

## AMBIANCE® FIREPLACES | GRILLS

## **Installation Guide**

Professional Technicians and Installers Only

Zero-Clearance Wood-Burning Fireplaces LUXUS 40 HIGH | LUXUS 40 LOW | LUXUS 26 TALL | LUXUS SEE-THRU 40 LUXUS CORNER LEFT 32 | LUXUS CORNER RIGHT 32 | LUXUS CORNER LEFT 40 | LUXUS CORNER RIGHT 40 LUXUS BAY 32 | LUXUS BAY 40 | LUXUS PIER 28 | LUXUS PIER 36

#### READ THIS NOW

This Ambiance<sup>®</sup> Installation Guide contains installation instructions, illustrations and recommendations to be used in conjunction with the Ambiance® Installation and Operation Instructions printout which is packaged with each fireplace, information



#### WORKMANSHIP

You must be a qualified professional in order to install a Ambiance® fireplace.

As each installation is different, a qualified and licensed trades professional should take all required preliminary precautions depending on the technical elements inherent to each iob.

As a result of faulty assembly, use of parts or additional components not supplied, or certified by the manufacturer/distributor. and/or modifying of the appliance or components will result in inferior or unsafe operation. Should this occur the manufacturer/distributor bears no liability, and will result in a null and void product warrantv.

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Ambiance<sup>®</sup> reserves the right to make changes to this publication at any time without prior notice and reserves its rights according to the law.

Ambiance<sup>®</sup> fireplaces are constantly being

improved. Read and cross reference the

affixed to the unit you are installing and if

instructions outlined on the safety label

between this Installation Guide and the

the safety label affixed to the fireplace.

safety label, then follow the information on

there is any difference of information

THE SAFETY LABEL

Safety Label

#### **REGULATIONS AND CODES**

Be aware that local codes and national regulations may override some items in this Installation Supplement. The installer should strictly adhere to local codes and national regulations. The liability of the manufacturer can neither be retained nor assured following failure of installation or incorrect use which is not compliant with local and national codes and regulations.

Codes and regulations may be imposed by one or all of the following agencies: the local building authorities the local fire department the property insurance company

#### SAFETY INSTRUCTIONS

Indicates specific safety related instructions or procedures, or suggestions.

#### NOTICE

Addresses practices not related to physical injury, and is still considered important such as best practices of design and installation, material and component selections.

### CAUTION

A

INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN MINOR OR MODERATE OR INJURY TO INDIVIDUALS AND PROPERTY

#### WARNING

INDICATES A HAZARDOUS SITUATION THAT, IF NOT AVOIDED, COULD RESULT IN MAJOR INJURY INCLUDING DEATH OR SERIOUS INJURY

#### DANGER

**INDICATES A HAZARDOUS** SITUATION THAT, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY

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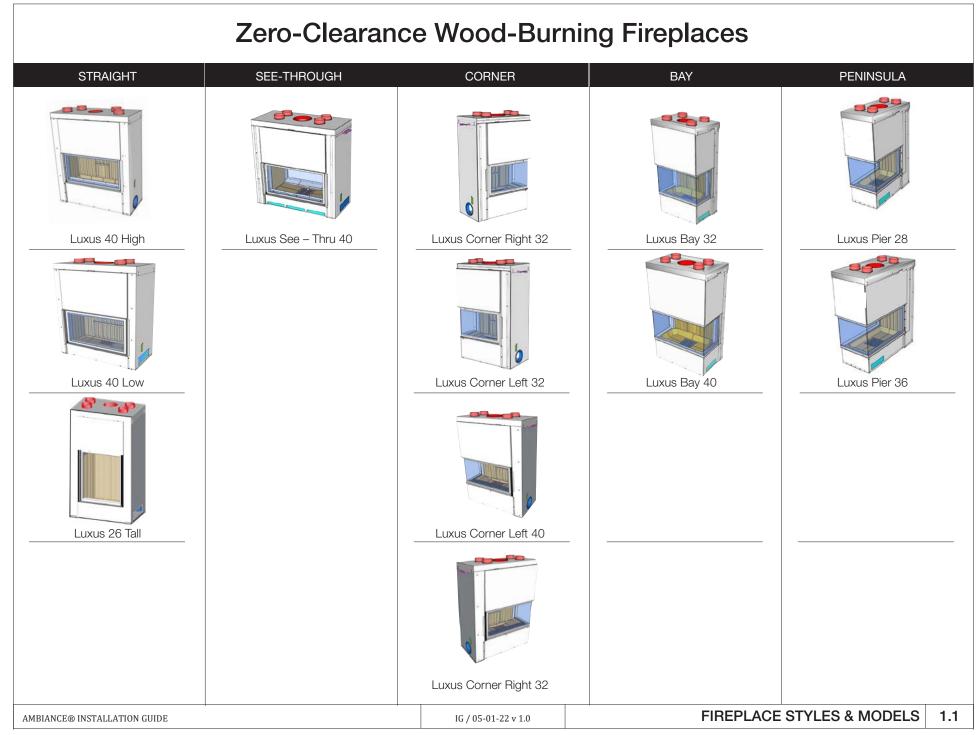
#### 1.0 MODEL INFORMATION

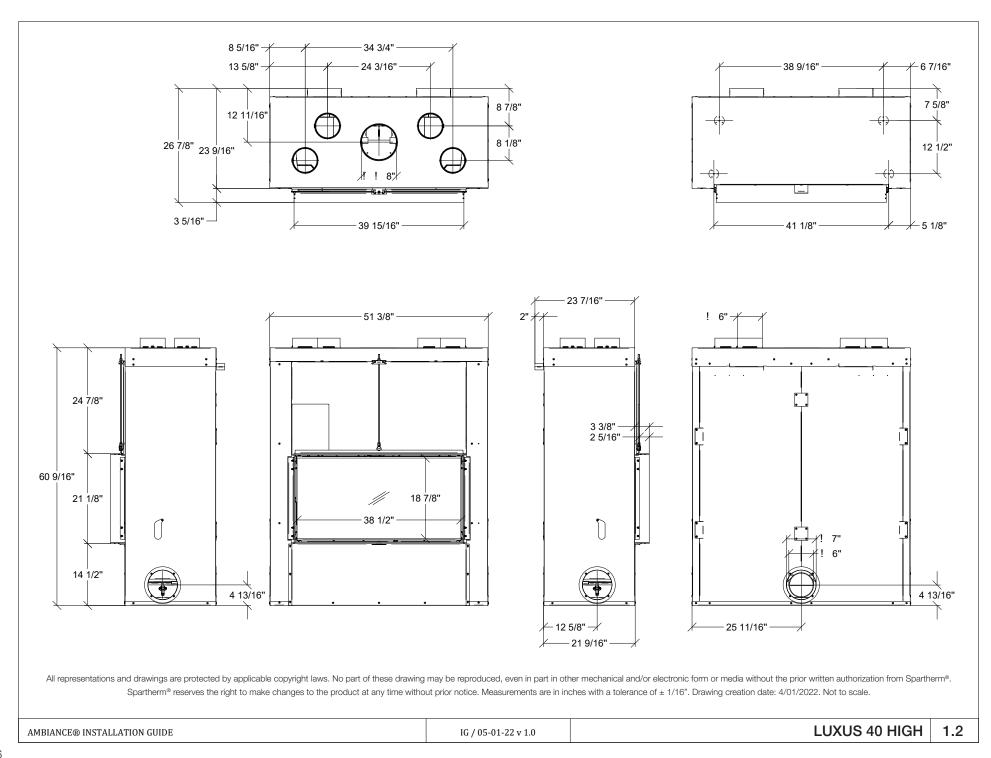
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1.2	Luxus 40 High
1.3	Luxus 40 Low
1.4	Luxus 26 Tall
1.5	Luxus See-Thru 40
1.6	Luxus Corner Left 32
1.7	Luxus Corner Right 32
1.8	Luxus Corner Left 40
1.9	Luxus Corner Right 40
1.10	Luxus Bay 32
1.11	Luxus Bay 40
1.12	Luxus Pier 28
1.13	Luxus Pier 36
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<b>2.0</b> 2.1	INSTALLATION RELATED
-	
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2.1 2.2	Transporting the Fireplace Moving the Fireplace
2.1 2.2 2.3	Transporting the Fireplace Moving the Fireplace Combustible Floor Protection
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<ol> <li>2.1</li> <li>2.2</li> <li>2.3</li> <li>2.4</li> <li>2.5</li> </ol>	Transporting the Fireplace Moving the Fireplace Combustible Floor Protection Surround Construction Minimum Clearance Above Fireplace
<ol> <li>2.1</li> <li>2.2</li> <li>2.3</li> <li>2.4</li> <li>2.5</li> <li>2.6</li> </ol>	Transporting the Fireplace Moving the Fireplace Combustible Floor Protection Surround Construction Minimum Clearance Above Fireplace Air Clearance Spacers
<ol> <li>2.1</li> <li>2.2</li> <li>2.3</li> <li>2.4</li> <li>2.5</li> <li>2.6</li> <li>2.7</li> </ol>	Transporting the Fireplace Moving the Fireplace Combustible Floor Protection Surround Construction Minimum Clearance Above Fireplace Air Clearance Spacers Clearance to Combustible Materials
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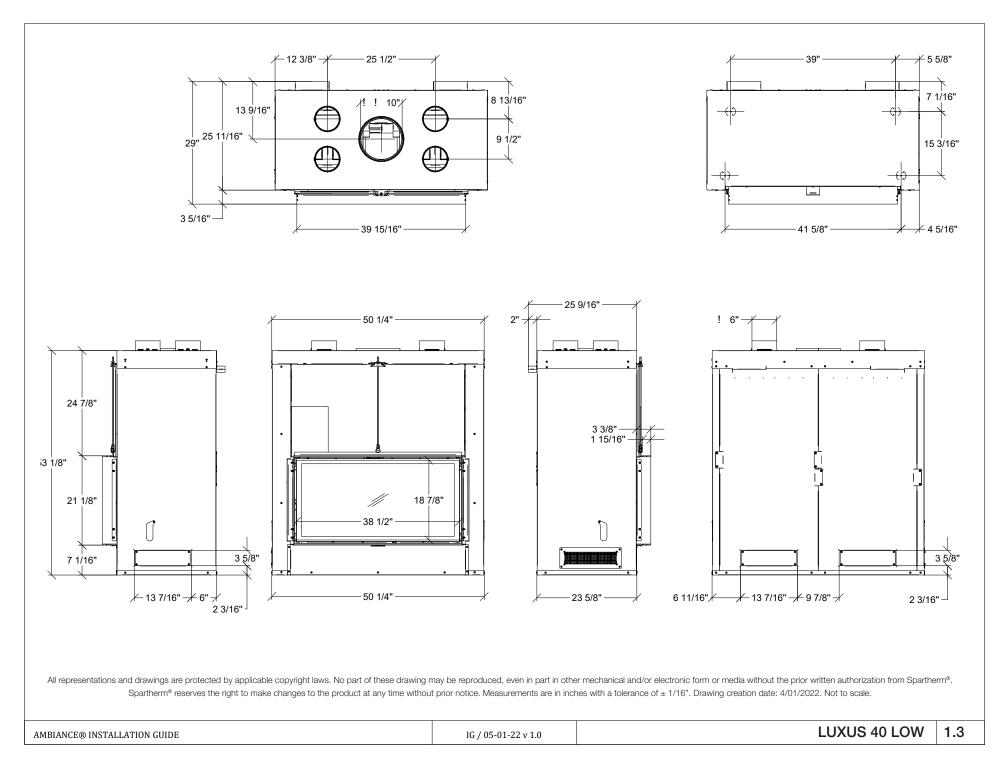
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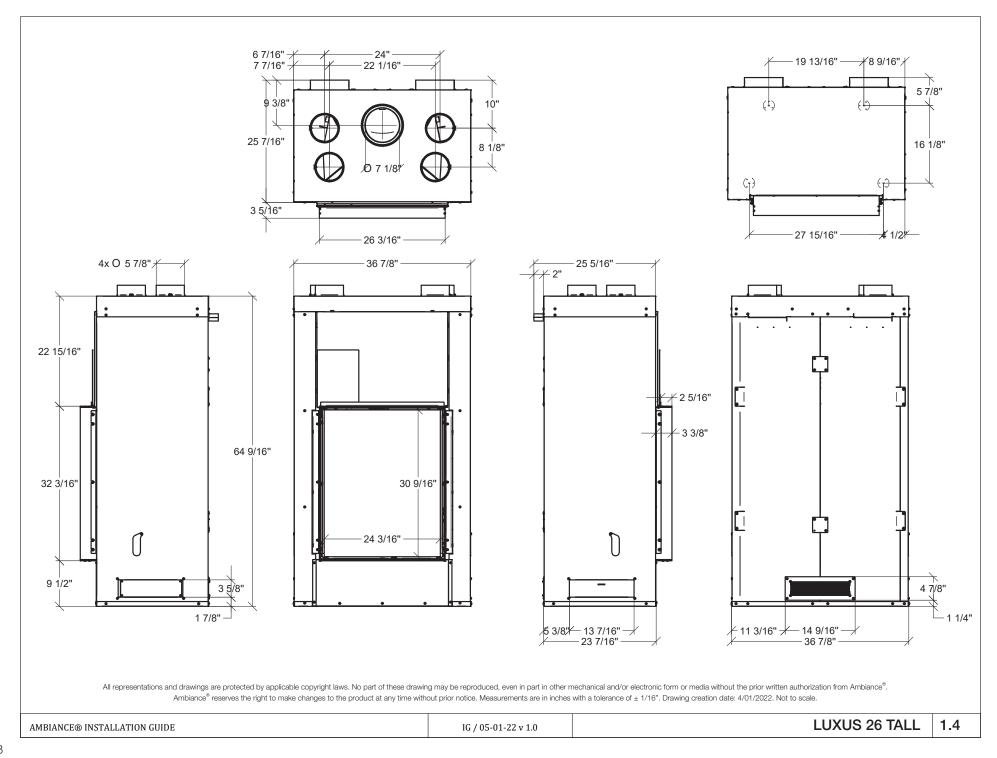
#### COLOR KEY

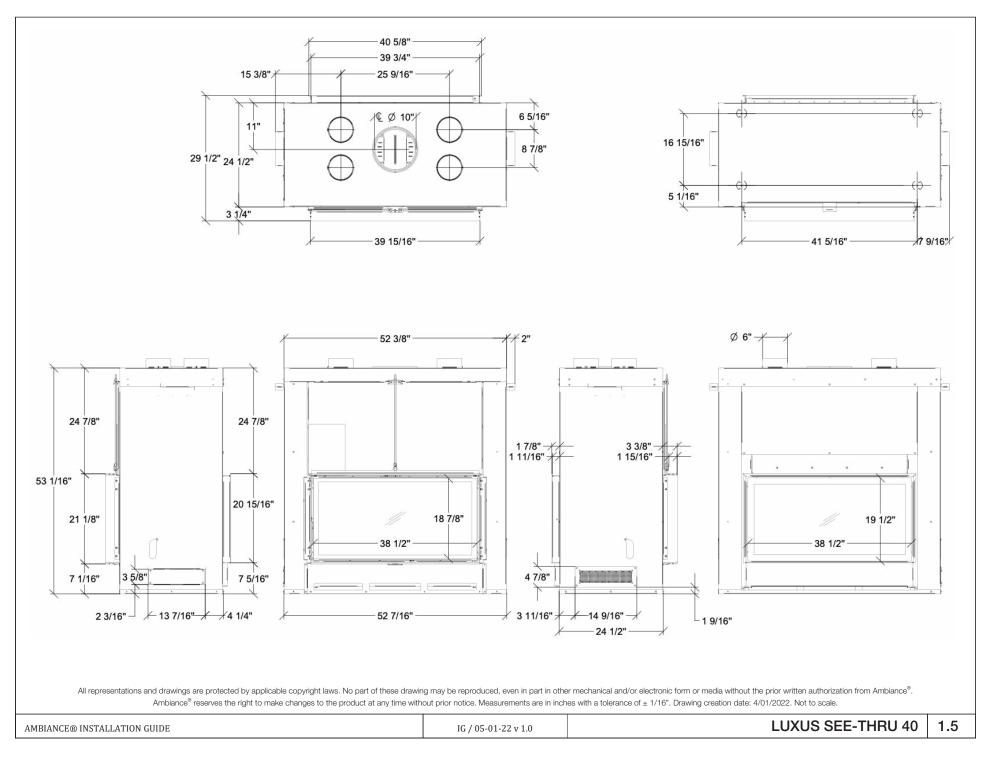
air spacer
convection air intake
convection air exhaust
chimney flue exhaust
combustion air intake
door lock bolt cover

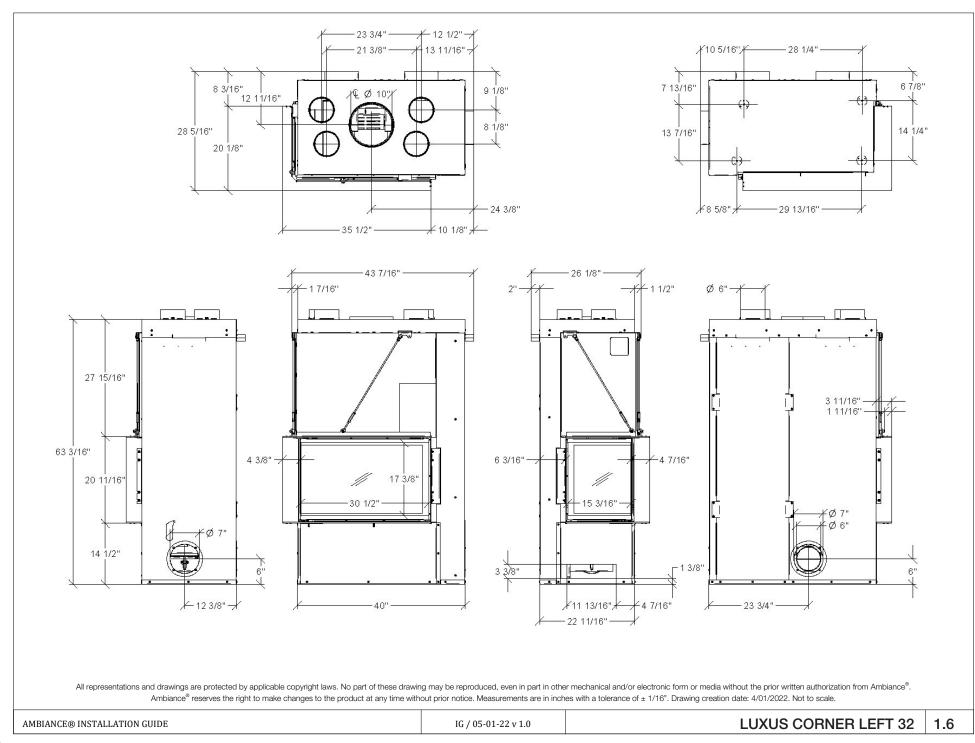


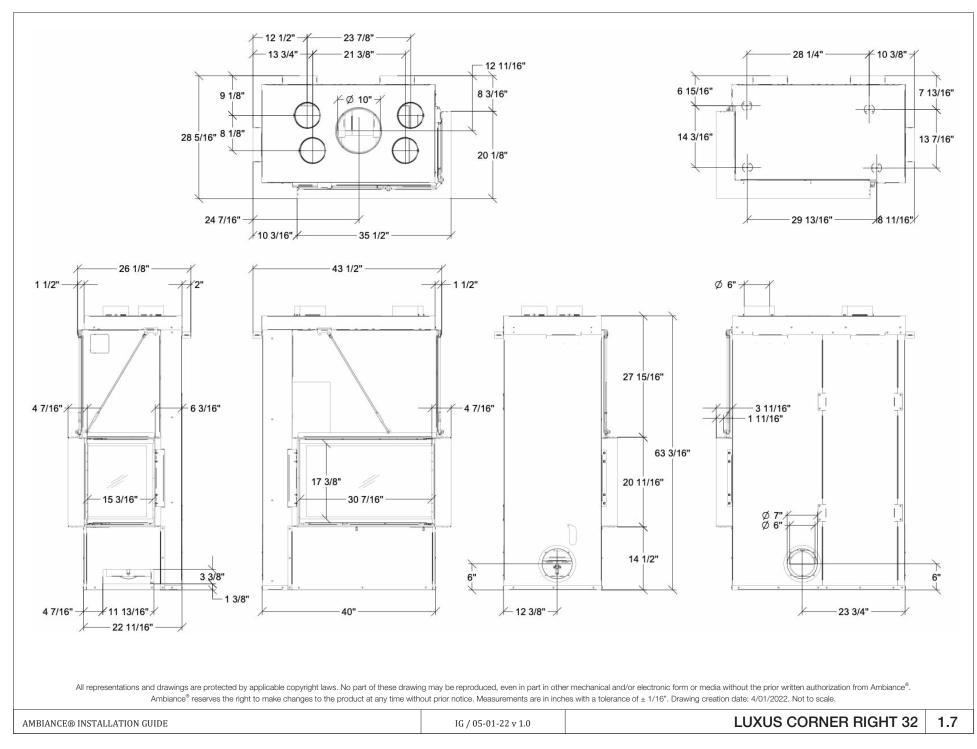


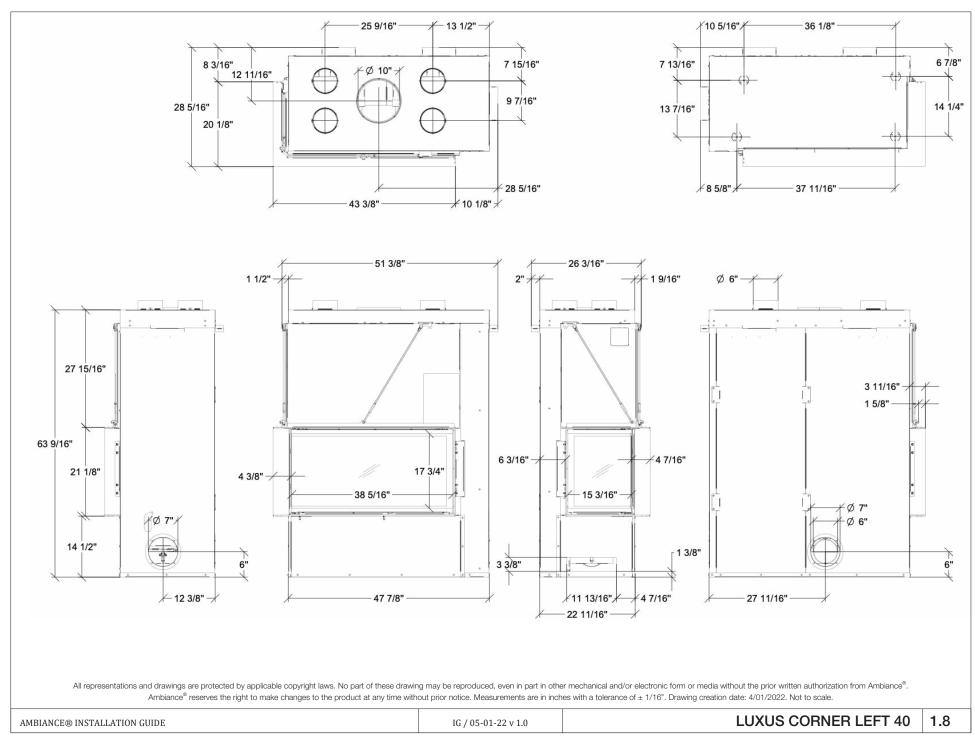


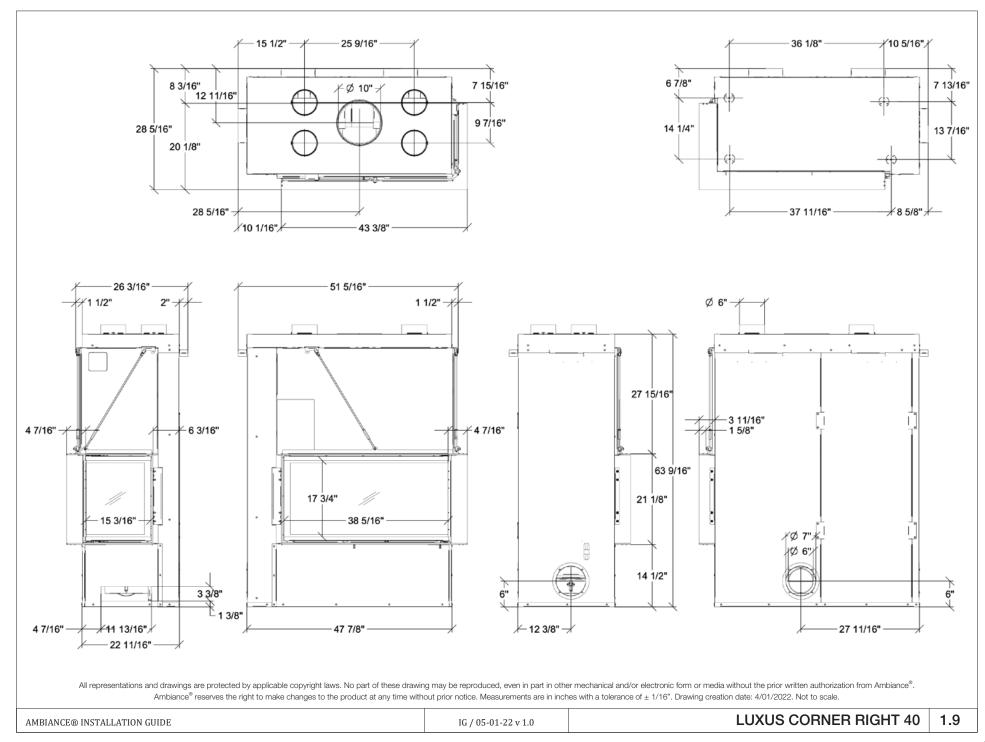


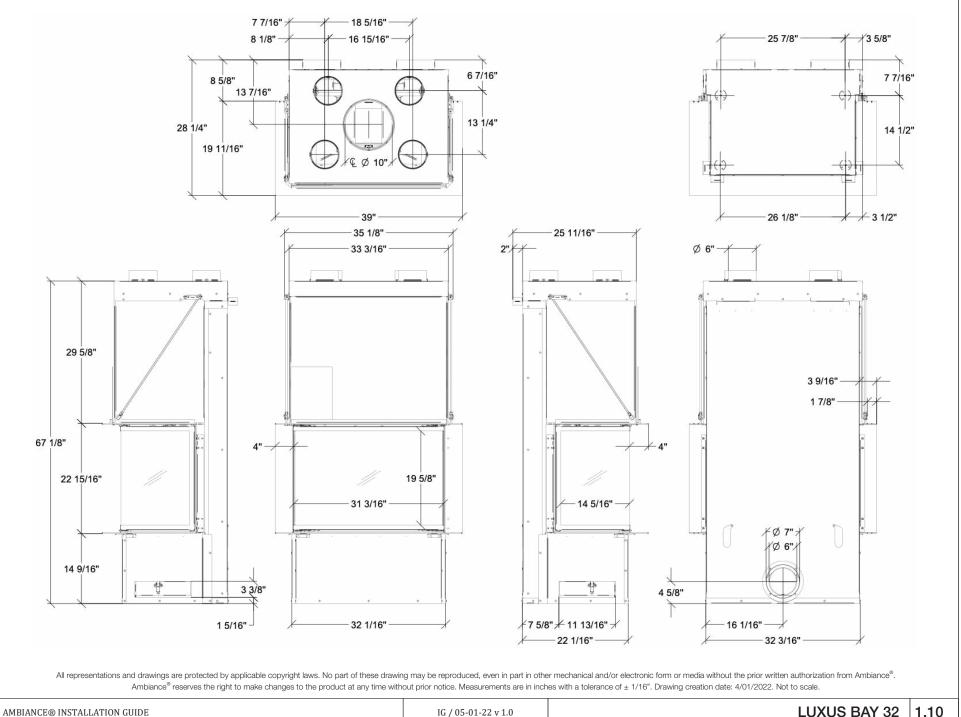






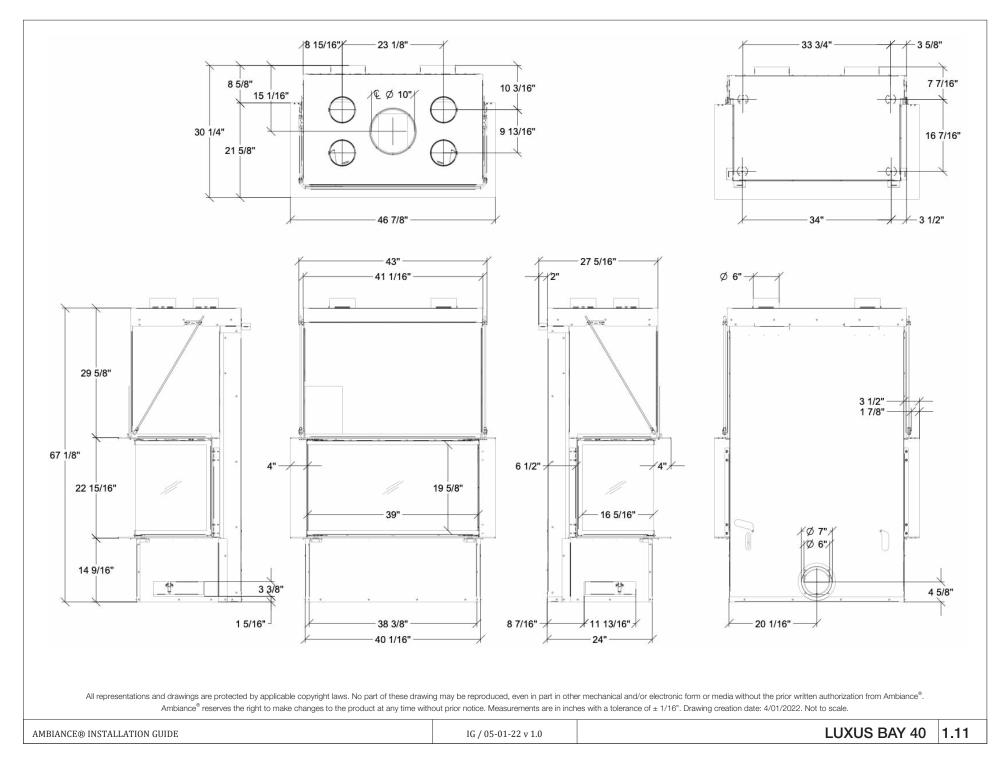


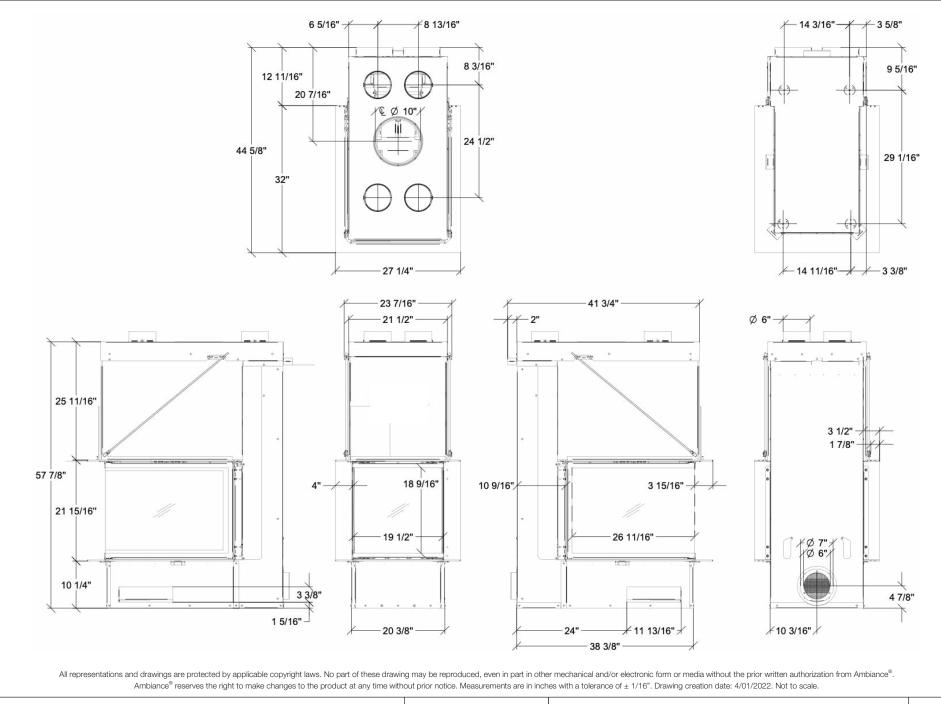




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LUXUS BAY 32 1.10

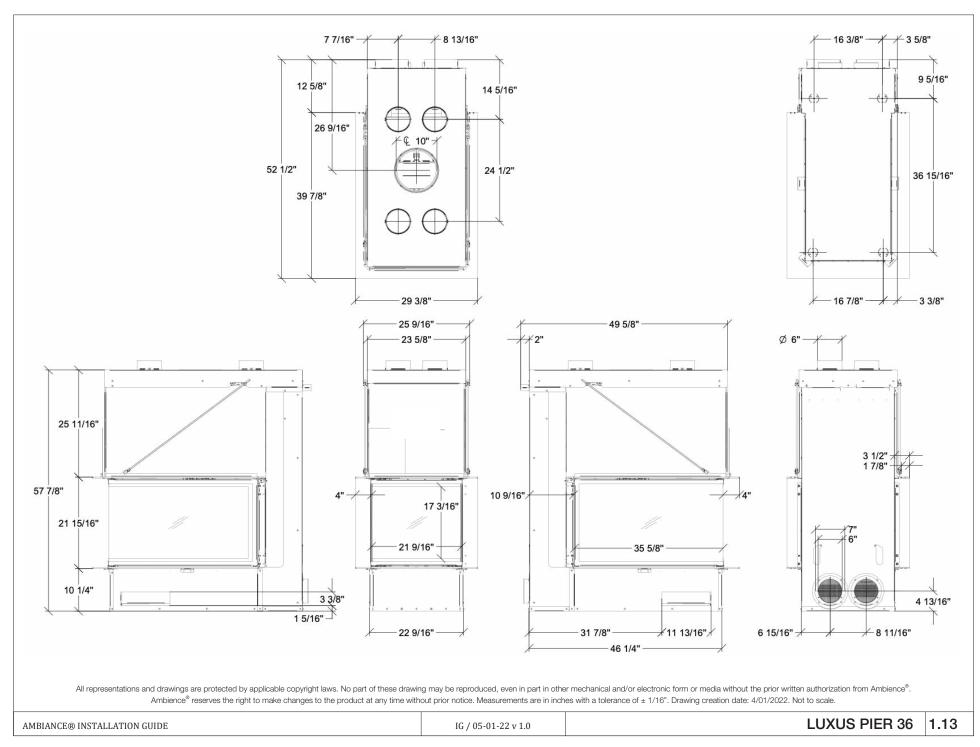




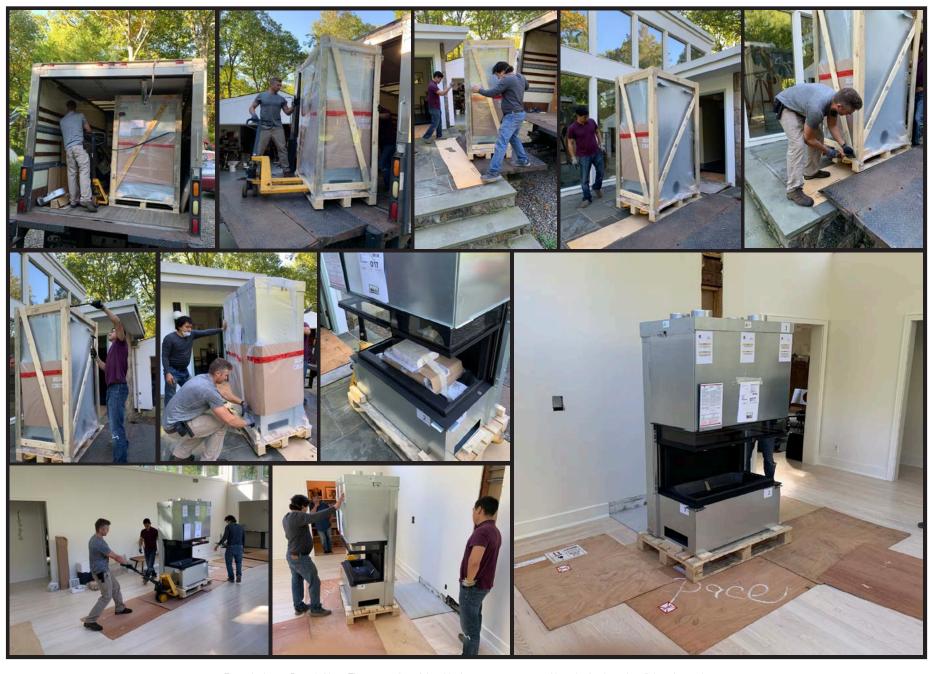
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LUXUS PIER 28 1.12

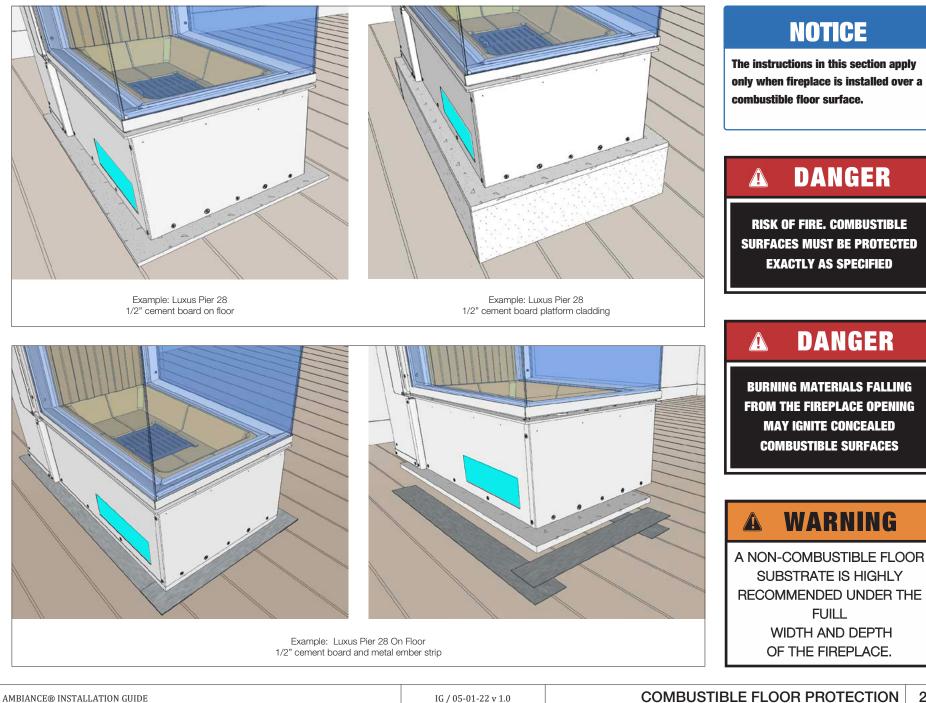






Example: Luxus Bay 40. Note: The top section of the shipping crate was removed in order for the unit to fit into the truck.

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COMBUSTIBLE FLOOR PROTECTION 2.3

Only non-combustible framing members shall be used to construct the internal framework.

Only non-combustible cladding materials shall be used on the exterior of the surround.

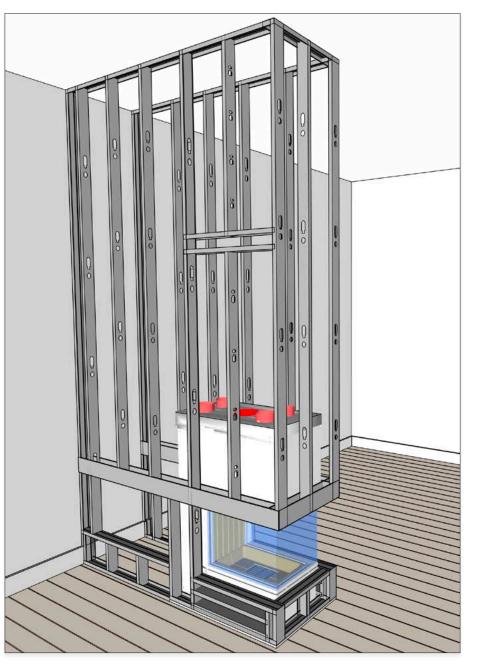
The surround cavity floor directly below the fireplace must be covered with a non-combustible material.

The whole of the surround cavity ceiling must be capped with a non-combustible material.

## NOTICE

Minimum distance between the convection air exhaust opening to the ceiling and combustibles is six and one-half inches (6-1/2").

Convection air exhaust plenum to be mounted on non-combustible framing members or metallic hanging straps with a minimum of six and one-half inches (6-1/2") from combustibles.



#### WARNING

FRAMING OR FINISHING MATERIALS SHALL NOT BE ATTACHED BY SCREWS OR GLUE DIRECTLY ONTO THE ZERO-CLEARANCE ENCLOSURE PANELS

## NOTICE

Corner, Bay and Peninsula models include a detachable metal door frame kit that extends approximately four inches (4") outward measured from the glass of the fireplace door.

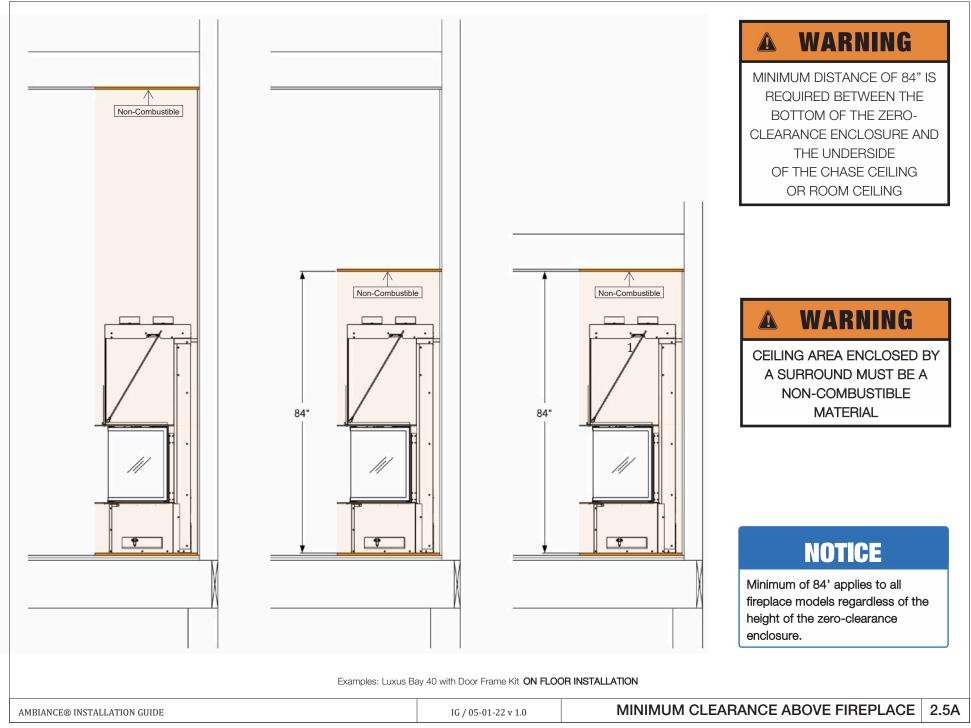
Fireplace surround design and hearth style will determine whether the frame kit is utilized or removed.

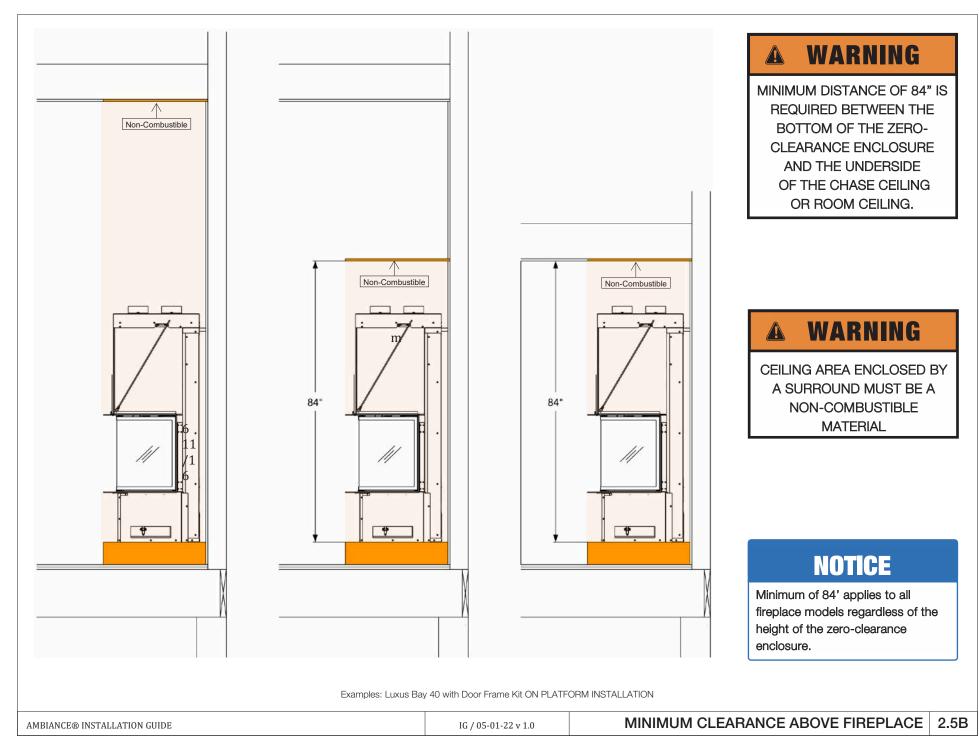
Ensure framing and finish cladding allow the doors to swing into the room in order to service and clean glass.

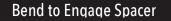
Check that frame kit is level before framing.

Fireplace frame kit can support up to 300lbs.

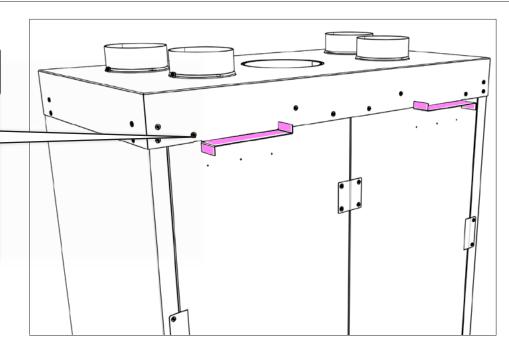
Example: Luxus Pier 28





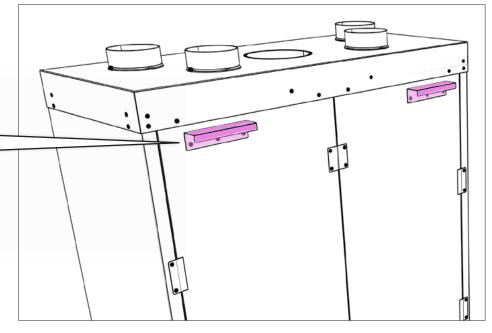


The bend to engage type spacer requires activation. It is a part of the top enclosure panel and must not be removed or altered in any way other than to engage it. You must bend it up into position and then bend the end tabs to keep it engaged.





The fixed type spacer is ready for use. It is permanently riveted to the enclosure panel and must not be removed or altered in any way.



### **DANGER**

YOU MUST MAINTAIN THE REQUIRED TWO INCH (2") CLEARANCE TO COMBUSTIBLE MATERIALS

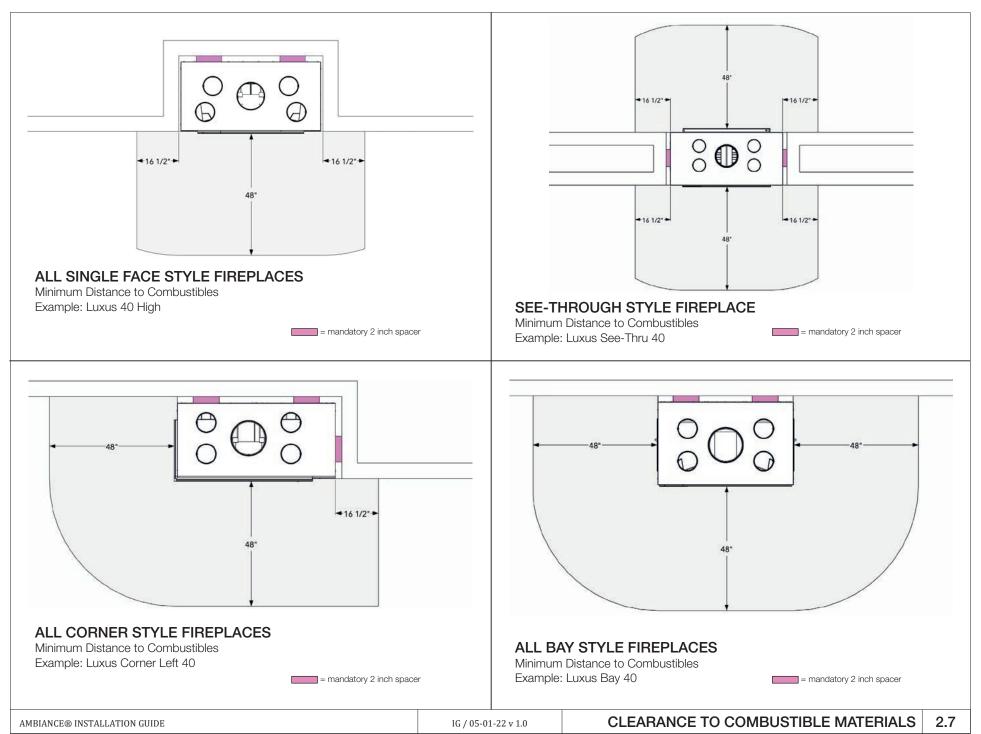
#### NOTICE

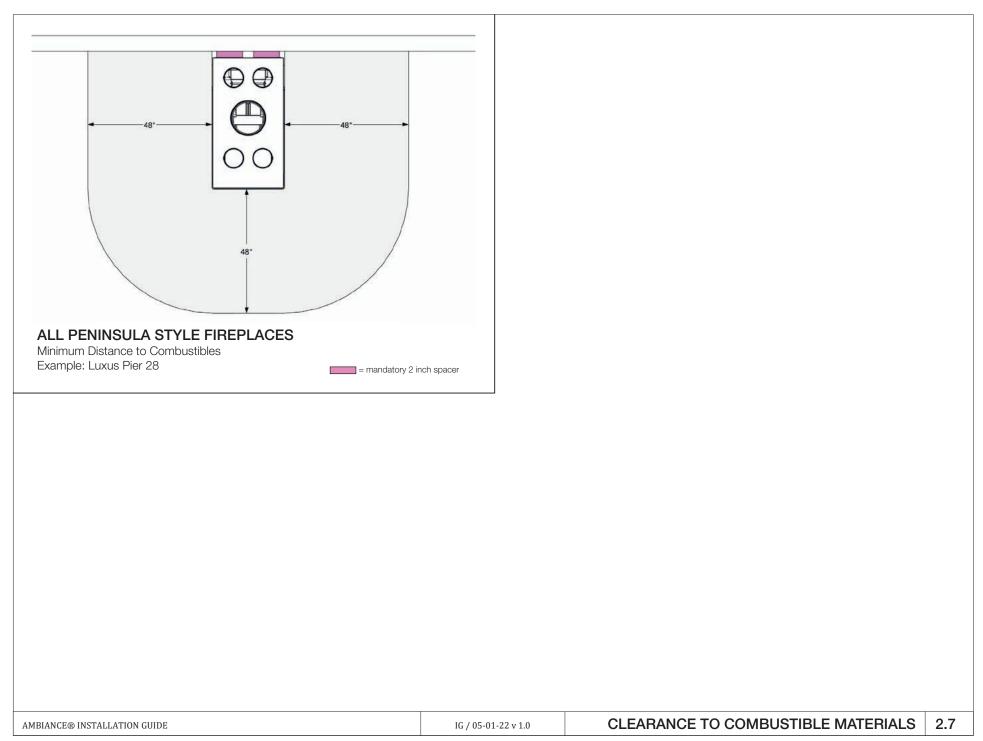
Enclosures may be fitted with either fixed or bend to engage type air clearance spacers.

Single-Face, Bay and Peninsula units maintain the minimum of two inches (2") of clearance at the rear of the enclosure.

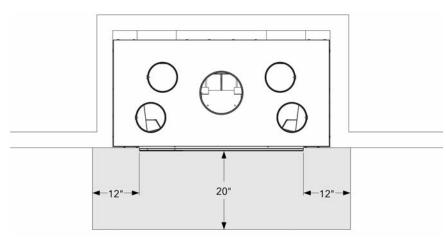
Corner units maintain the minimum of two inches (2") of clearance at the rear and one side of the enclosure.

See-Through unit maintains the minimum of two inches (2") of clearance at both sides of the enclosure.

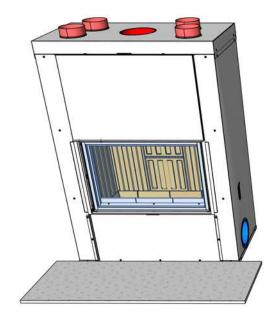




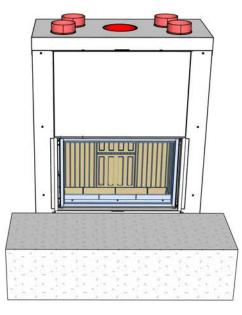
A non-combustible hearth extension in front of and to the sides of the fire chamber opening must be installed to protect a combustible floor from both radiant heat, embers and sparks.

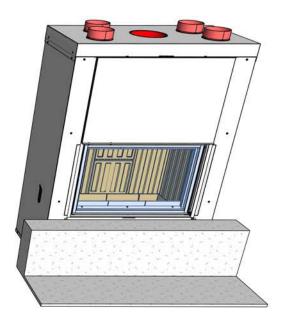


Minimum dimensions of non-combustible hearth extension measured from door glass. Models Luxus 40 High | Luxus 40 Low | Luxus 26 Tall

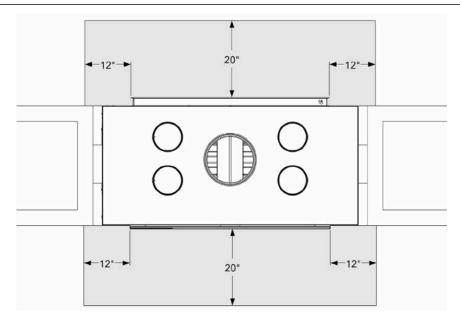


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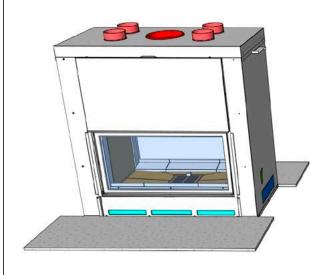


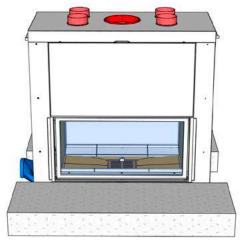


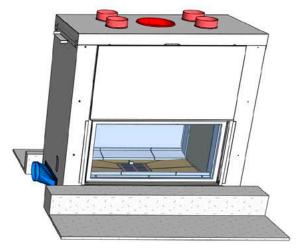
A non-combustible hearth extension in front of and to the sides of the fire chamber opening must be installed to protect a combustible floor from both radiant heat, embers and sparks.



Minimum dimensions of non-combustible hearth extension measured from door glass. Model Luxus See-Thru 40



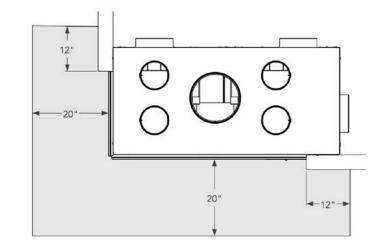




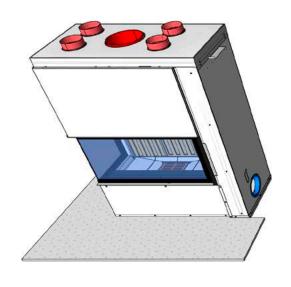
#### **VERSION 41, INCLUDES REQUESTED EDITS AS OF 4/26/22**

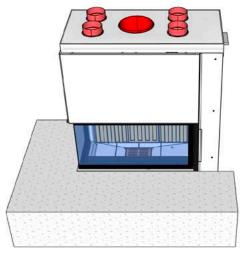
## NOTICE

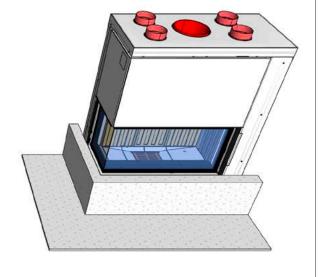
A non-combustible hearth extension in front of and to the sides of the fire chamber opening must be installed to protect a combustible floor from both radiant heat, embers and sparks.



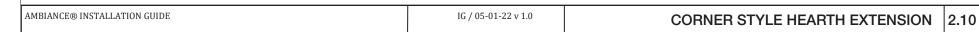
Minimum dimensions of non-combustible hearth extension measured from door glass. Models Luxus Corner Right 32 | Luxus Corner Left 32 | Luxus Corner Right 40 | Luxus Corner Left 40



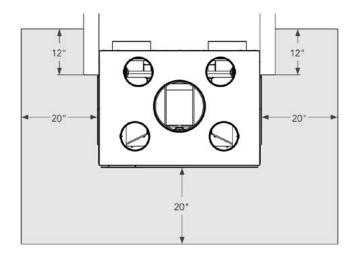




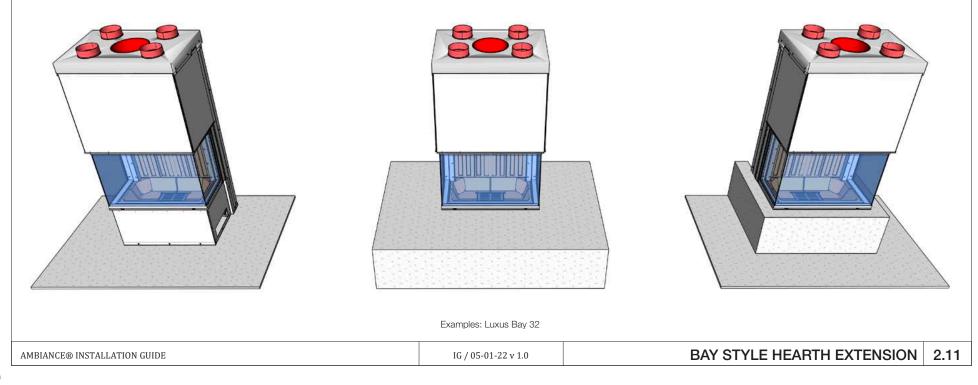
Examples: Luxus Corner LEFT 40



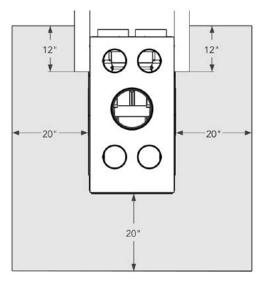
A non-combustible hearth extension in front of and to the sides of the fire chamber opening must be installed to protect a combustible floor from both radiant heat, embers and sparks.



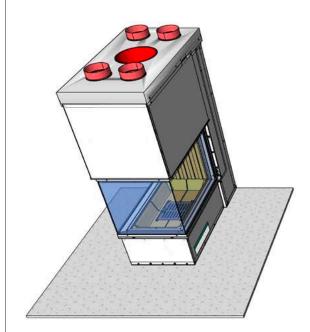
Minimum dimensions of non-combustible hearth extension measured from door glass. Models Luxus Bay 32 | Luxus Bay 40

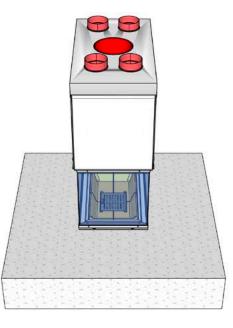


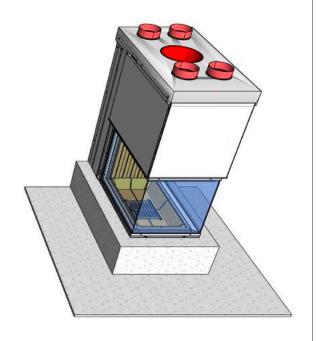
A non-combustible hearth extension in front of and to the sides of the fire chamber opening must be installed to protect a combustible floor from both radiant heat, embers and sparks.



Minimum dimensions of non-combustible hearth extension measured from door glass. Models Luxus Pier 28 | Luxus Pier 36





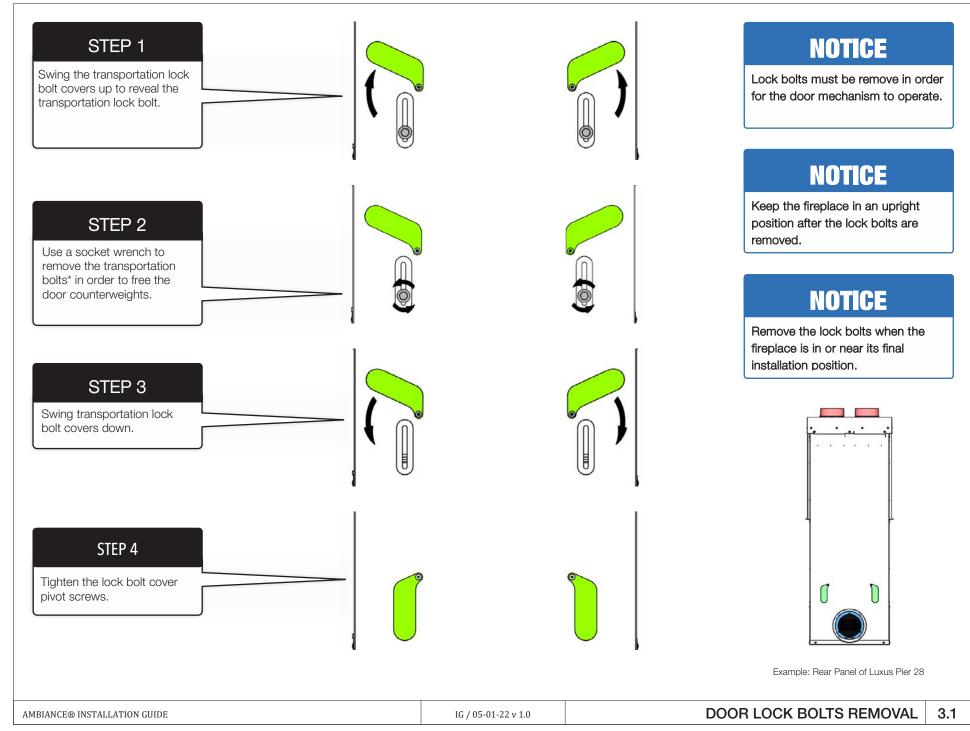


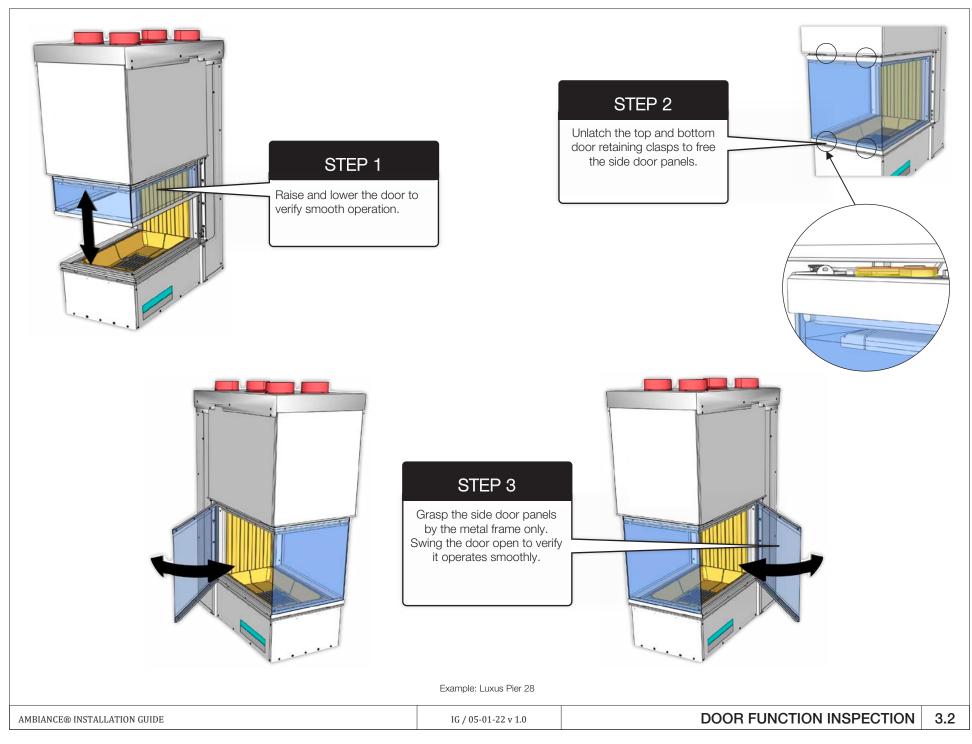
Examples: Luxus Pier 28

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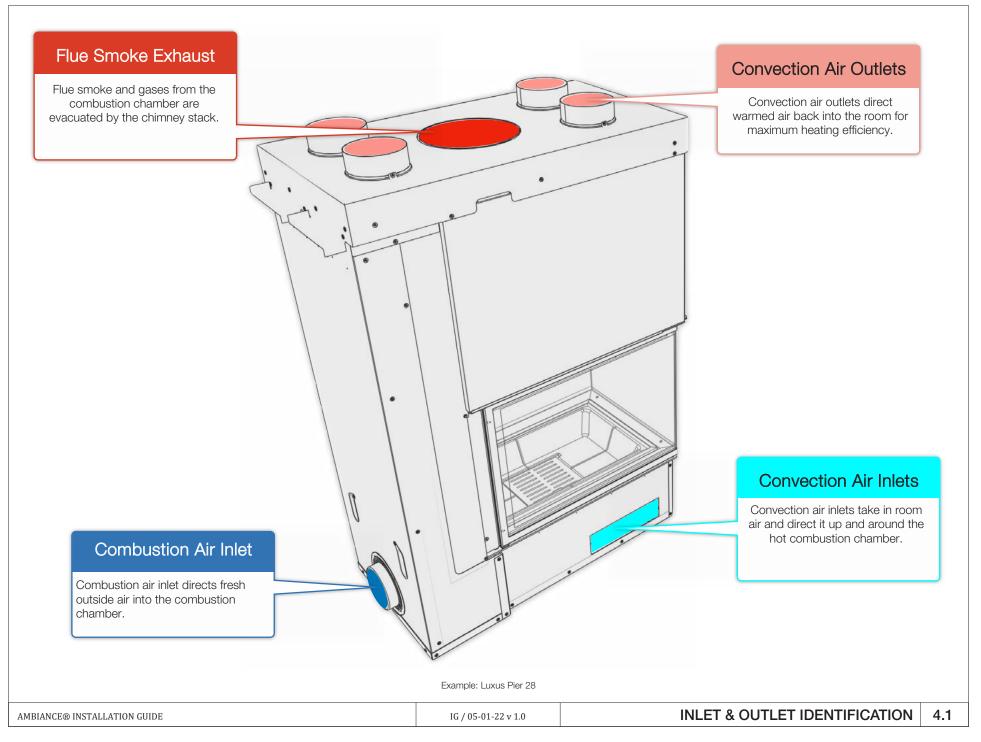
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PENINSULA STYLE HEARTH EXTENSION 2.12





#### **INLET & OUTLET IDENTIFICATION**



#### AIR SYSTEMS PORT DIMENSIONS

SINGLE-SIDED	COMBUSTION AIR INLET	FLUE SMOKE EXHAUST	CONVECTION AIR INLETS	CONVECTION AIR OUTLETS
Luxus 40 High	Under Mount Connector	Ø10"	two @ 6" round	four @ Ø 6"
Luxus 40 Low	Rectangular to Round Connector	Ø8"	two @ 11-5/16"x 3-3/8"	four @ Ø 6"
Luxus 26 Tall	Rectangular to Round Connector	Ø8"	two @ 13-7/16"x 3-5/8"	four @ Ø 6"

SEE-THROUGH	COMBUSTION AIR INLET	FLUE SMOKE EXHAUST	CONVECTION AIR INLETS	CONVECTION AIR OUTLETS
Luxus See-Thru 40	Rectangular to Round Connector	Ø10"	two @ 11-5/16"x 3-3/8"	four @ Ø 6"

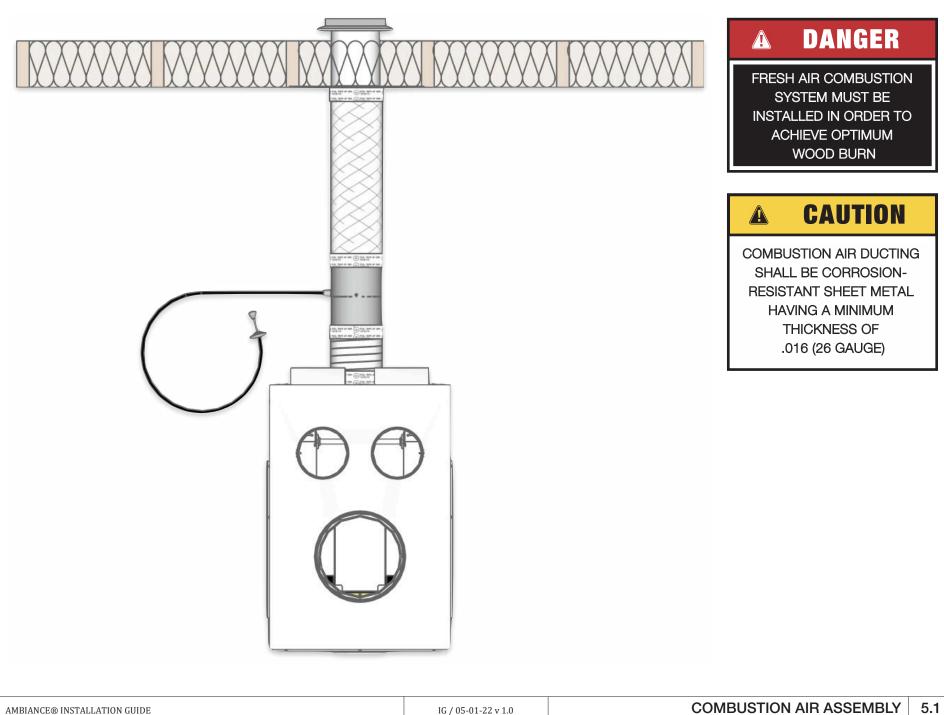
CORNER	COMBUSTION AIR INLET	FLUE SMOKE EXHAUST	CONVECTION AIR INLETS	CONVECTION AIR OUTLETS
Luxus Corner Left 32	Under Mount Connector	Ø10"	two @ 6" round	four @ Ø 6"
Luxus Corner Right 32	Under Mount Connector	Ø10"	two @ 6" round	four @ Ø 6"
Luxus Corner Left 40	Under Mount Connector	Ø10"	two @ 6" round	four @ Ø 6"
Luxus Corner Right 40	Under Mount Connector	Ø10"	two @ 6" round	four @ Ø 6"

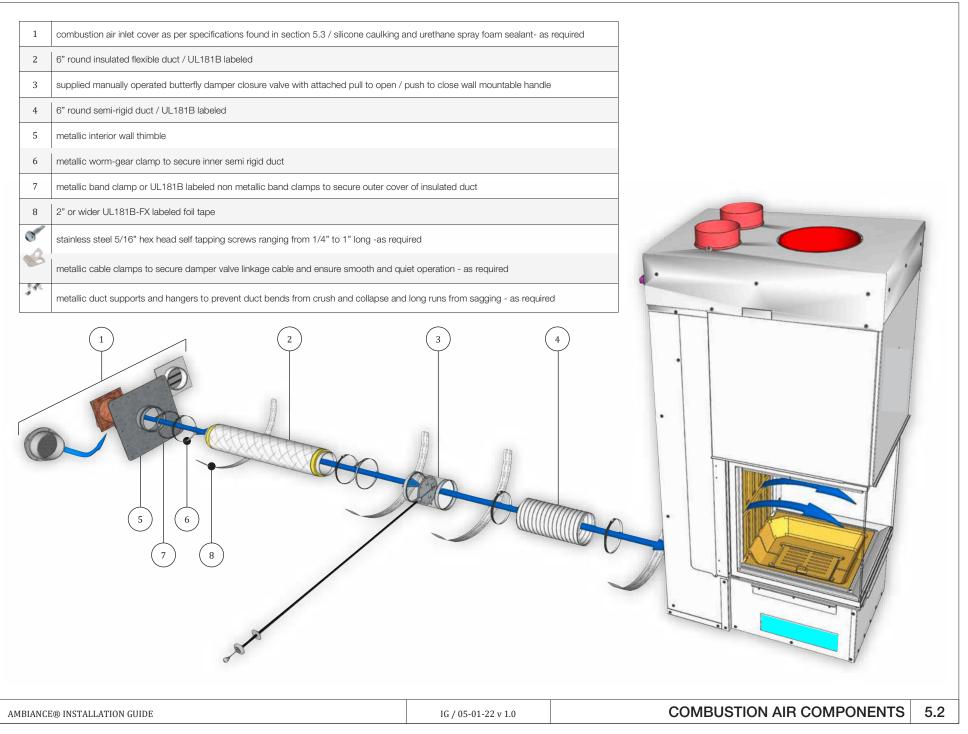
BAY	COMBUSTION AIR INLET	FLUE SMOKE EXHAUST	CONVECTION AIR INLETS	CONVECTION AIR OUTLETS
Luxus Bay 32	Under Mount Connector	Ø10"	two @ 11-5/16"x 3-3/8"	four @ Ø 6"
Luxus Bay 40	Under Mount Connector	Ø10"	two @ 11-5/16"x 3-3/8"	four @ Ø 6"

PENINSULA	COMBUSTION AIR INLET	FLUE SMOKE EXHAUST	CONVECTION AIR INLETS	CONVECTION AIR OUTLETS
Luxus Pier 28	Collar Connector	Ø10"	two @ 11-5/16"x 3-3/8"	four @ Ø 6"
Luxus Pier 36	Collar	Ø10"	two @ 11-5/16"x 3-3/8"	four @ Ø 6"

AMBIANCE® INSTALLATION GUIDE	IG / 05-01-22 v 1.0	AIR SYSTEMS PORT DIMENSIONS	4.2
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EXAMPLE OF COMBUSTION AIR CONNECTION. Not unit specific.





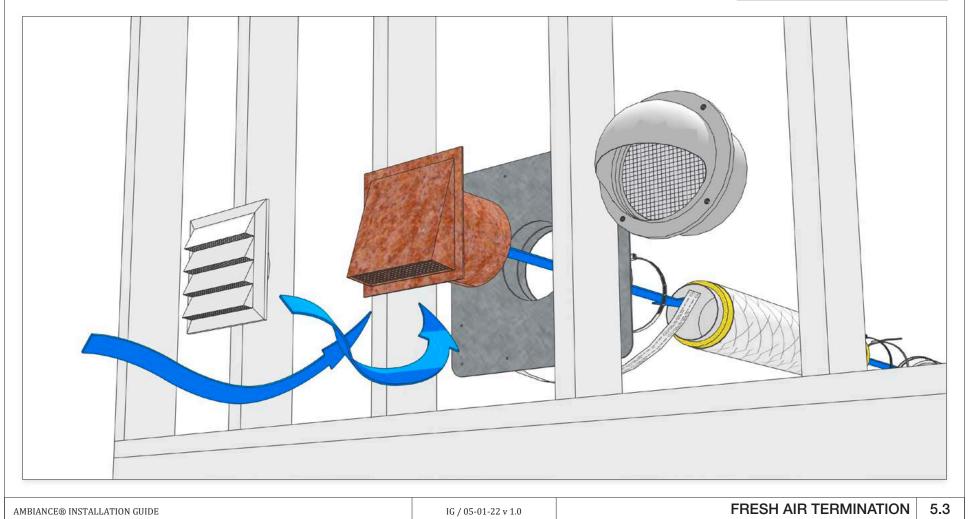
Preferred Termination Location: outside wall which is free from snow, leaves or debris

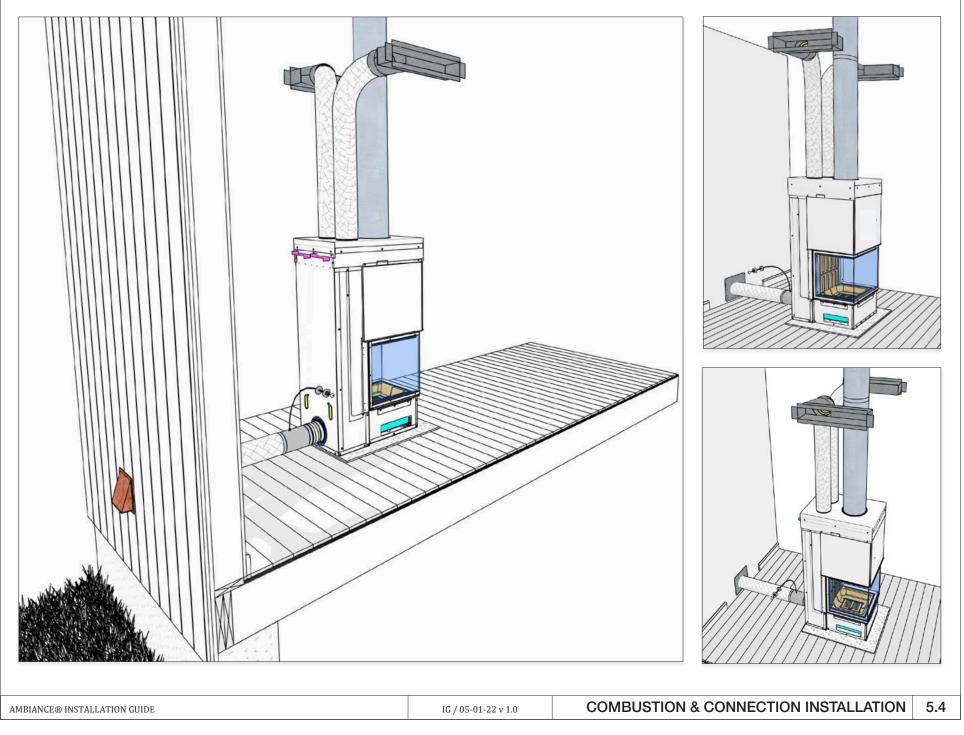
Alternative Termination Location: non-mechanically ventilated crawl space free of combustible liquids

NO!: any attic space NO!: garage space NO!: combustible liquid storage space NO!: basement space

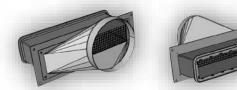


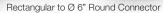
TERMINATION CAP MUST HAVE A MINIMUM FREE AIR FLOW OF 28.26 SQ INCHES AND A 1/4" x 1/4" MESH RODENT SCREEN. SMALLER SCREENS NOT PERMISSIBLE





SINGLE-SIDED	CONNECTOR TYPE	CONNECTION LOCATION OPTIONS
Luxus 40 High	Under Mount	Rear
Luxus 40 Low	Rectangular to Round	Left Side, Right Side or Rear 2x
Luxus 26 Tall	Rectangular to Round	Left Side or Right Side





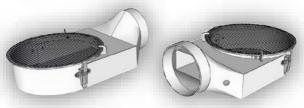
SEE-THROUGH	CONNECTOR TYPE	CONNECTION LOCATION OPTIONS
Luxus See-Thru 40	Rectangular to Round	Left Side or Right Side

CORNER	CONNECTOR TYPE	CONNECTION LOCATION OPTIONS
Luxus Corner Left 32	Under Mount	Rear or Left Side
Luxus Corner Right 32	Under Mount	Rear or Left Side
Luxus Corner Left 40	Under Mount	Rear or Left Side
Luxus Corner Right 40	Under Mount	Rear or Left Side

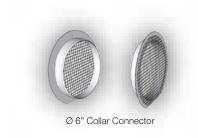
BAY	CONNECTOR TYPE	CONNECTION LOCATION OPTIONS
Luxus Bay 32	Under Mount	Rear
Luxus Bay 40	Under Mount	Rear

PENINSULA	CONNECTOR TYPE	CONNECTION LOCATION OPTIONS
Luxus Pier 28	Collar	Rear
Luxus Pier 36	Collar	Rear x 2

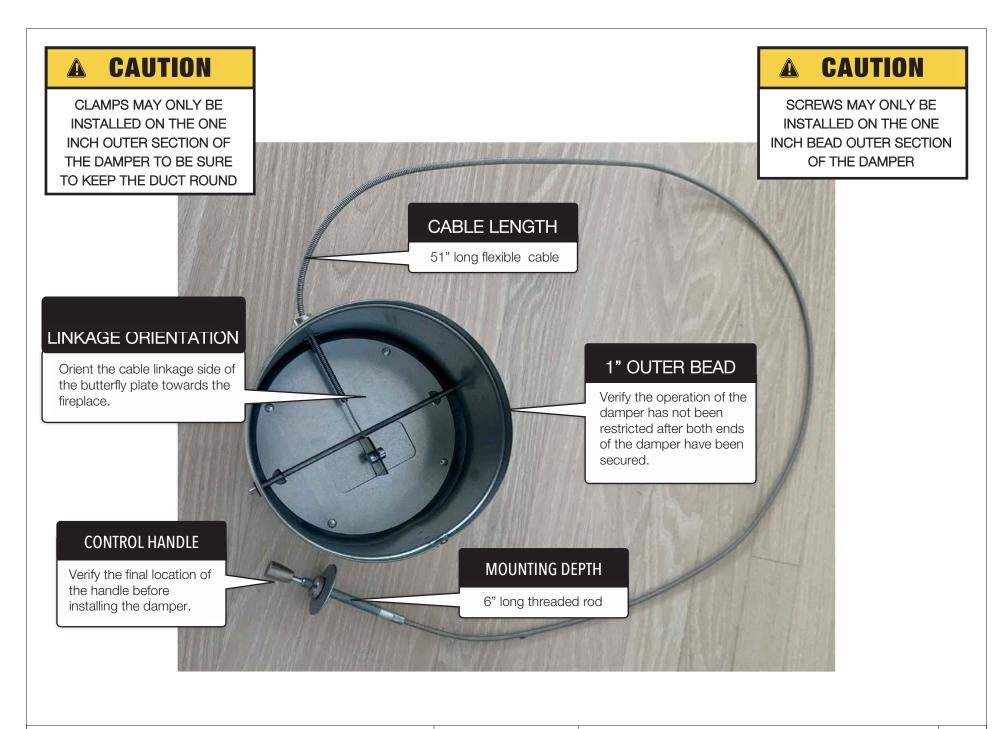
Models that utilize the under mount connector require that the rear, left or right side panel be temporarily removed to make the duct connection.



Ø 6" Under Mount Connector

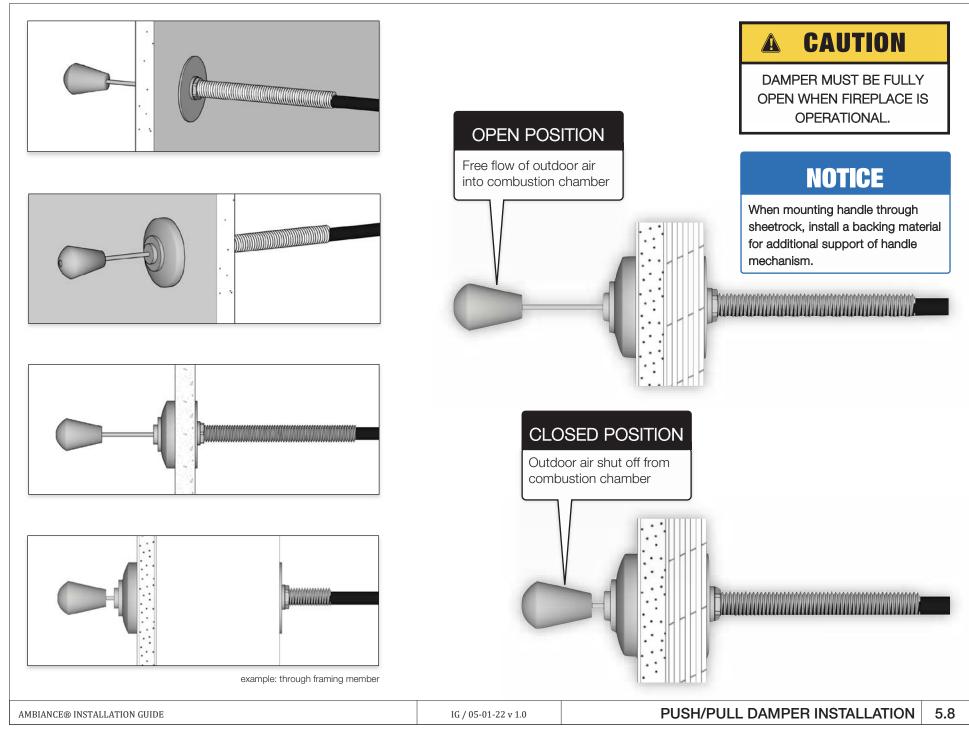




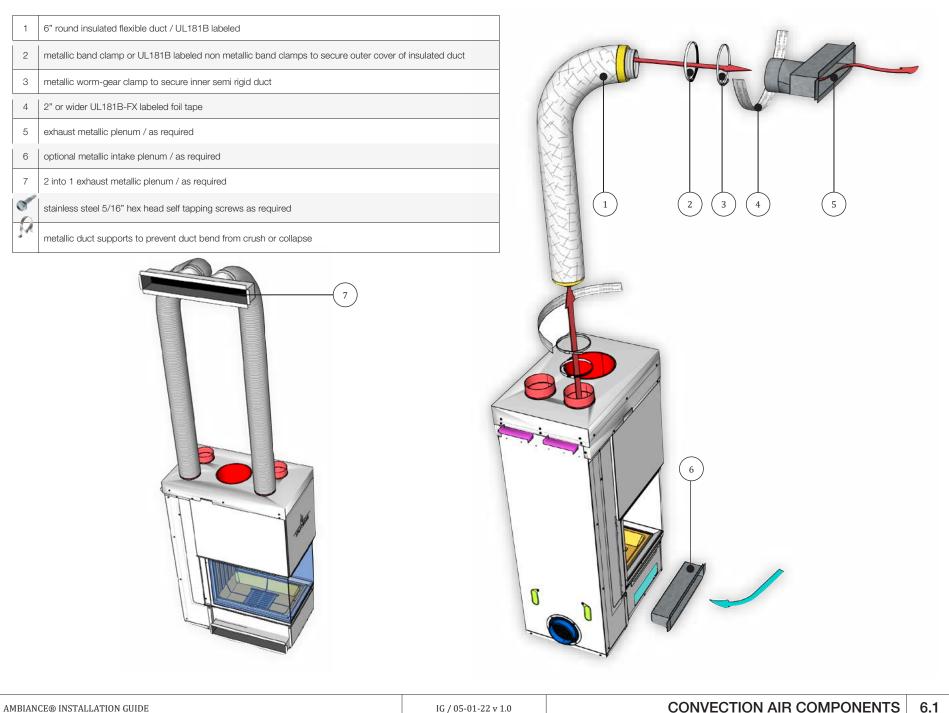


AMBIANCE® INSTALLATION GUIDE

## **VERSION 41, INCLUDES REQUESTED EDITS AS OF 4/26/22**



#### EXAMPLE OF CONVECTION PIPE INSTALLATION. NOT UNIT SPECIFIC.



#### REQUIRED CONVECTION OPENINGS IN THE CHASE.

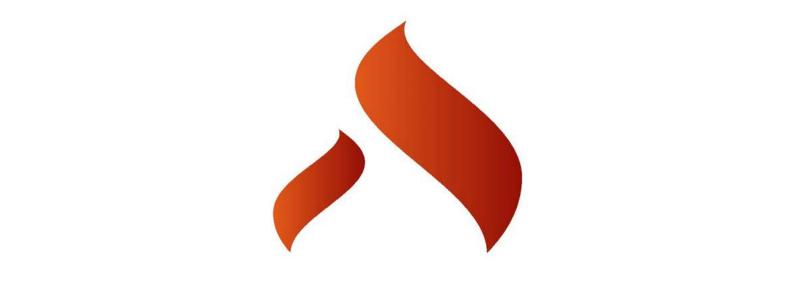
SINGLE-SIDED	NET FEE AREA OF CONVECTION AIR INTAKE INCLUDING GRILL	CONVECTION AIR OUTLETS
Luxus 40 High	84 sq.inches or more	113.2 sq.inches or more
Luxus 40 Low	84 sq.inches or more	113.2 sq.inches or more
Luxus 26 Tall	84 sq.inches or more	113.2 sq.inches or more

SEE-THROUGH	NET FEE AREA OF CONVECTION AIR INTAKE INCLUDING GRILL	CONVECTION AIR OUTLETS
Luxus See-Thru 40	84 sq.inches or more	113.2 sq.inches or more

CORNER	NET FEE AREA OF CONVECTION AIR INTAKE INCLUDING GRILL	CONVECTION AIR OUTLETS
Luxus Corner Left 32	84 sq.inches or more	113.2 sq.inches or more
Luxus Corner Right 32	84 sq.inches or more	113.2 sq.inches or more
Luxus Corner Left 40	84 sq.inches or more	113.2 sq.inches or more
Luxus Corner Right 40	84 sq.inches or more	113.2 sq.inches or more

BAY	NET FEE AREA OF CONVECTION AIR INTAKE INCLUDING GRILL	CONVECTION AIR OUTLETS
Luxus Bay 32	84 sq.inches or more	113.2 sq.inches or more
Luxus Bay 40	84 sq.inches or more	113.2 sq.inches or more

PENINSULA	NET FEE AREA OF CONVECTION AIR INTAKE INCLUDING GRILL	CONVECTION AIR OUTLETS
Luxus Pier 28	84 sq.inches or more	113.2 sq.inches or more
Luxus Pier 36	84 sq.inches or more	113.2 sq.inches or more



# AMBIANCE® FIREPLACES | GRILLS

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