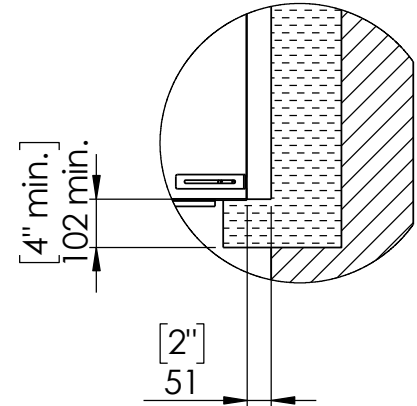
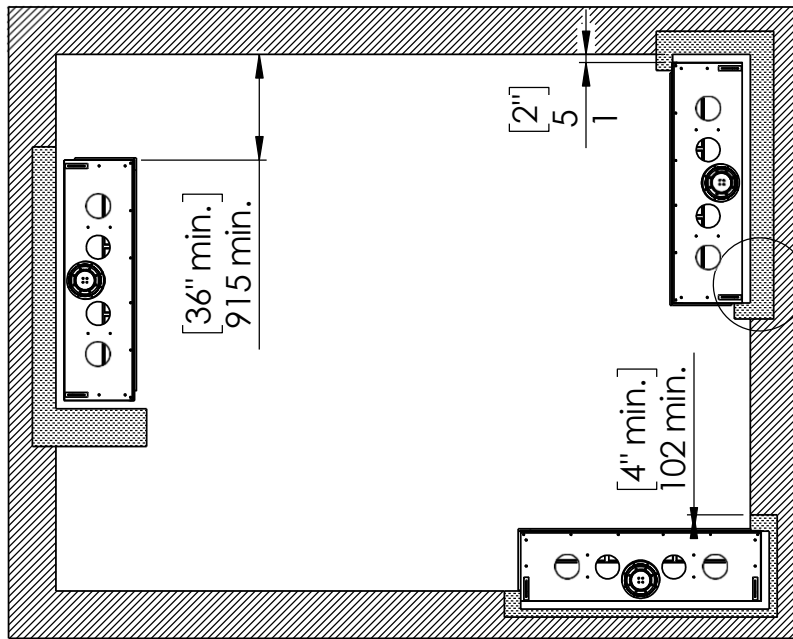


Model	30	45	50	60	70	80	100
A- Inch	30 <sup>9</sup> / <sub>16</sub>	43 <sup>9</sup> / <sub>16</sub>	50 <sup>4</sup> / <sub>16</sub>	60 <sup>1</sup> / <sub>16</sub>	69 <sup>15</sup> / <sub>16</sub>	82 <sup>8</sup> / <sub>16</sub>	99 <sup>7</sup> / <sub>16</sub>
B- Inch	28 <sup>2</sup> / <sub>16</sub>	41 <sup>1</sup> / <sub>16</sub>	47 <sup>13</sup> / <sub>16</sub>	57 <sup>10</sup> / <sub>16</sub>	67 <sup>8</sup> / <sub>16</sub>	80 <sup>1</sup> / <sub>16</sub>	97
F- Inch	18 <sup>1</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>16</sub>
D- Inch	17 <sup>9</sup> / <sub>16</sub>	17 <sup>9</sup> / <sub>16</sub>	17 <sup>9</sup> / <sub>16</sub>	17 <sup>9</sup> / <sub>16</sub>	17 <sup>9</sup> / <sub>16</sub>	17 <sup>9</sup> / <sub>16</sub>	17 <sup>9</sup> / <sub>16</sub>
E- Inch	4x6	4x6	5x8	5x8	5x8	5x8	5x8

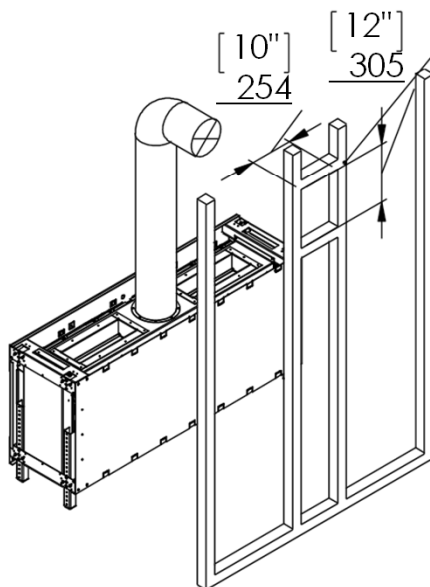


Combustible Materials  
 Non Combustible Materials

## Chimney Installation

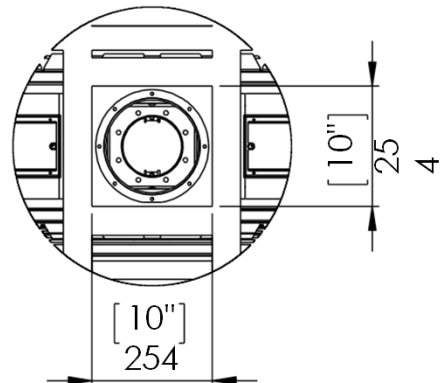
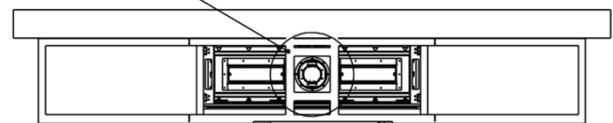
### Horizontal Termination

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

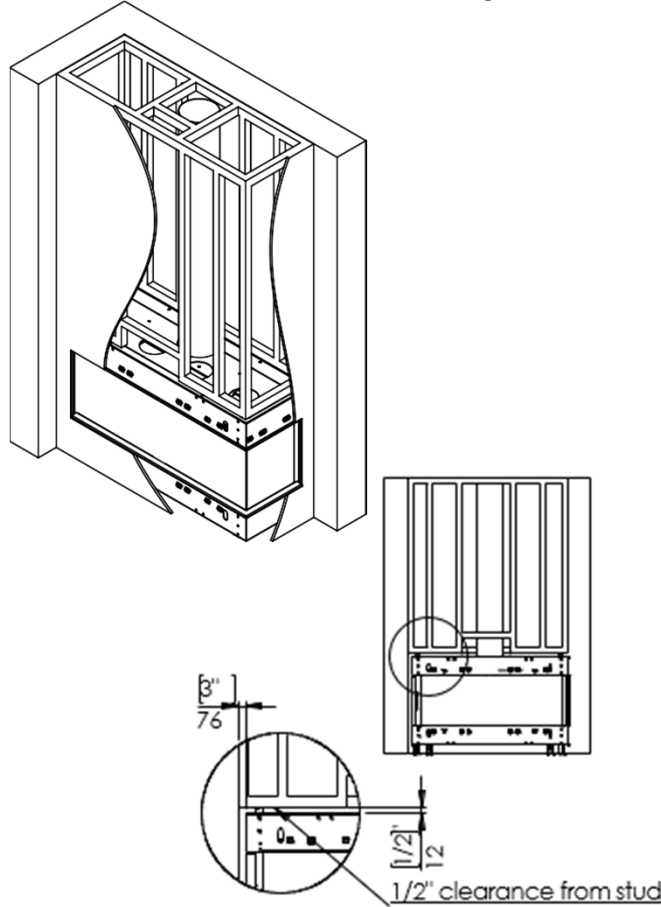


### Vertical Termination

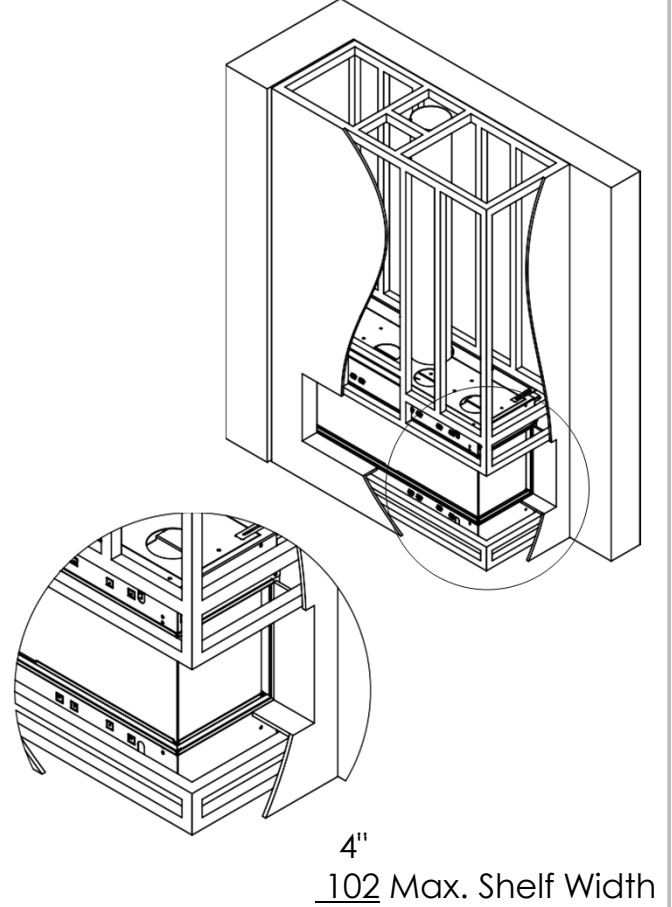
For 5 x 8 vent size create 10" x 10" vent termination opening



## Flat 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"** – open vent area must be at least **200 square inches**.

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

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

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

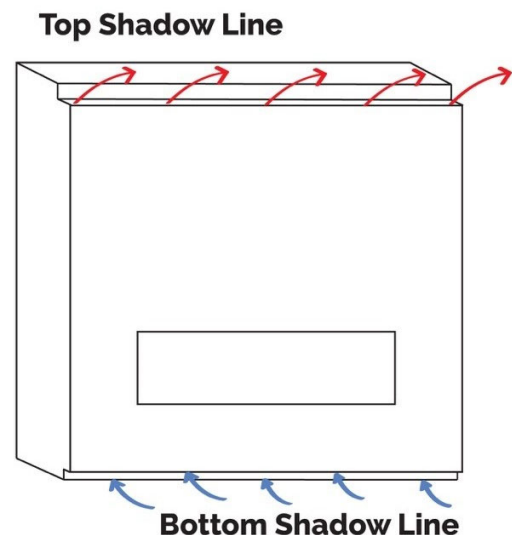
For fireplaces sized **50"** and below – open vent area must be at least **50 square inches**.

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

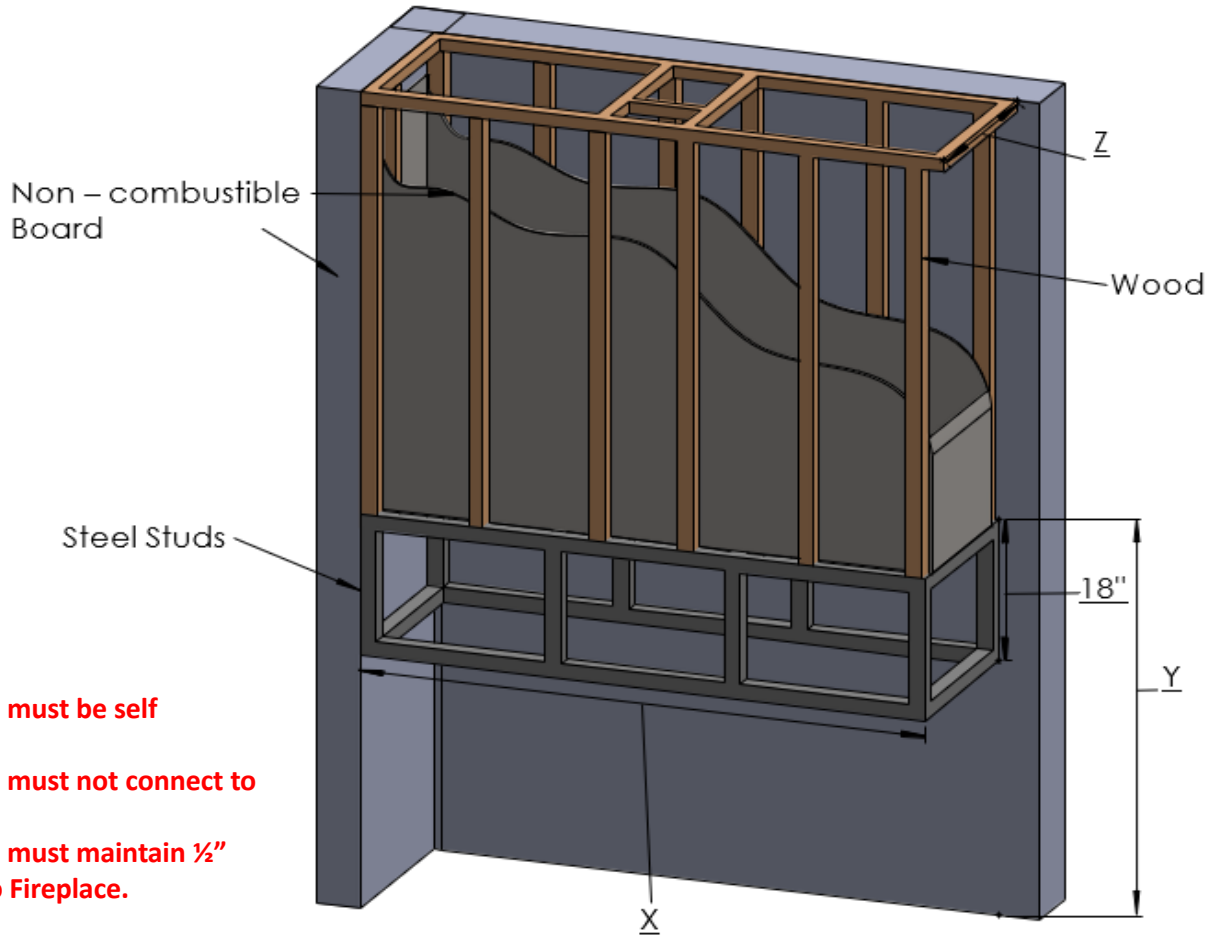
**NOTE: Openings above for Heat Release and Air Intake are measured for open air space. BE SURE TO CALCULATE FOR RESTRICTIONS IN GRATING.**

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

Air Intakes required for Double Glass or Optional Blower kits ONLY.



# Wood Framing Dimensions



**Metal Studs must be self supported.**  
**Metal Studs must not connect to Fireplace.**  
**Metal Studs must maintain ½" clearance to Fireplace.**

**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.

		X	Y	Z	
				Flat Installation	Recess Installation ( 4" Max)
30	Inch	33 <sup>9</sup> / <sub>16</sub>	58 <sup>6</sup> / <sub>16</sub>	20 <sup>9</sup> / <sub>16</sub>	24 <sup>9</sup> / <sub>16</sub>
	mm	852	1483	522	624
45	Inch	46 <sup>9</sup> / <sub>16</sub>	58 <sup>6</sup> / <sub>16</sub>	20 <sup>9</sup> / <sub>16</sub>	24 <sup>9</sup> / <sub>16</sub>
	mm	1169	1483	522	624
50	Inch	53 <sup>4</sup> / <sub>16</sub>	58 <sup>6</sup> / <sub>16</sub>	20 <sup>9</sup> / <sub>16</sub>	24 <sup>9</sup> / <sub>16</sub>
	mm	1353	1483	522	624
60	Inch	63 <sup>1</sup> / <sub>16</sub>	58 <sup>6</sup> / <sub>16</sub>	20 <sup>9</sup> / <sub>16</sub>	24 <sup>9</sup> / <sub>16</sub>
	mm	1602	1483	522	624
70	Inch	72 <sup>15</sup> / <sub>16</sub>	58 <sup>6</sup> / <sub>16</sub>	20 <sup>9</sup> / <sub>16</sub>	24 <sup>9</sup> / <sub>16</sub>
	mm	1853	1483	522	624
80	Inch	85 <sup>8</sup> / <sub>16</sub>	58 <sup>6</sup> / <sub>16</sub>	20 <sup>9</sup> / <sub>16</sub>	24 <sup>9</sup> / <sub>16</sub>
	mm	2172	1483	522	624
100	Inch	102 <sup>7</sup> / <sub>16</sub>	58 <sup>6</sup> / <sub>16</sub>	20 <sup>9</sup> / <sub>16</sub>	24 <sup>9</sup> / <sub>16</sub>
	mm	2602	1483	522	624