ZCVRB47 Locating Your Appliance

LOCATION KEY:

A. Flat on Wall

B. Across the Corner

C. As an Island

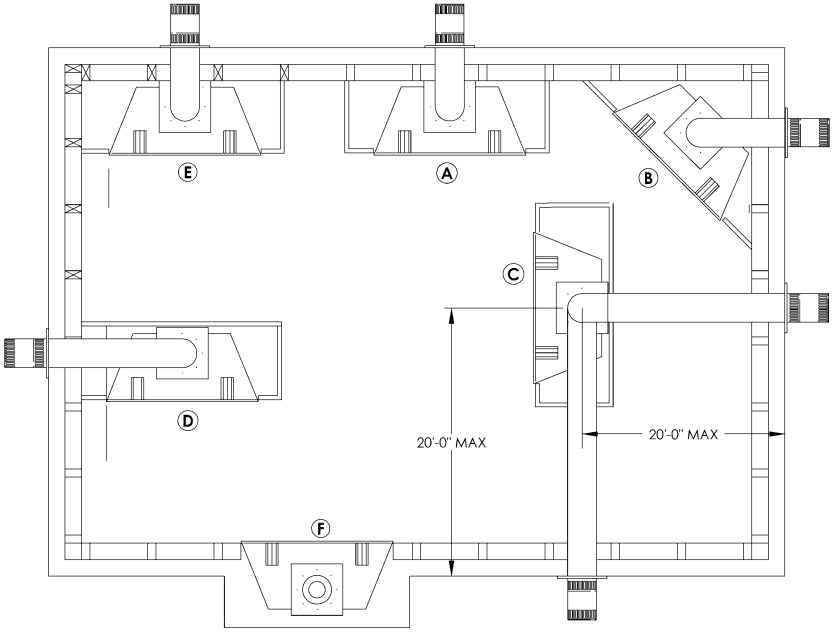
D. As a Room Divider

E. Flat on Wall Corner

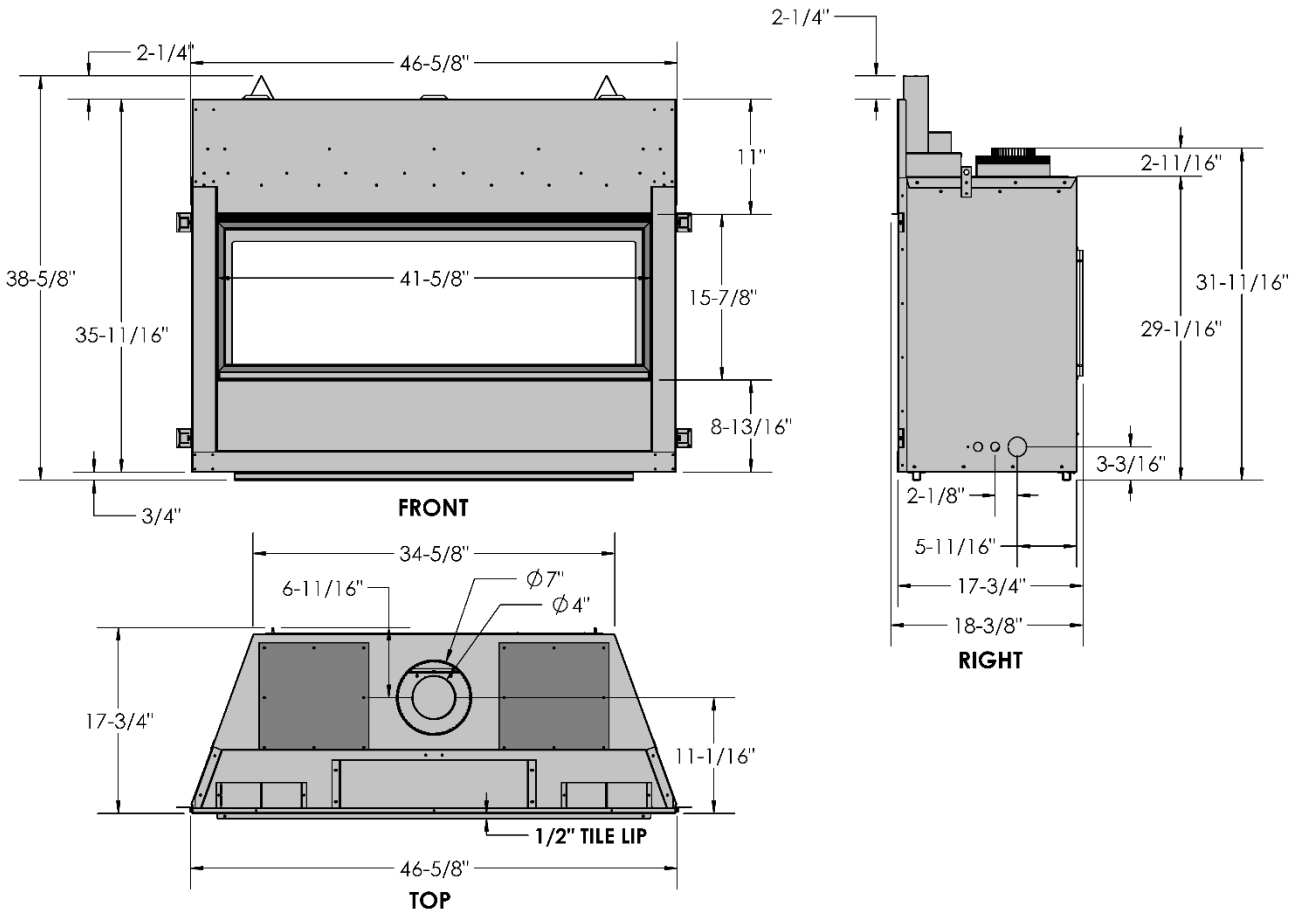
F. Exterior Wall

See Mantel Leg Clearances Instruction for the proper placement of fireplace.

Island installation with a top vent is possible as long as the horizontal portion of the vent system does not exceed 20 feet (6.1 m).



ZCVRB47 Fireplace Dimensions



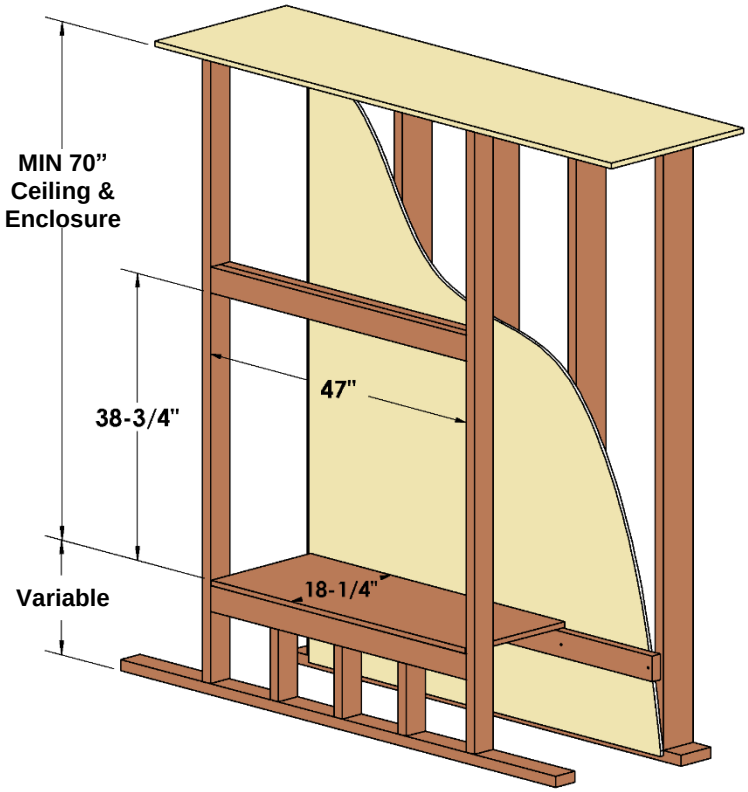
ZCVRB47- Framing Dimensions –Unvented Chase-Ventilation Plates In Place- As Shipped

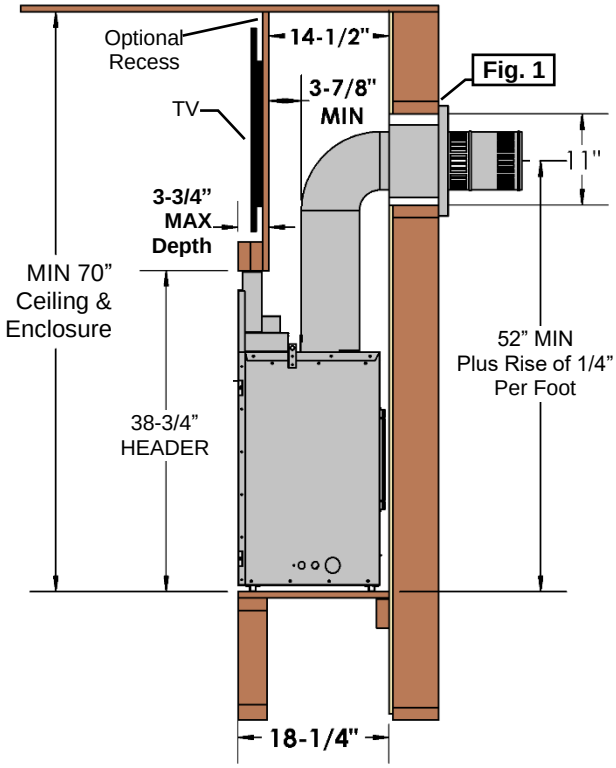
Determine whether face of fireplace will be:

- Flush with finished wall (e.g., for surround, cultured stone or other non-combustible covering).
- Flush with framing (to be covered with concrete board for a Flat Wall appearance).
- Refer to Nailing Tab Guide section also.

ELECTRICAL WIRES IN CHASE MUST BE PROPERLY ATTACHED TO INSIDE WALL OF CHASE. DO NOT RUN WIRES ABOVE THE APPLIANCE.

These structures are not load bearing.

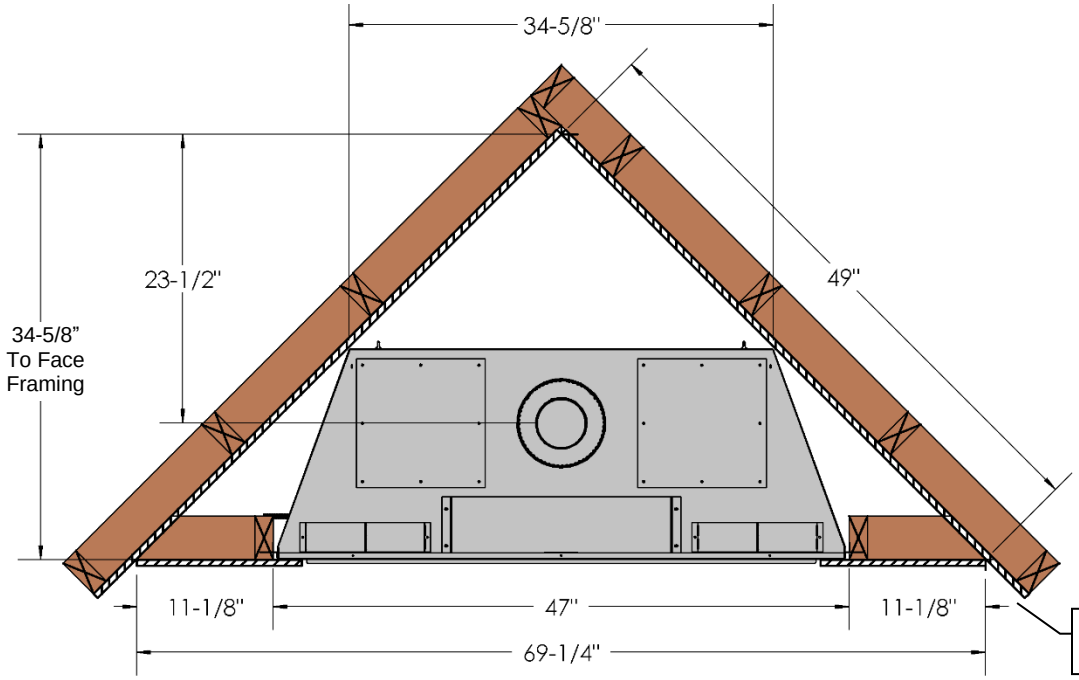


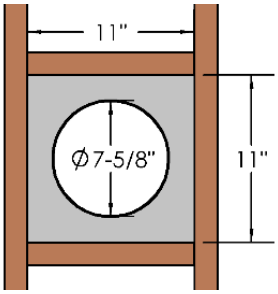


Note: If using optional surround, maximum thickness for non-combustible material is 1-1/8".

Vertical Venting MUST maintain 1" clearance to combustibles.

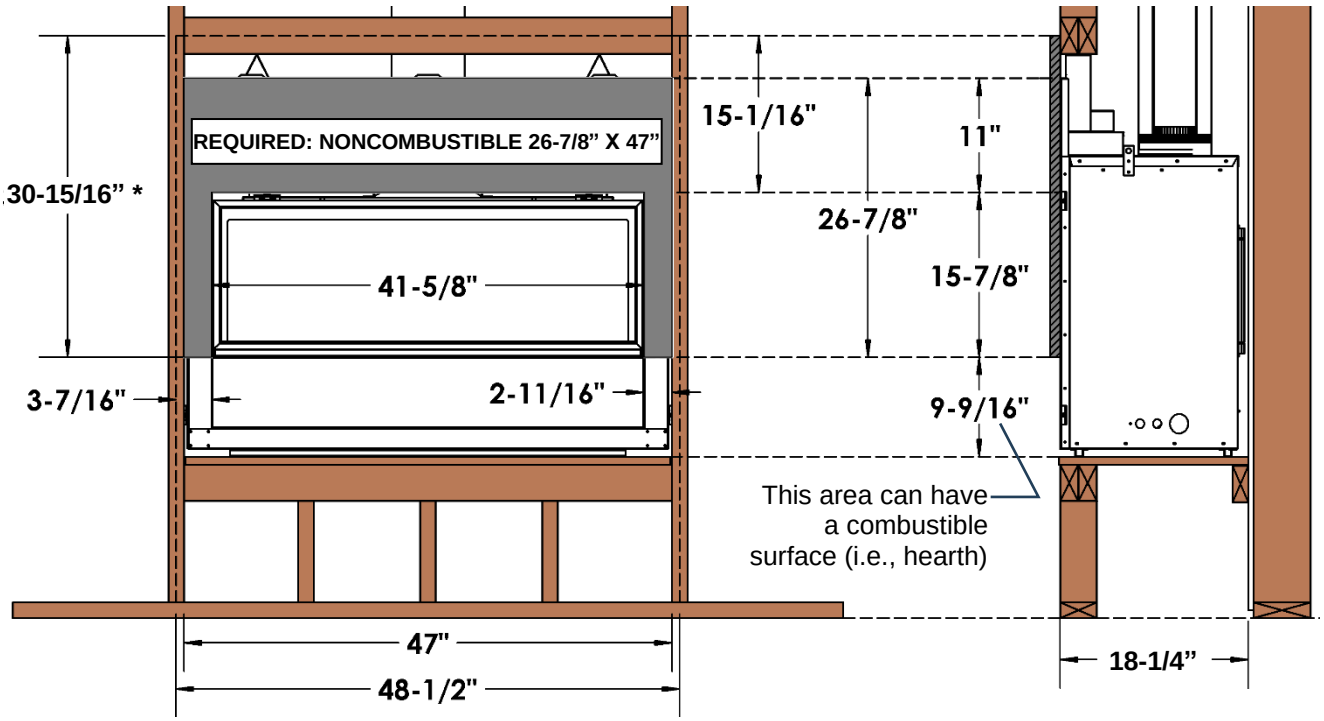
Fig.1
Framing for Horizontal Vent Termination
(See **Installation of Side Wall Venting** Section)

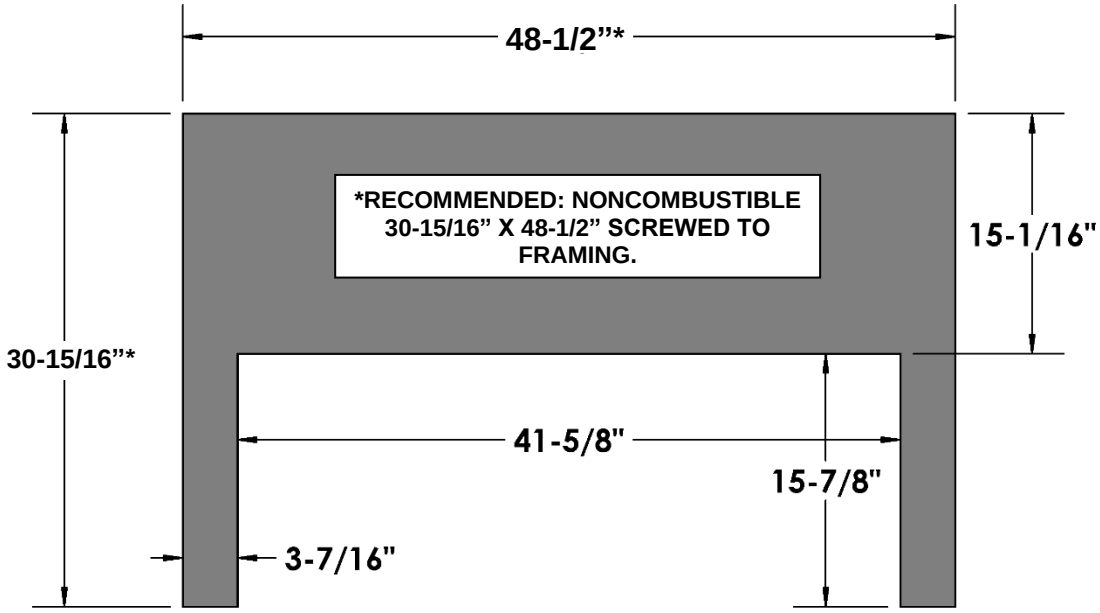




ZCVRB47 Facing Requirements for Non-Vented Chase
Fireplace is installed As Shipped, with Ventilation Plates in place.

ANY MATERIALS COVERING THE FACE OF THE FIREPLACE MUST BE NON-COMBUSTIBLE (I.E., BRICK, STONE, TILE, CONCRETE BOARD) AS SHOWN BELOW.





Note: Do not drive excessively long screws into the face of the unit as internal parts may be damaged.

ZCVRB47 -Mantel Clearances –Unvented Chase- Ventilation Plates In Place -As Shipped

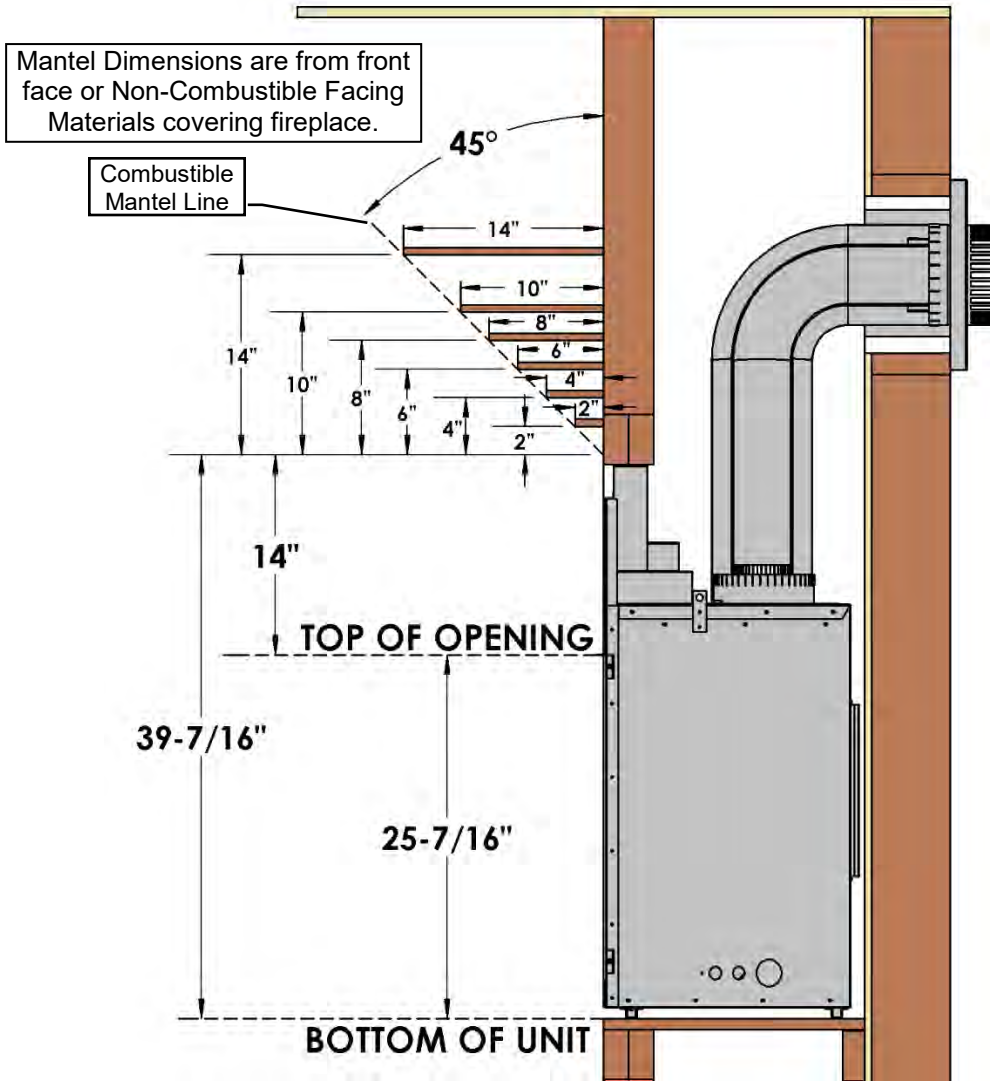
Before installing any mantels it is important to determine the combustibility of its material(s). There are two types of mantels to consider: Combustible and Non-Combustible.

A **Combustible Mantel** is one that consists of material(s) that may discolor, combust, or lose its integrity in the presence of heat. These types of mantels must strictly conform to the dimensional requirements shown.

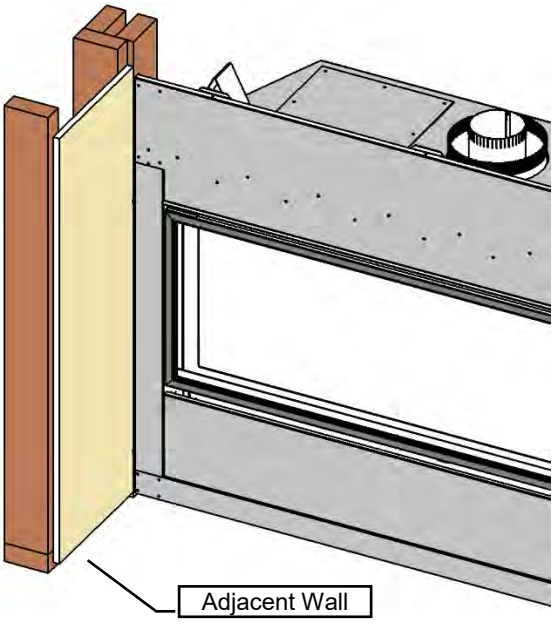
Conversely, a **Non-Combustible Mantel** is one that is constructed with material(s) that will not combust. Check your local codes and regulations to determine whether your mantel is Combustible or Non-Combustible.

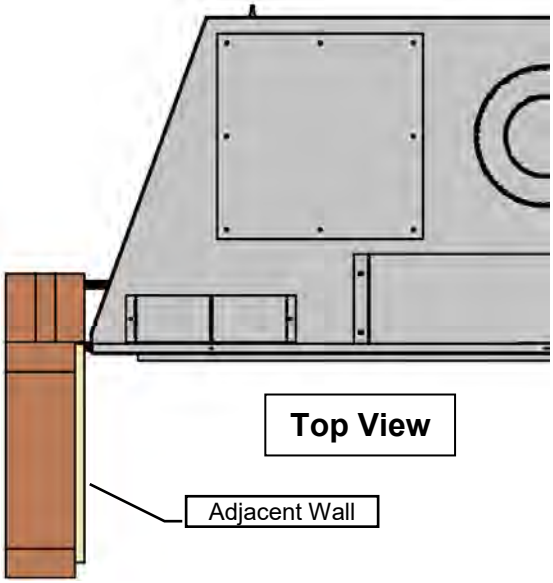
The advantage to Non-Combustible Mantels is that it may extend right up to the tile lip of the fireplace. Combustible mantels must adhere to the dimensional restrictions shown.

⚠-Combustible Objects on Non-Combustible Mantel Warning-
Combustible objects must not be placed on a Non-combustible Mantel unless the mantel meets the dimensional requirements for a Combustible Mantel. Determine whether your mantel conforms to the requirements of a Combustible Mantel.



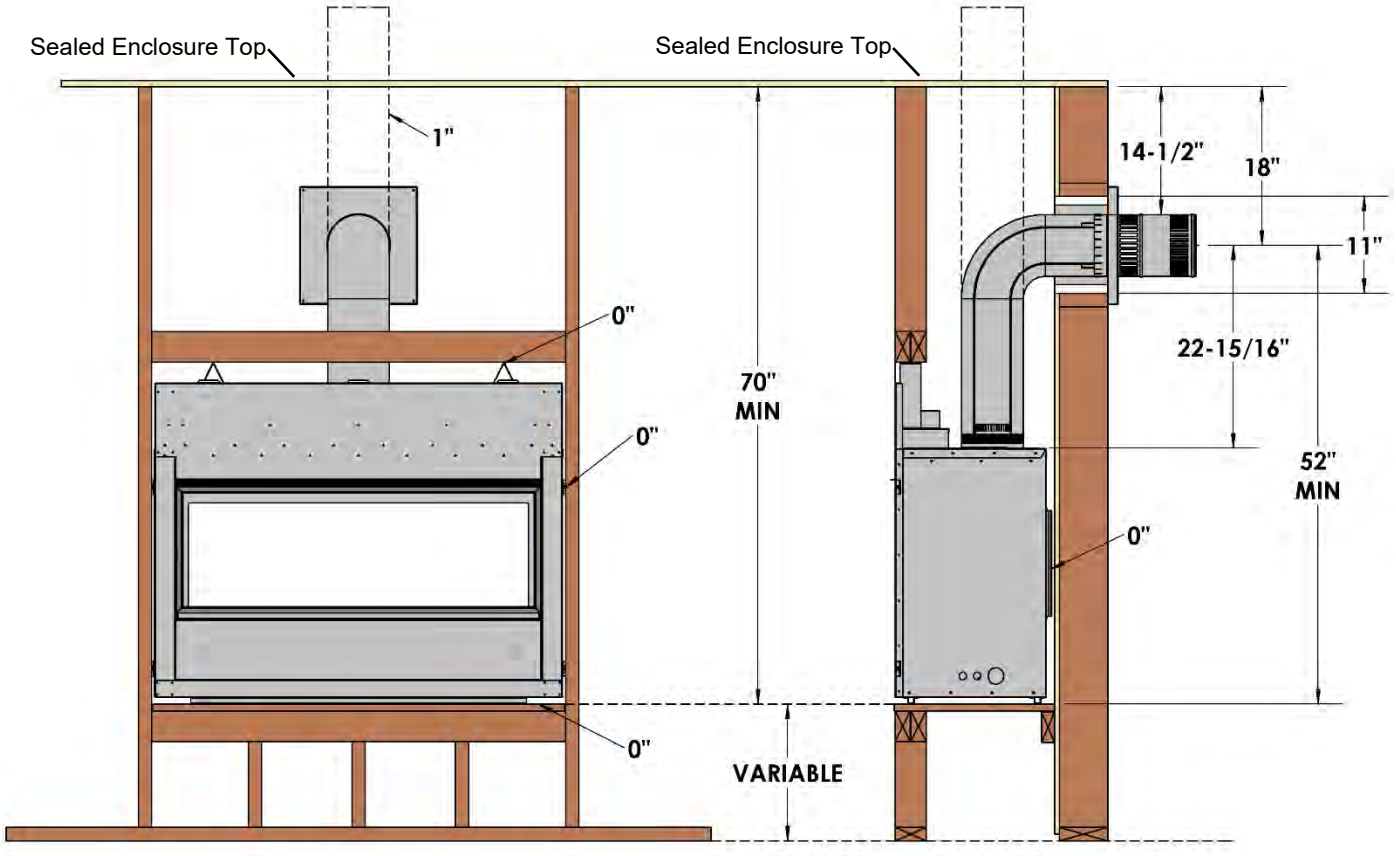
Mantel Leg Clearances





ZCVRB47 -Clearance to Combustibles –Unvented Chase- Ventilation Plates In Place – As Shipped

Clearance to Combustibles	ZCVRB47 Unvented Chase
Front	36” [92cm]
Back (from Stand-offs)	0” [0cm]
Side (from Stand-offs)	0” [0cm]
Floor	0” [0cm]
Minimum Ceiling Height (from bottom of fireplace)	70” [179cm]
Top (from Stand-offs)	0” [0cm]
Top of 90° Bend in minimum Enclosure of 70”	4” [10.2cm]
Top of 90° Bend in Enclosure over 70”	4” [10.2cm]
VENTING SYSTEMS	
Top of Horizontal Pipe	1/1/2” [3.8cm]
Side & Bottom of Horizontal Pipe	1” [2.5cm] All Vent Systems
Vertical Vent Pipe	1” [2.5cm] All Vent Systems
REFER TO FACING REQUIREMENTS SECTION FOR FACING MATERIALS	



⚠ **NOTE:** If using insulation in unvented chase (i.e. for outside wall), wall board / drywall is required to support all insulation. Unvented chase must be clean and free of all debris (i.e. loose insulation, pieces of wood, etc.).

⚠ **NOTE: HEAT CANNOT BE DISCHARGED INTO THE WALLS, FLOOR, OR CEILING.**