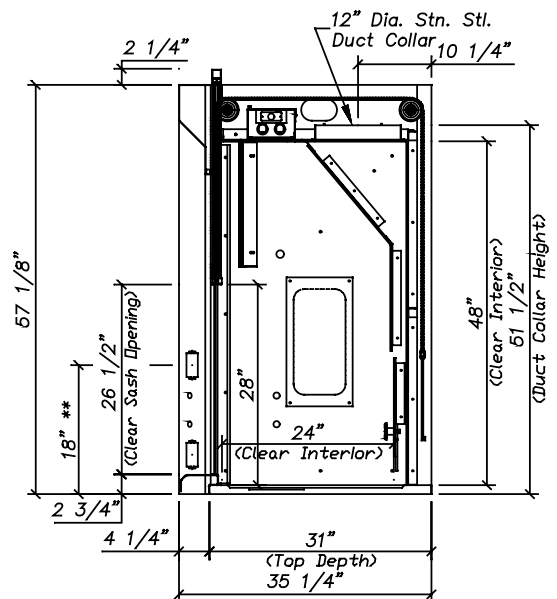
F-961-96 – 96" ADA Bench Hood



F-971 ADA Bench Hood

The **ISOLATOR** bench fume hood is specifically designed to comply with guidelines of the Americans with Disabilities Act (ADA). The fixtures and service fittings have been repositioned to allow easy access by a seated operator. The **ISOLATOR**'s design and construction enhances its value by providing:

- Unparalleled user safety
- Years of maintenance free service
- Unmatched ease of use
- Substantial energy savings via the sash configuration
- Unique design qualities for unlimited customization possibilities
- Field conversion between Constant Air Volume (CAV) and Variable Air Volume (VAV)
- Hoods available in "Knock Down" (KD) mode for transport and assembly in restricted areas



F-971 ADA Bench Hood Features

- Unsurpassed containment (designed and tested to exceed ASHRAE 110-1995)
- Unique chain driven sash mechanism that comes with a lifetime warranty
- Galvanized steel pan superstructure
- Transparent viewpass bypass system
- Stainless steel air foil
- Offers the best features of both the vertical and horizontal sashes thus allowing flexible interior access while minimizing the sash opening for energy savings
- Full view frameless sash with 26 1/2" opening
- Quality engineering ensures years of reliable service

F-900 Series – HOPEC Bench Hoods – Ordering Information

F-971 ADA Bench Hood Air Flow Data

Catalog Number	Duct Diameter	28" Vertical Open @ 100 FPM	14" Vertical Open @ 100 FPM
F-971-48	1 : 10"	739 CFM @ .32" SP	410 CFM @ .10" SP
F-971-60	1 : 12"	972 CFM @ .27" SP	559 CFM @ .09" SP
F-971-72	1 : 12"	1205 CFM @ .41" SP	704 CFM @ .14" SP
F-971-96	2 : 10"	1672 CFM @ .41" SP	986 CFM @ .14" SP

*50% Open may be achieved two ways:

1. Vertical sash open 14"; horizontal panels closed 2. Vertical sash closed; horizontal panels full open

F-971 ADA Bench Hood Product Numbers

F-971-48	ADA Bench 48"	ADA Fascia	
F-971-60	ADA Bench 60"	ADA Fascia	
F-971-72	ADA Bench 72"	ADA Fascia	
F-971-96	ADA Bench 96"	ADA Fascia	
F-971-48 D30	ADA Bench 48"	ADA Fascia	30" Deep
F-971-60 D30	ADA Bench 60"	ADA Fascia	30" Deep
F-971-72 D30	ADA Bench 72"	ADA Fascia	30" Deep
F-971-96 D30	ADA Bench 96"	ADA Fascia	30" Deep

F-971 ADA Bench Hood Liner Options

White Polyglass is standard. Please see the **Hood Liners** section for available options.

F-971 ADA Bench Hood Electrical Options

Fascia is pre-punched with two electrical cutouts (four cutouts total). Please see the **Electrical Fixtures** section for available options.

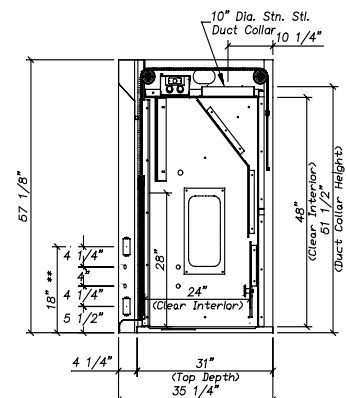
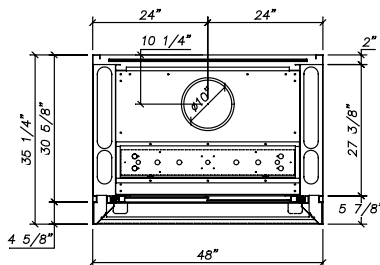
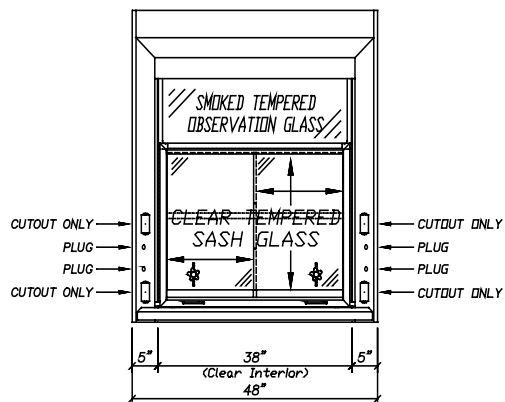
F-971 ADA Bench Hood Plumbing Fixtures

Fascia is pre-punched with five 3/4" dia. holes to accept rod driven remote fixtures (ten holes total). Please see the **Plumbing Fixtures** section for available options.

F-971 ADA Bench Hood Accessories

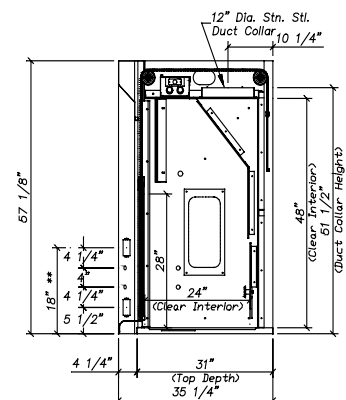
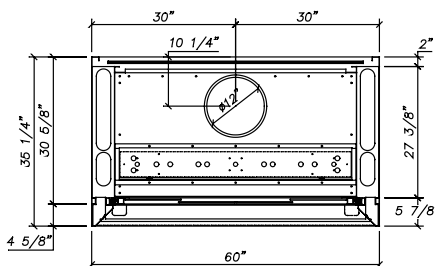
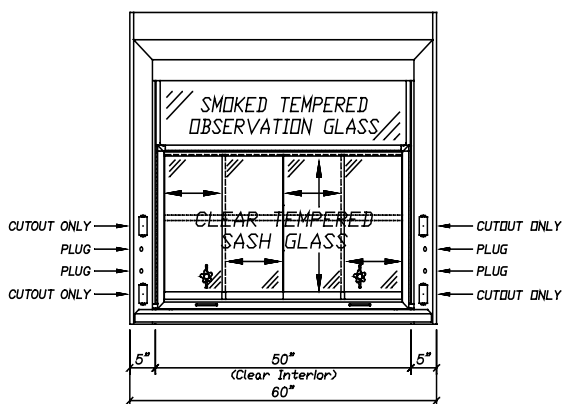
Please see the **Fume Hood Accessories** section for available options.

F-971-48 - 48" ADA Bench Hood



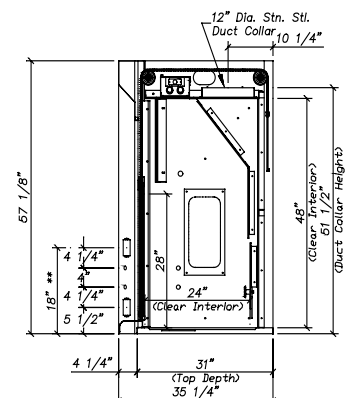
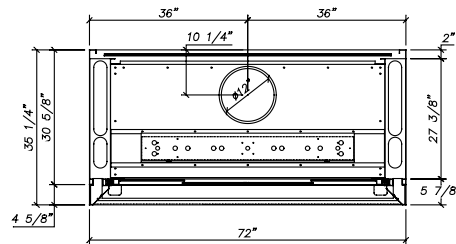
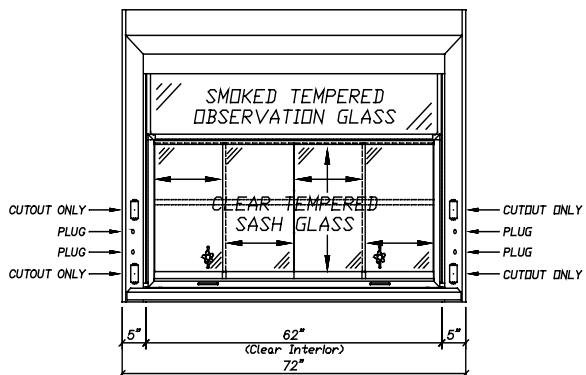
*** NOTE: 18" IS A.D.A. RECOMMENDED MAXIMUM FIXTURE HEIGHT

F-971-60 - 60" ADA Bench Hood



*** NOTE: 18" IS A.D.A. RECOMMENDED MAXIMUM FIXTURE HEIGHT

F-971-72 - 72" ADA Bench Hood



*** NOTE: 18" IS A.D.A. RECOMMENDED MAXIMUM FIXTURE HEIGHT

F-900 Series – HOPEC Bench Hoods – Product Dimensions

F-971-96 – 96" ADA Bench Hood

