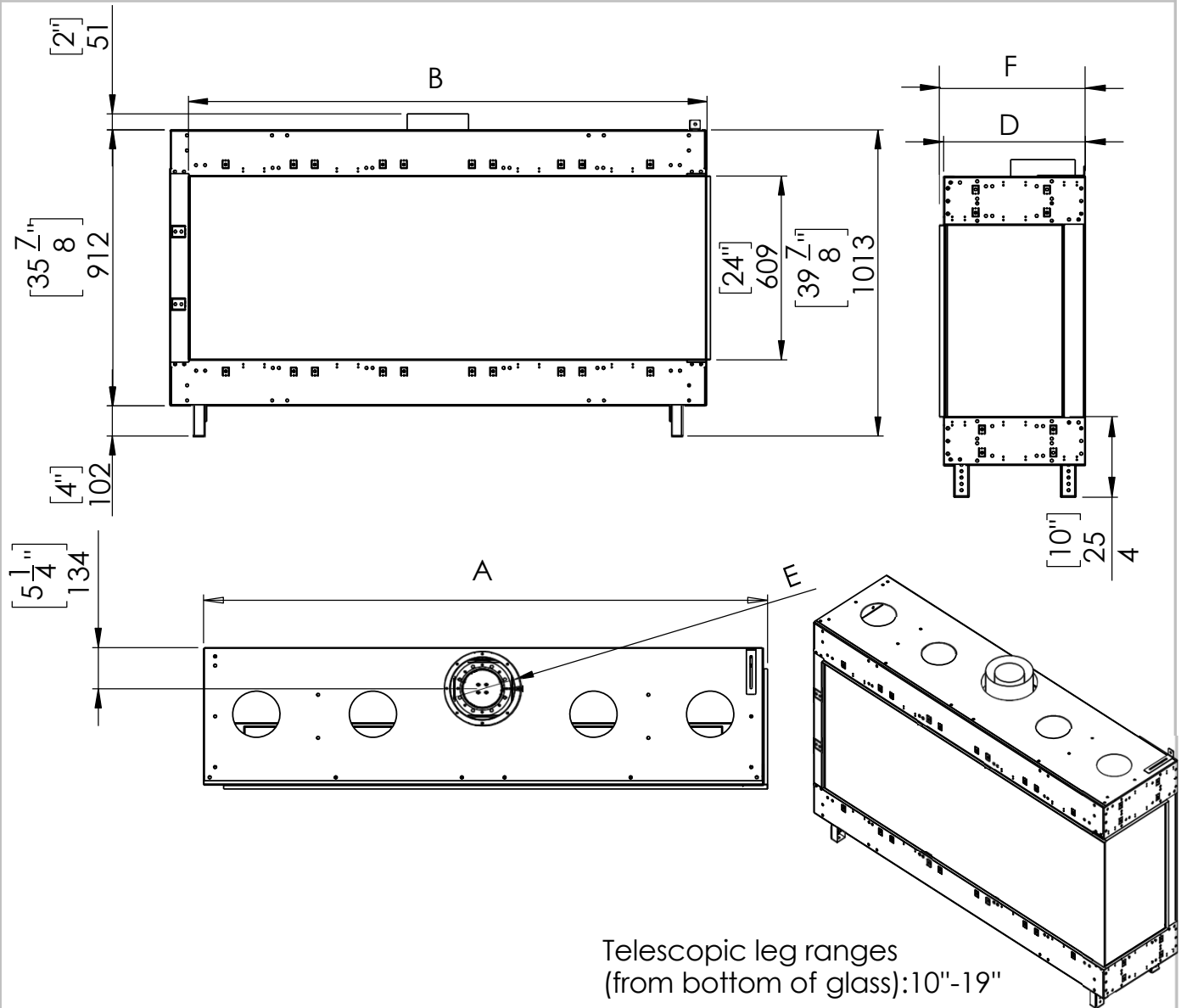
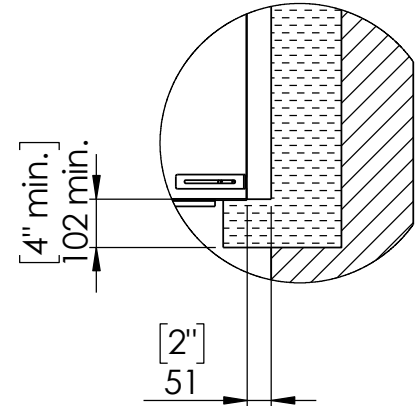
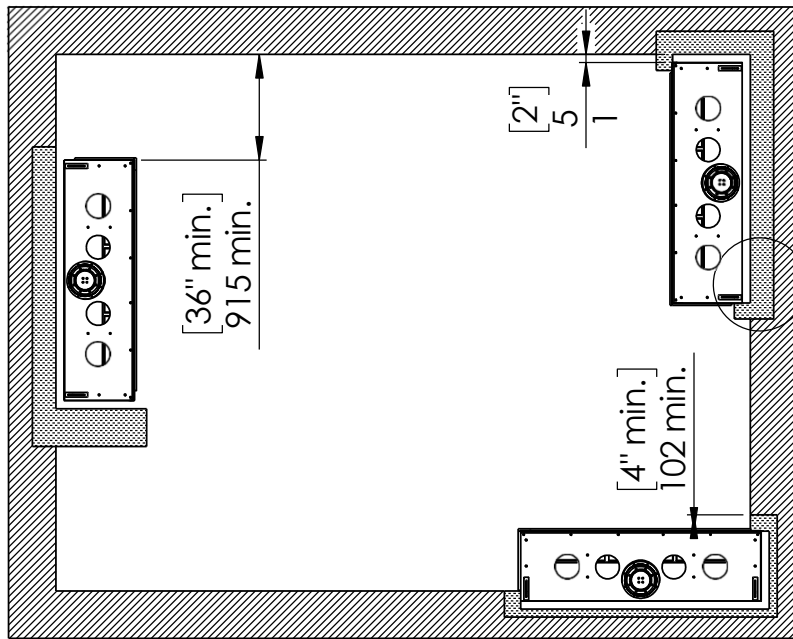


Fireplace Dimensions



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

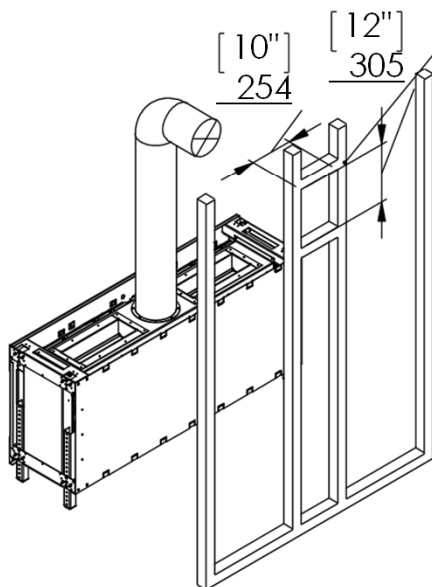


Combustible Materials
 Non Combustible Materials

Chimney Installation

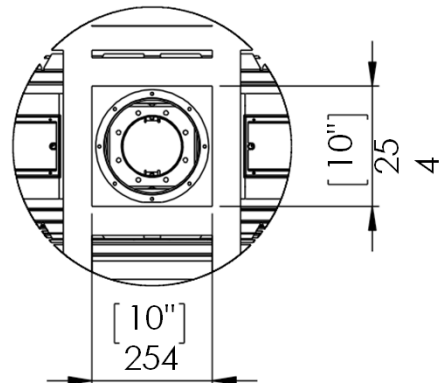
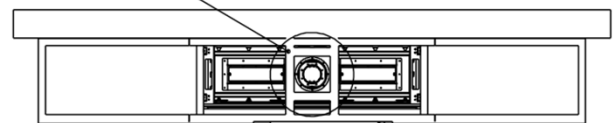
Horizontal Termination

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

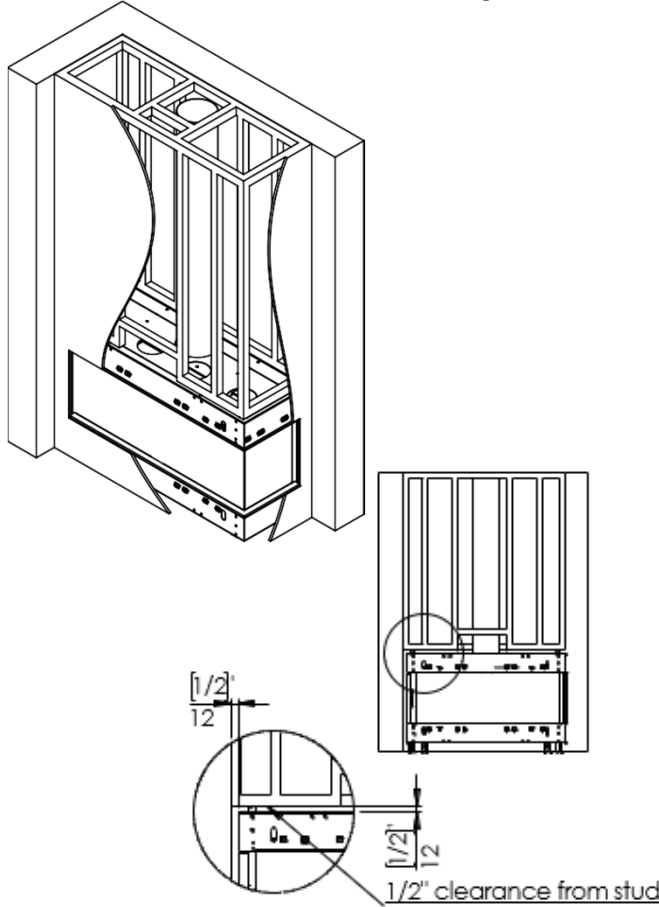


Vertical Termination

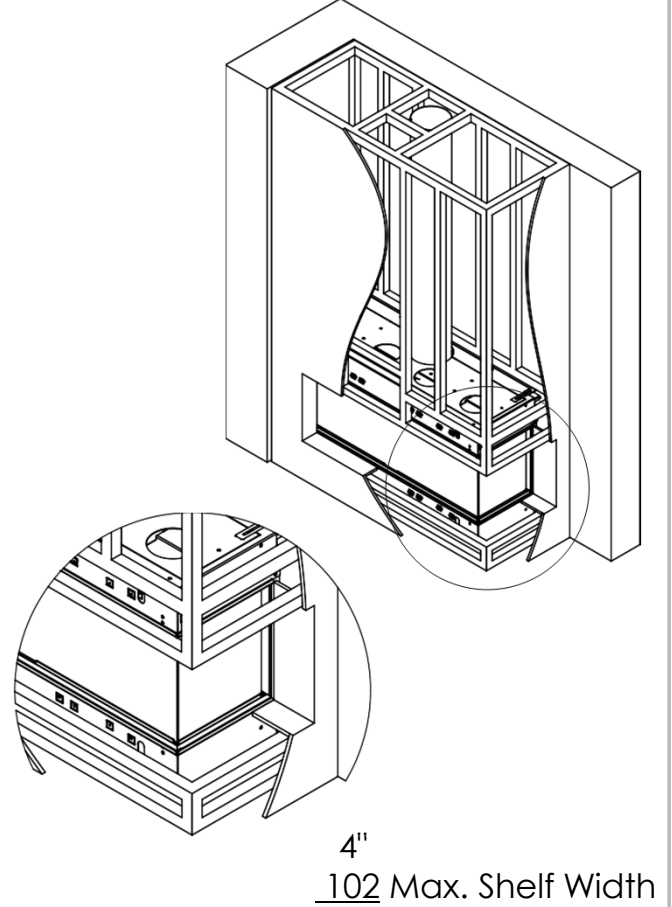
For 5 x 8 vent size create 10" x 10" vent termination opening



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**.

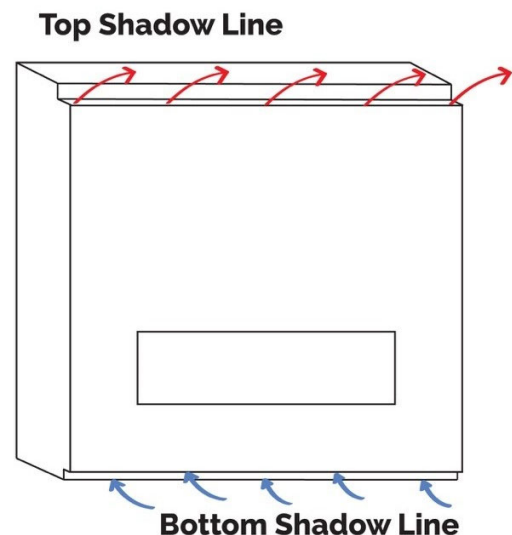
For fireplaces sized **50"** and below - open vent area must be at least **50 square inches**.

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.

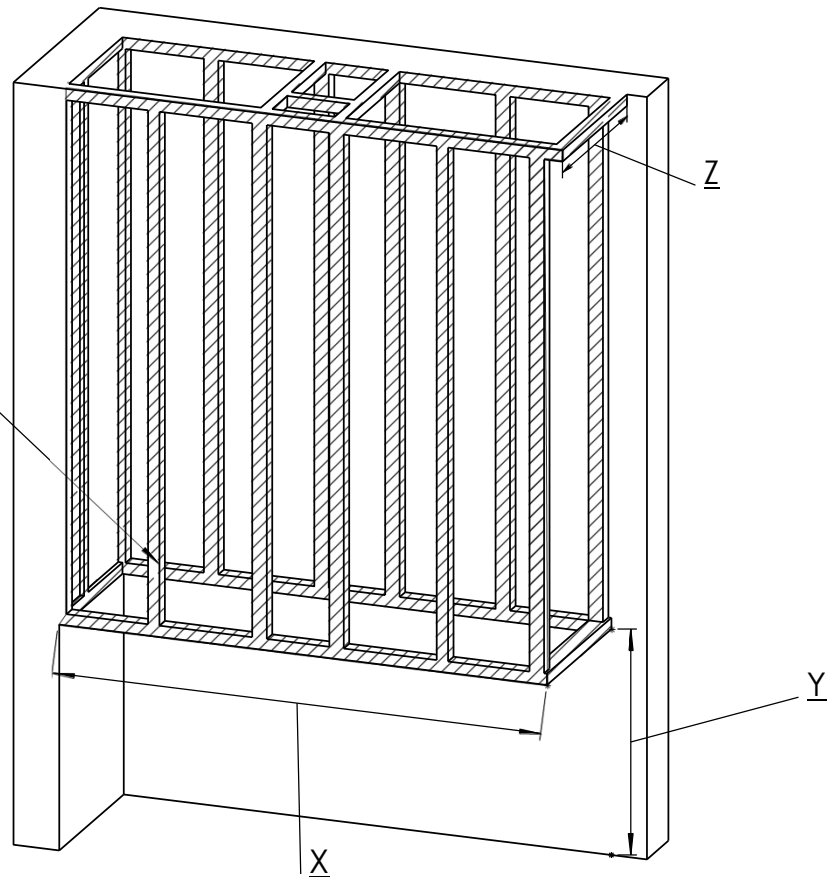
NOTE: On all See Through and Room Definer units the air intake must be doubled

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



Metal Framing Dimensions

 Metal stud with Non-Combustible Back Wall



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	32 ⁹ / ₁₆	40 ⁶ / ₁₆	19 ⁹ / ₁₆	23 ⁹ / ₁₆
	mm	827	1026	497	598
45	Inch	45 ⁹ / ₁₆	40 ⁶ / ₁₆	19 ⁹ / ₁₆	23 ⁹ / ₁₆
	mm	1144	1026	497	598
50	Inch	52 ⁴ / ₁₆	40 ⁶ / ₁₆	19 ⁹ / ₁₆	23 ⁹ / ₁₆
	mm	1327	1026	497	598
60	Inch	62 ¹ / ₁₆	40 ⁶ / ₁₆	19 ⁹ / ₁₆	23 ⁹ / ₁₆
	mm	1576	1026	497	598
70	Inch	71 ¹⁵ / ₁₆	40 ⁶ / ₁₆	19 ⁹ / ₁₆	23 ⁹ / ₁₆
	mm	1827	1026	497	598
80	Inch	84 ⁸ / ₁₆	40 ⁶ / ₁₆	19 ⁹ / ₁₆	23 ⁹ / ₁₆
	mm	2146	1026	497	598
100	Inch	101 ⁷ / ₁₆	40 ⁶ / ₁₆	19 ⁹ / ₁₆	23 ⁹ / ₁₆
	mm	2577	1026	497	598