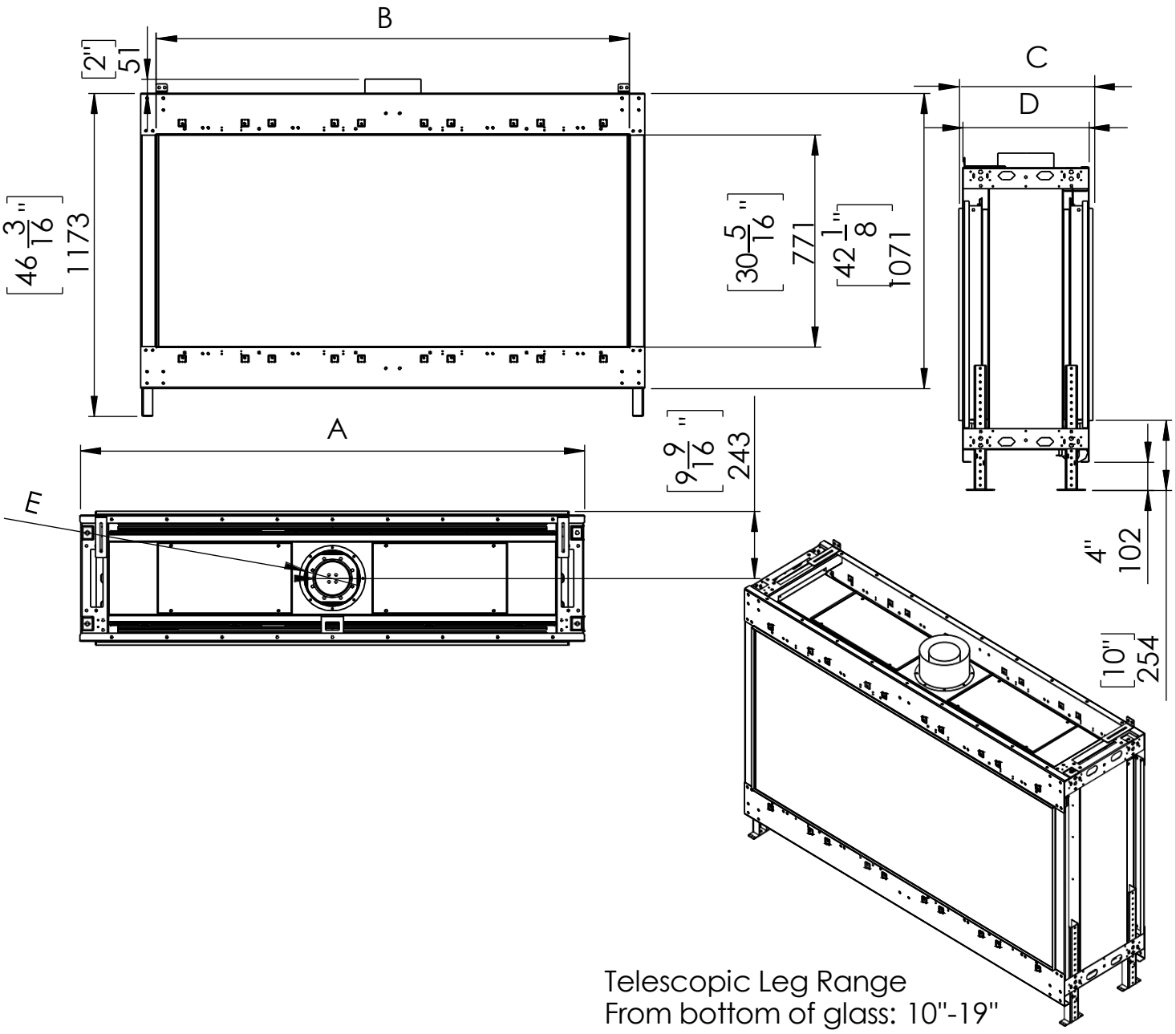
FLARE FIREPLACES

# See Through – Wood Framing – Extra High

Rev. 5

## Fireplace Dimensions




Telescopic Leg Range
From bottom of glass: 10"-19"

| Model | | 45 | 50 | 60 | 70 | 80 | 100 |
|---|---|---|---|---|---|---|---|
| A | IN | 45 13/16 | 52 8/16 | 62 5/16 | 72 3/16 | 84 12/16 | 101 11/16 |
| | MM | 1163 | 1333 | 1583 | 1833 | 2143 | 2583 |
| B | IN | 41 4/16 | 47 15/16 | 57 13/16 | 67 10/16 | 80 4/16 | 97 3/16 |
| | MM | 1048 | 1218 | 1468 | 1718 | 2038 | 2468 |
| C | IN | 19 2/16 | 19 2/16 | 19 2/16 | 19 2/16 | 19 2/16 | 19 2/16 |
| | MM | 485 | 485 | 485 | 485 | 485 | 485 |
| D | IN | 18 1/16 | 18 1/16 | 18 1/16 | 18 1/16 | 18 1/16 | 18 1/16 |
| | MM | 458 | 458 | 458 | 458 | 458 | 458 |
| E | IN | 4x6 | 5x8 | 5x8 | 5x8 | 5x8 | 5x8 |
| | MM | 101x152 | 127x203 | 127x203 | 127x203 | 127x203 | 127x203 |

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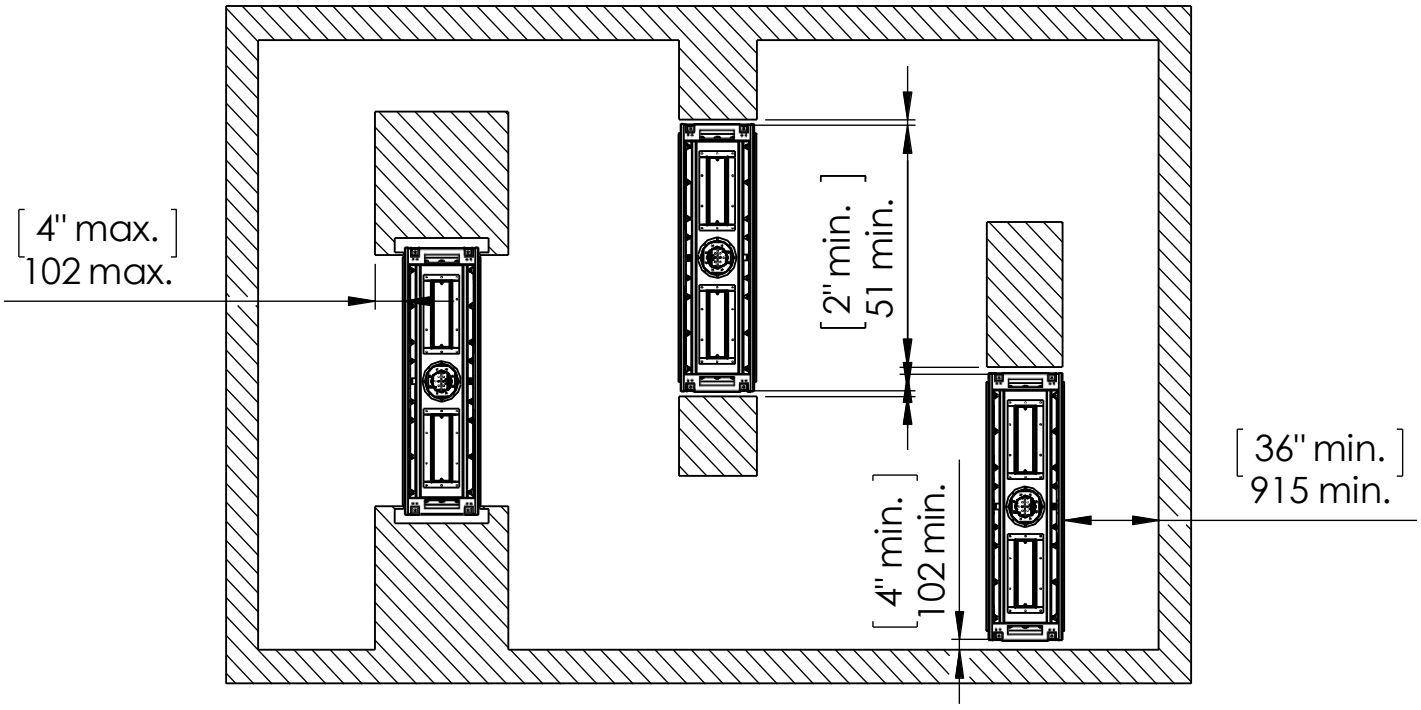
# Appliance Location

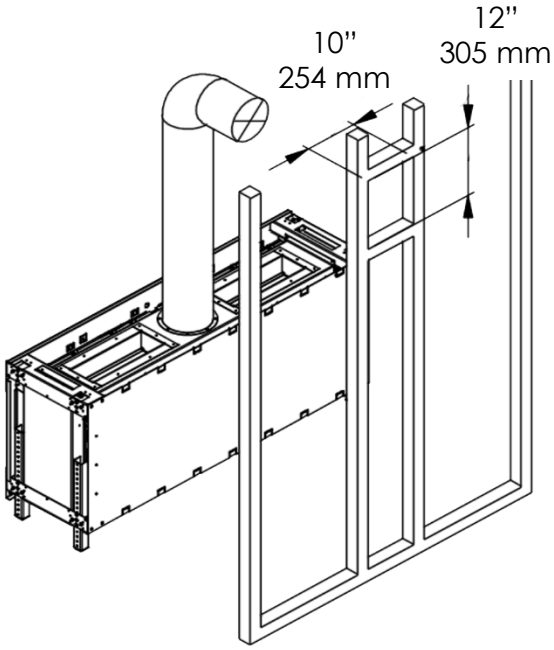
Clearances below are to non-combustible materials.




# Chimney Installation

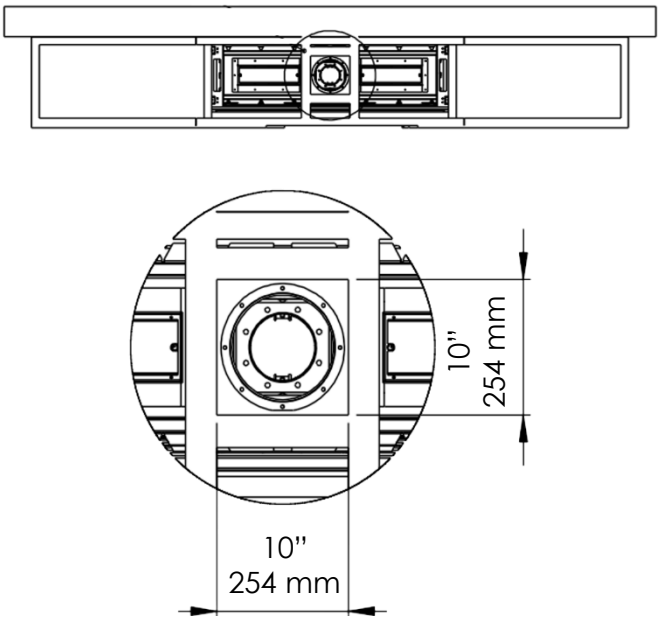
## Horizontal Termination

For 5x8 vent pipe termination create a 10"x12" opening




## Vertical Termination

For 5x8 vent pipe termination create a 10"x10" opening



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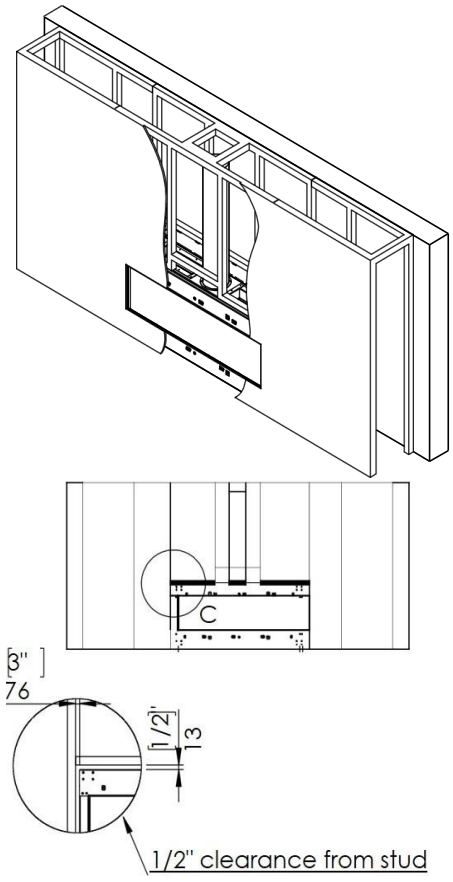
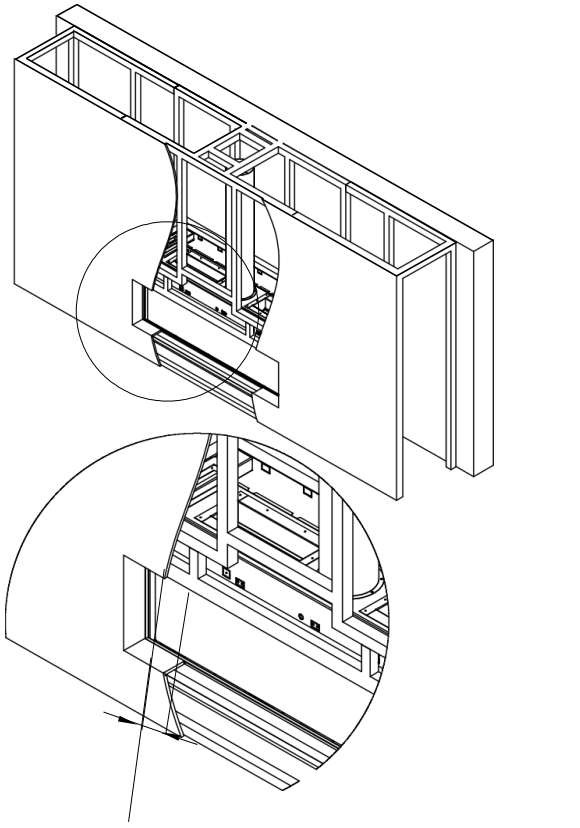
# Flat vs Recessed Installation

## Flat Installation




## Recessed Installation



0 - 4" Recommended, 8" Max

# Heat Release and Air Intake

**Required Heat Release Open Air-Flow Minimum**

80” and 100” Fireplaces - 200 square inches minimum.

60” and 70” Fireplaces - 140 square inches minimum.

30”, 45”, 50” Fireplaces - 100 square inches minimum.

**Required Air Intake Open Air-Flow Minimum**

80” and 100” Fireplaces - 100 square inches minimum.

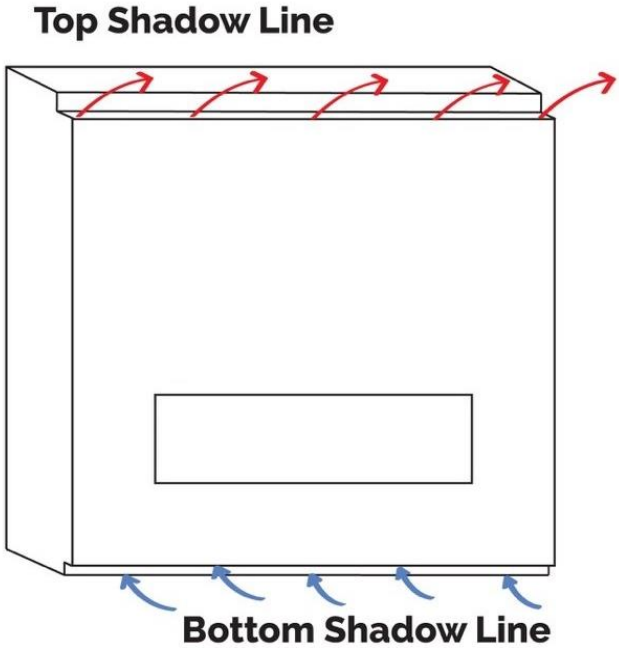
60” and 70” Fireplaces - 70 square inches minimum.

30”, 45”, 50” Fireplaces - 50 square inches minimum.

*(*Blower Kit and Cool Glass)*

*(**See Through and Room Definer Requirements Double.)*

*(***Openings are measured for open air-flow)*



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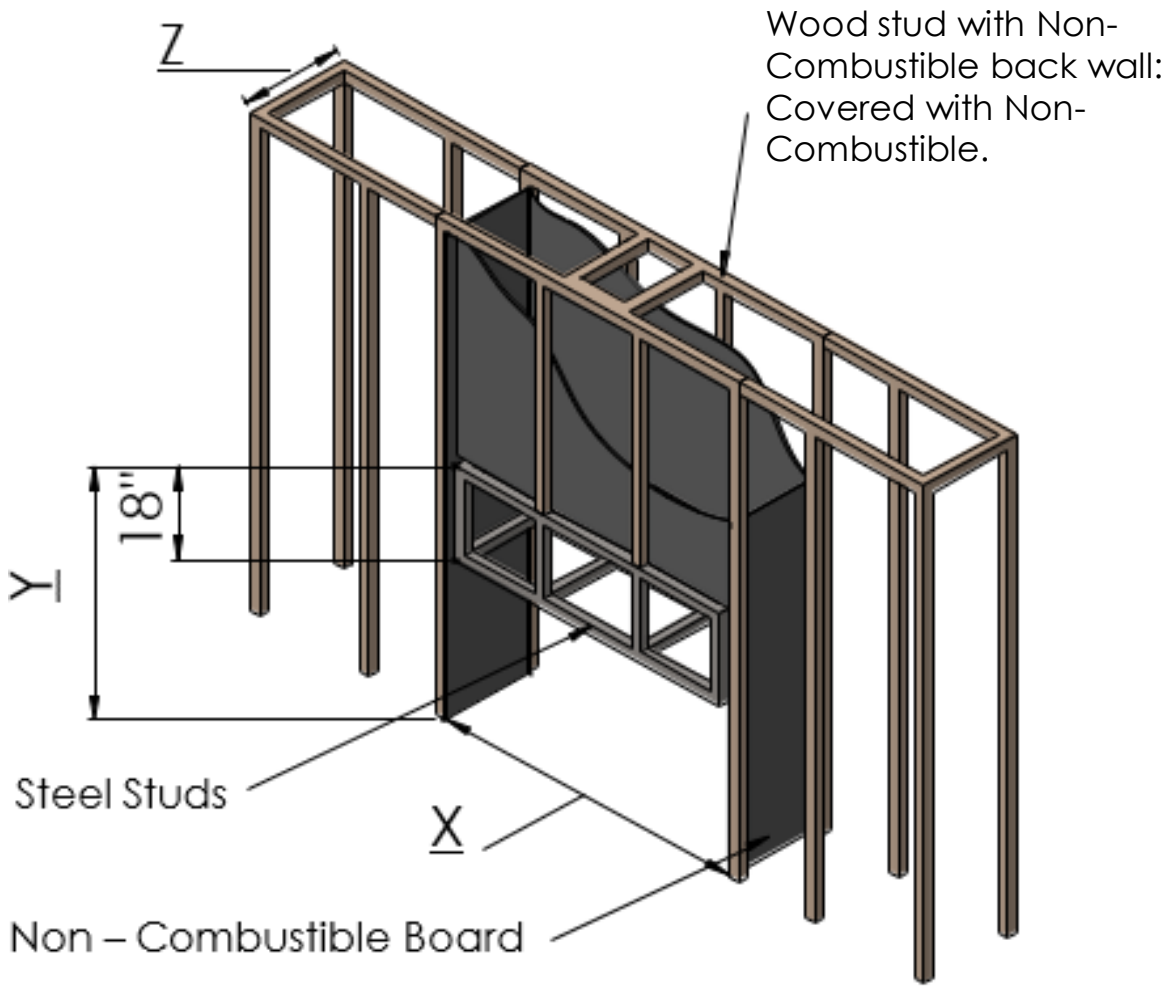
# Stud-To-Stud Wood Framing




**NOTE**: Dimension "Y" assumes the fireplace legs are set to the default height of 4", placing the glass opening at 10" above the floor. **This "Y" dimension can change based on where your client wants their viewing window**.

*All framing and finishing must be secured to your projects back wall, ceiling or floor and must never bear weight on the fireplace in any circumstance. For more information reference the Installation Manual.

| Model | | X | Y | Z | |
|---|---|---|---|---|---|
| | | | | Flat Installation | Recess Installation (4") |
| 45 | IN | 51 13/16 | 64 8/16 | 18 1/16 | 26 1/16 |
| | MM | 1316 | 1638 | 458 | 661 |
| 50 | IN | 58 8/16 | 64 8/16 | 18 1/16 | 26 1/16 |
| | MM | 1485 | 1638 | 458 | 661 |
| 60 | IN | 68 5/16 | 64 8/16 | 18 1/16 | 26 1/16 |
| | MM | 1735 | 1638 | 458 | 661 |
| 70 | IN | 78 3/16 | 64 8/16 | 18 1/16 | 26 1/16 |
| | MM | 1985 | 1638 | 458 | 661 |
| 80 | IN | 90 12/16 | 64 8/16 | 18 1/16 | 26 1/16 |
| | MM | 2305 | 1638 | 458 | 661 |
| 100 | IN | 107 11/16 | 64 8/16 | 18 1/16 | 26 1/16 |
| | MM | 2735 | 1638 | 458 | 661 |

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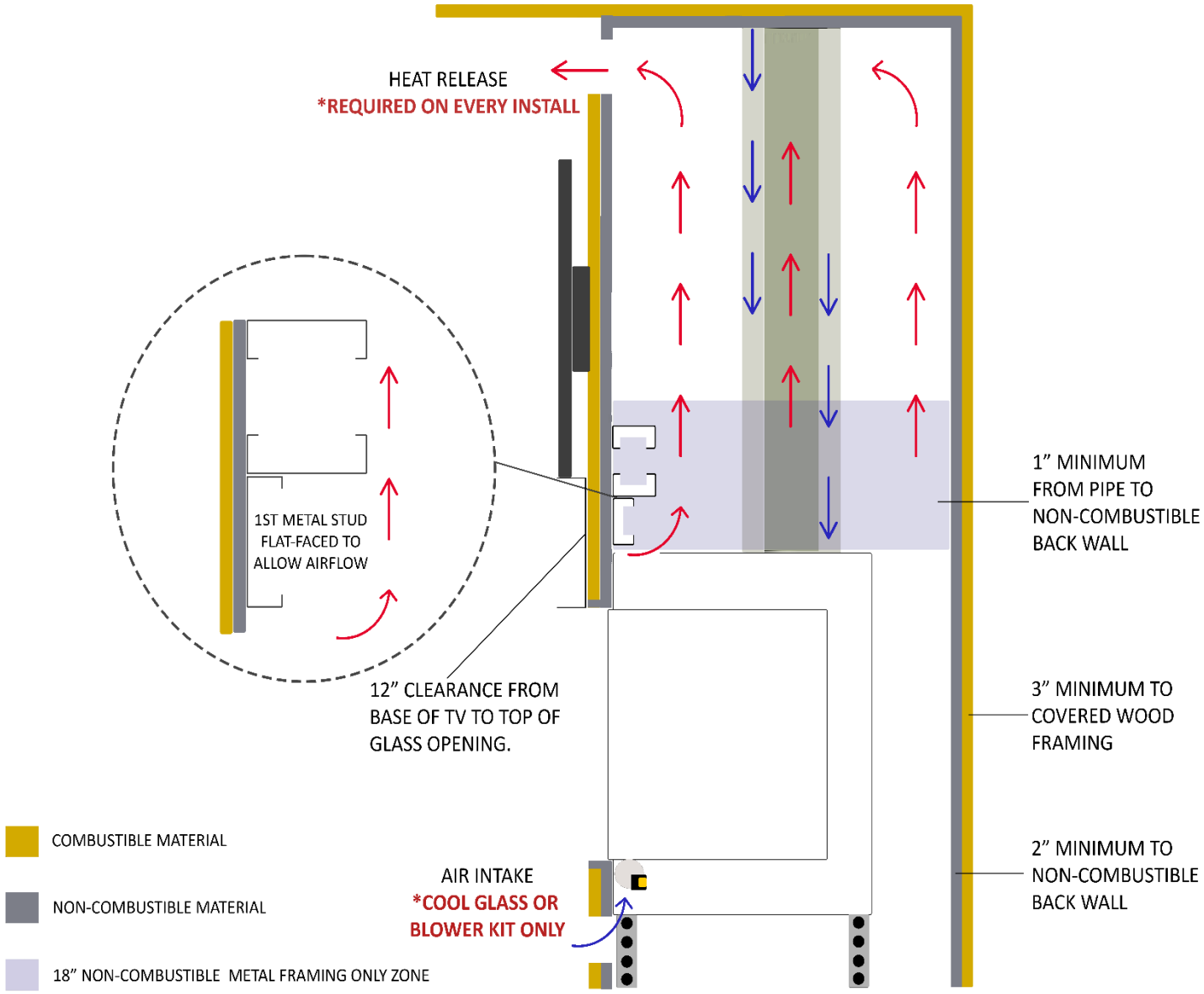
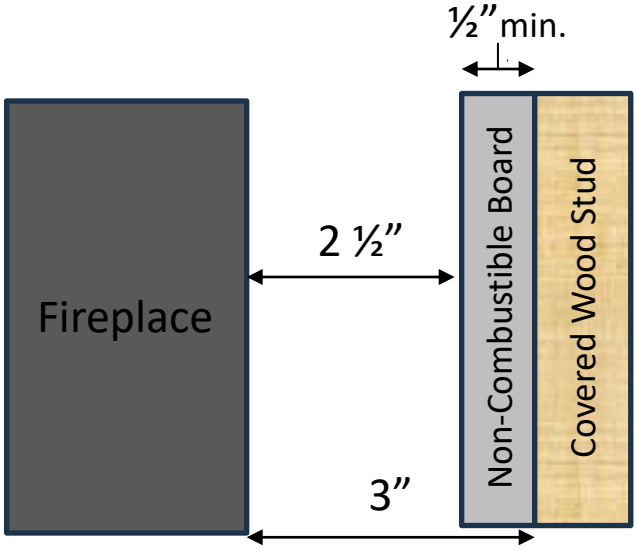
# Materials and Clearances




## Wood Framing Clearances and Materials Example




*Any combustible material found within the fireplace cavity must be covered with a minimum ½" thick non-combustible board and maintain a 3" clearance to the sides and back of the fireplace.