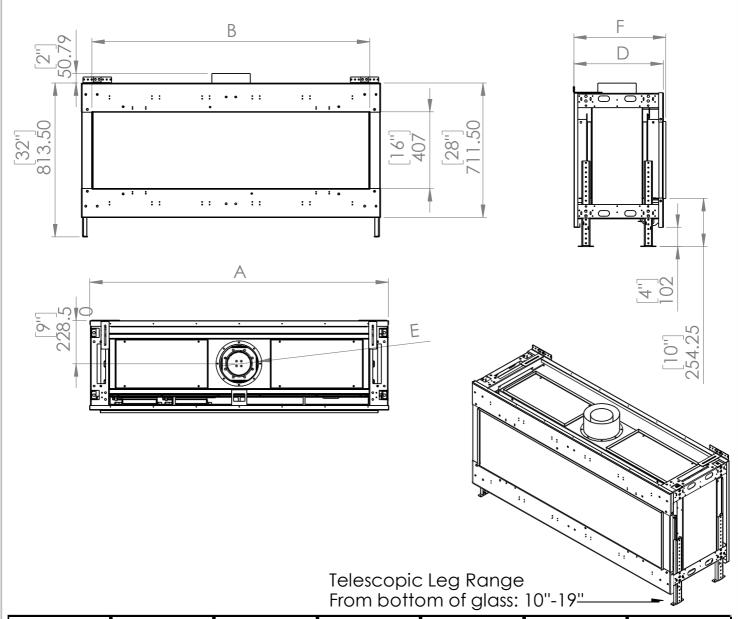


Flare See Through Wood Frame Commercial

Fireplace Dimensions

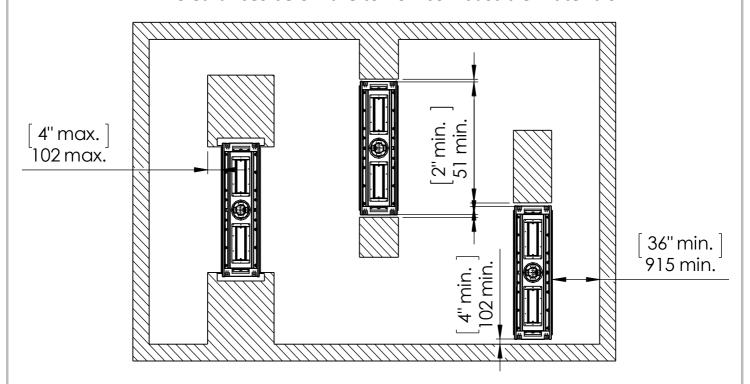


| Model | 45 | 50 | 60 | 70 | 80 | 100 |
|---------|---------|---------|----------|----------|---------|----------|
| A- Inch | 45 9/16 | 52 5/16 | 62 2/16 | 71 15/16 | 84 9/16 | 101 8/16 |
| B- Inch | 41 5/16 | 48 | 57 13/16 | 67 11/16 | 80 1/16 | 97 3/16 |
| F- Inch | 20 4/16 | 20 4/16 | 20 4/16 | 20 4/16 | 20 4/16 | 20 4/16 |
| D- Inch | 19 4/16 | 19 4/16 | 19 4/16 | 19 4/16 | 19 4/16 | 19 4/16 |
| E-Inch | 4x6 | 5x8 | 5x8 | 5x8 | 5x8 | 5x8 |



Appliance Location

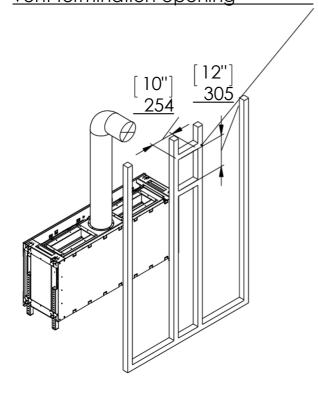
Clearances below are to non-combustible materials.



Chimney Installation

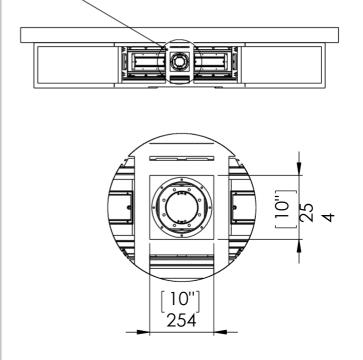
Horizontal Termination

For 5 x 8 vent size create 10" x 12" vent termination opening



Vertical Termination

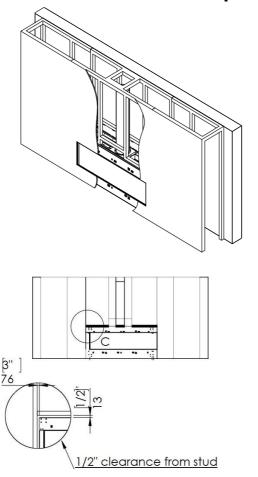
For 5 x 8 vent size create 10" x 10" vent termination opening



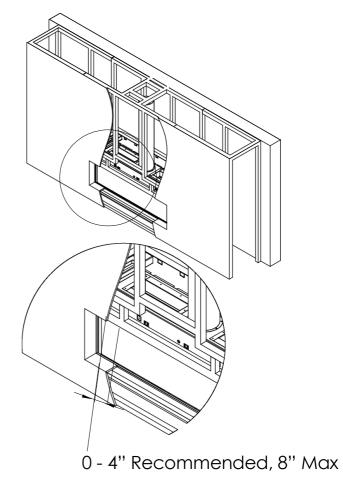


Flat Vs. L Shape Installation For FLARE Front Fireplace

Flat Installation Example



L Shape Installation Example



Heat Release and Air Intakes

The following sizes MUST be maintained for the upper heat release:

For fireplaces sized **80" & 100"**— vent area must be at least **200 square inches.**

For fireplaces sized **60" & 70"** - vent area must be at least **140** square inches.

For fireplace sized **50"** and below - vent area must be at least **100** square inches.

The following sizes MUST be maintained for the lower air intake:

For fireplaces sized **80"** & **100"** – vent area must be at least **100** square inches.

For fireplaces sized **60" & 70"** - vent area must be at least **70** square inches.

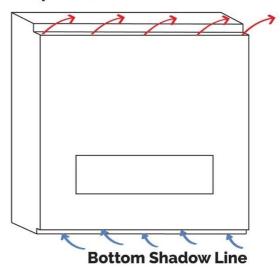
For fireplaces sized **50"** and below - vent area must be at least **50** square inches.

For See Through and Room Definer fireplaces, the air intake requirements are **double**.

NOTE: Openings above for Heat Release and Air Intake are measured for open air space.

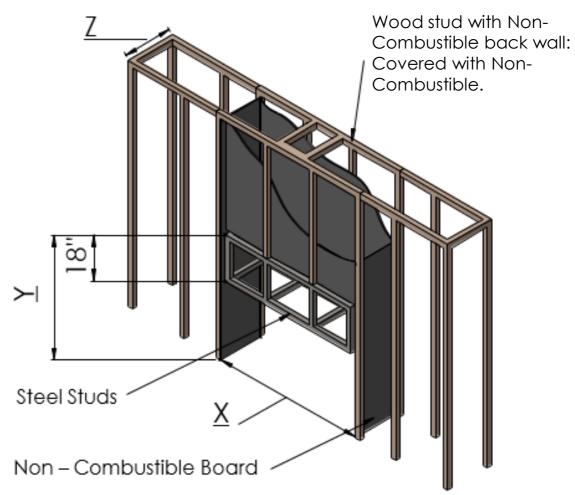
NOTE: On all **See Through** and **Room Definer** units the air intake must be doubled

Top Shadow Line





Wood Framing Dimensions



NOTE: Dimension 'Y' uses legs at default lowest height 4" below the unit with glass beginning 10" above the floor. Increase leg height and Y dimension for higher 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

| | | Х | Υ | Z | | |
|-----|------|----------|---------|-------------------|--------------------------|--|
| | | | | Flat Installation | Recess Installation (4") | |
| 45 | Inch | 51 9/16 | 50 8/16 | 19 4/16" | 27 4/16 | |
| | mm | 1294 | 1283 | 489 | 692 | |
| 50 | Inch | 58 5/16 | 50 8/16 | 19 4/16" | 27 4/16 | |
| | mm | 1481 | 1283 | 489 | 692 | |
| 60 | Inch | 68 2/16 | 50 8/16 | 19 4/16" | 27 4/16 | |
| | mm | 1730 | 1283 | 489 | 692 | |
| 70 | Inch | 77 15/16 | 50 8/16 | 19 4/16" | 27 4/16 | |
| | mm | 1980 | 1283 | 489 | 692 | |
| 80 | Inch | 90 9/16 | 50 8/16 | 19 4/16" | 27 4/16 | |
| | mm | 2300 | 1283 | 489 | 692 | |
| 100 | Inch | 107 8/16 | 50 8/16 | 19 4/16" | 27 4/16 | |
| | mm | 2731 | 1283 | 489 | 692 | |



Materials & Clearances

MATERIALS & CLEARANCES - SIDE VIEW HEAT RELEASE *REQUIRED ON EVERY INSTALL 1" MINIMUM FROM PIPE TO NON-COMBUSTIBLE **1ST METAL STUD BACK WALL** FLAT-FACED TO ALLOW AIRFLOW 1/2" MINIMUM 3" MINIMUM TO 12" CLEARANCE FROM A COVERED BASE OF TV TO TOP OF **COMBUSTIBLE** GLASS OPENING. COMBUSTIBLE MATERIAL 2" MINIMUM TO NON-COMBUSTIBLE AIR INTAKE NON-COMBUSTIBLE MATERIAL **BACK WALL** *DOUBLE GLASS ONLY 18" NON-COMBUSTIBLE METAL FRAMING ONLY ZONE **EXAMPLE OF CLEARANCES TO SIDES AND BACK FIREPLACE** 2 1/2" 3"