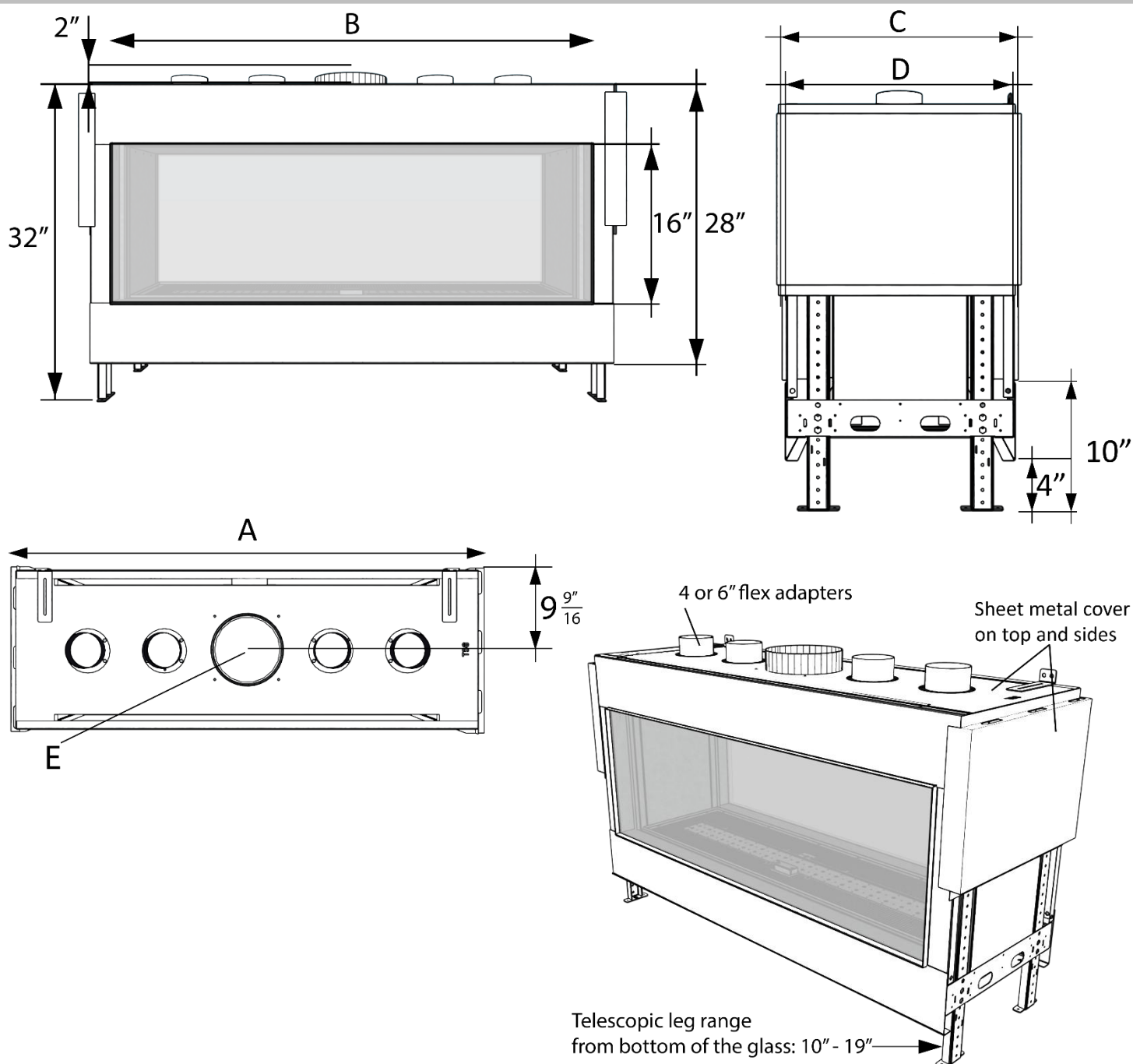


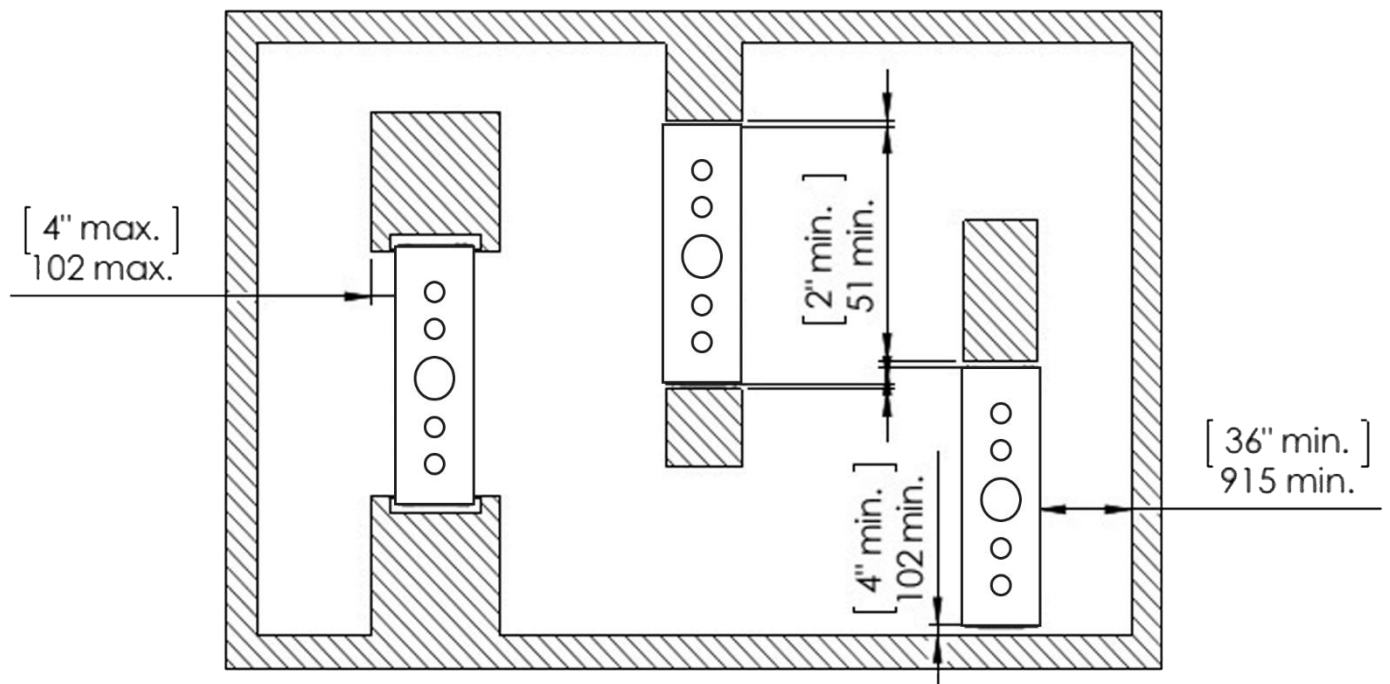
Heat Flex – Passive – See Through – Wood Framing - Regular

Fireplace Dimensions



Model		30	45	50	60	70	80	100
A	IN	32 12/16	45 13/16	52 8/16	62 5/16	72 3/16	84 12/16	101 11/16
	MM	833	1163	1333	1583	1833	2143	2583
B	IN	28 4/16	41 4/16	47 15/16	57 13/16	67 10/16	80 4/16	97 3/16
	MM	718	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	19 2/16
	MM	485	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	18 1/16
	MM	458	458	458	458	458	458	458
E	IN	4x6	4x6	5x8	5x8	5x8	5x8	5x8
	MM	101x152	101x152	127x203	127x203	127x203	127x203	127x203

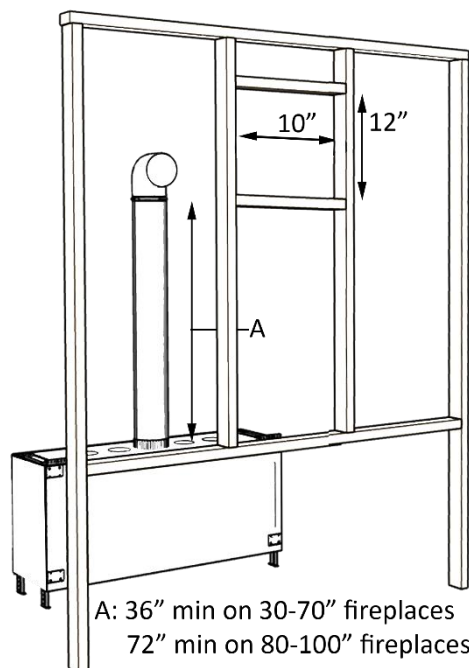
Clearances below are to non-combustible materials.



Chimney Installation

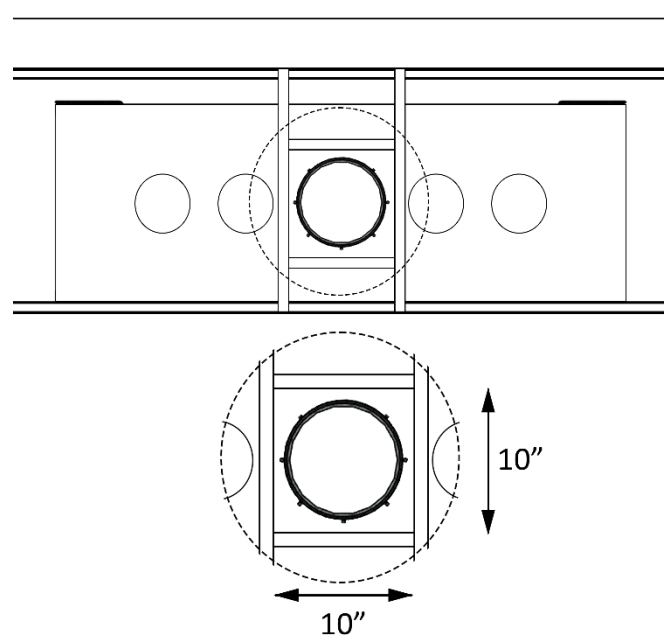
Horizontal Termination

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



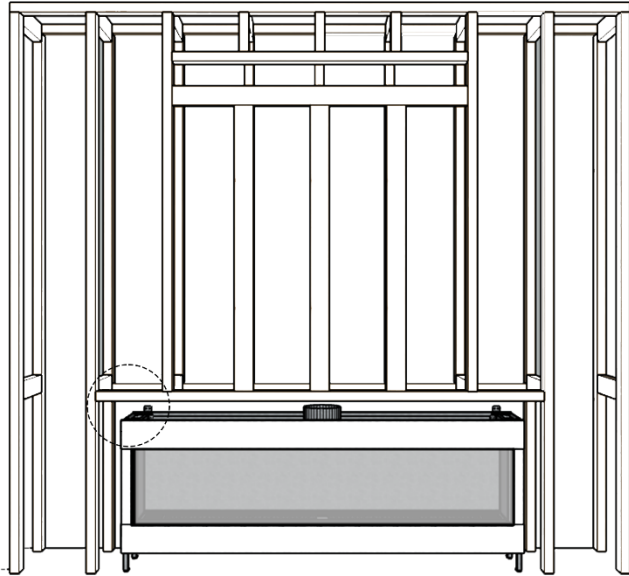
Vertical Termination

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

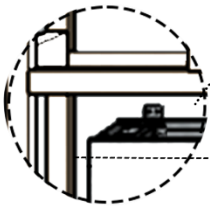


Flat vs Recessed Installation

Flat Installation

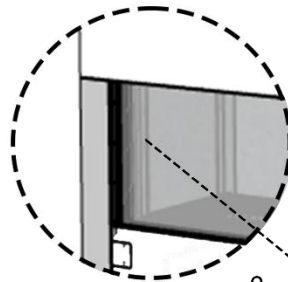
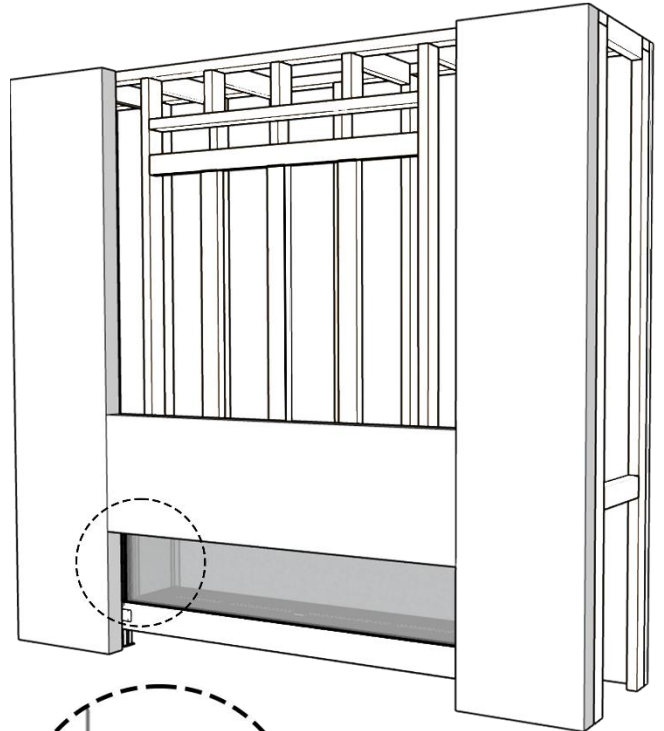


4" clearance to uncovered wood framing above the fireplace.

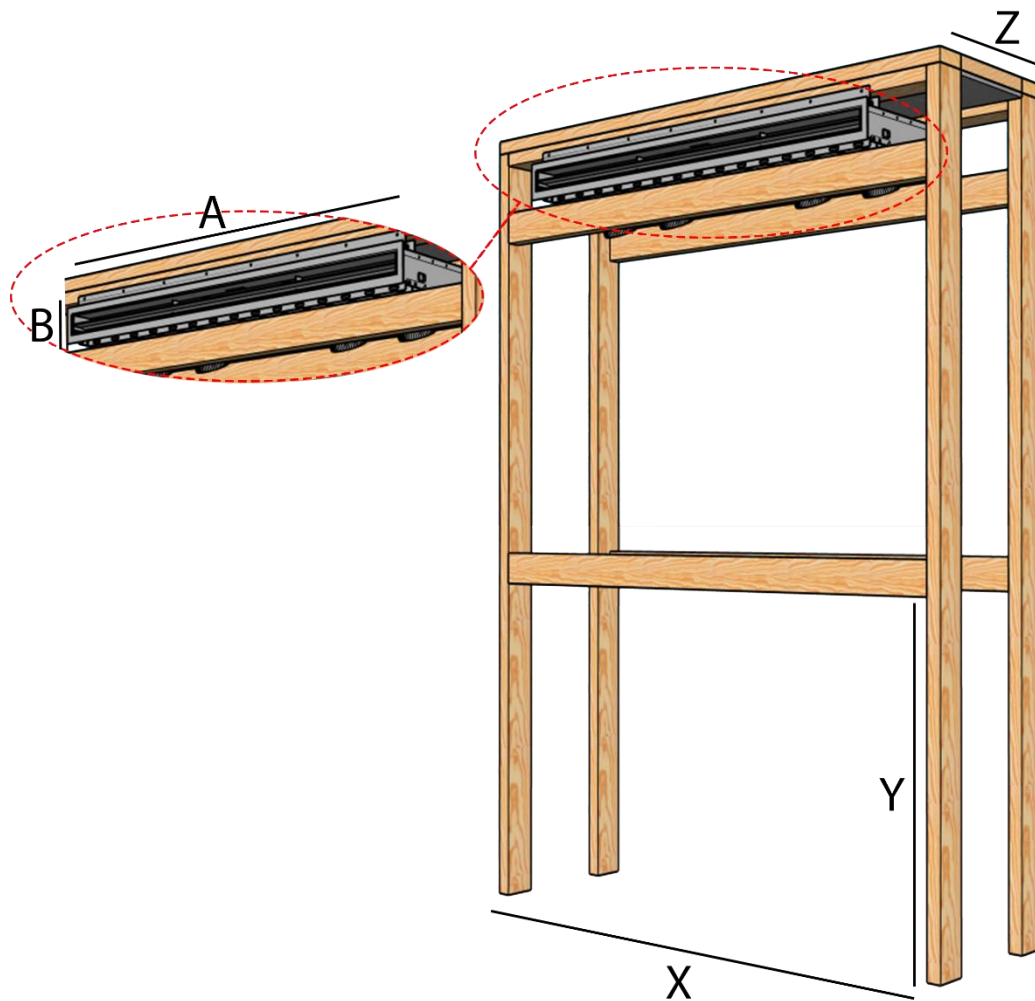


3" clearance to uncovered wood framing on sides of the fireplace.

Recessed Installation



0 - 4" recommended overhang
8" max. May be combustible material.



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](#).

Stud to Stud Framing Around The Fireplace						Heat Flex Box Framing	
Model		X	Y	Z		A	B
				Flat Installation	Recess Installation (4")		
30	IN	38 12/16	36	18 1/16	26 1/16	33	5 1/2
	MM	985	914	458	661	838	140
45	IN	51 13/16	36	18 1/16	26 1/16	47 3/16	5 1/2
	MM	1316	914	458	661	1199	140
50	IN	58 8/16	36	18 1/16	26 1/16	47 3/16	5 1/2
	MM	1485	914	458	661	1199	140
60	IN	68 5/16	36	18 1/16	26 1/16	57	5 1/2
	MM	1735	914	458	661	1448	140
70	IN	78 3/16	36	18 1/16	26 1/16	57	5 1/2
	MM	1985	914	458	661	1448	140
80	IN	90 12/16	36	18 1/16	26 1/16	84 1/16	5 1/2
	MM	2305	914	458	661	2135	140
100	IN	107 11/16	36	18 1/16	26 1/16	84 1/16	5 1/2
	MM	2735	914	458	661	2135	140

Heat Release and Air Intake

Heat Release Louvers			
Flare Model	Part Name	Description	SKU
Flare 30	LUV-70	70 SQ" Louver	LUV70
Flare 45	LUV-100	100 SQ" Louver	LUV100
Flare 50			
Flare 60	LUV-120	120 SQ" Louver	LUV120
Flare 70			
Flare 80	LUV-180	180 SQ" Louver	LUV180
Flare 100			

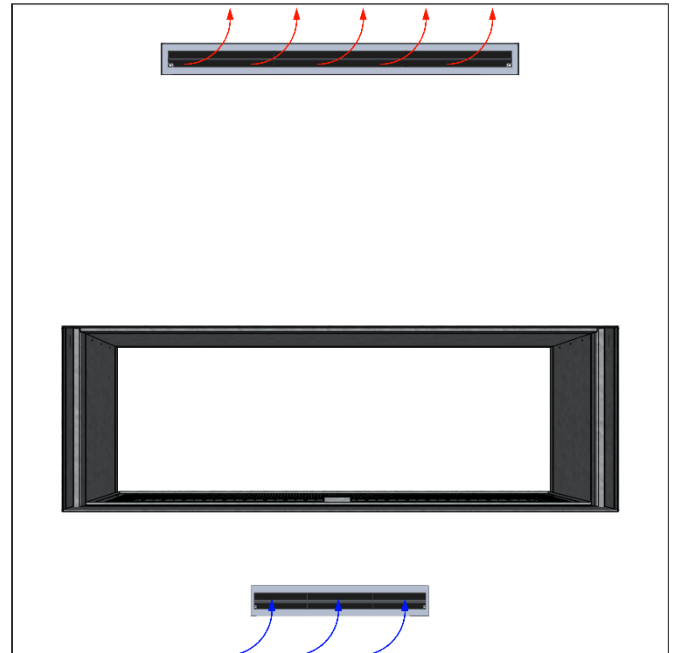
**Standardized heat release louver is included with passive heat kit.*

Air Intake Louvers			
Flare Model	Part Name	Description	SKU
Flare 30	LUV-50	50 SQ" Louver	LUV50
Flare 45			
Flare 50			
Flare 60	LUV-70	70 SQ" Louver	LUV70
Flare 70			
Flare 80			
Flare 100	LUV-100	100 SQ" Louver	LUV100

**Air intakes are required on Blower Kit and Cool Glass equipped fireplaces only.*

***Double the intake on see through and room definers, balancing size and positioning on both long sides.*

****Standardized air intake louvers are available, but designing a unique intake is acceptable.*



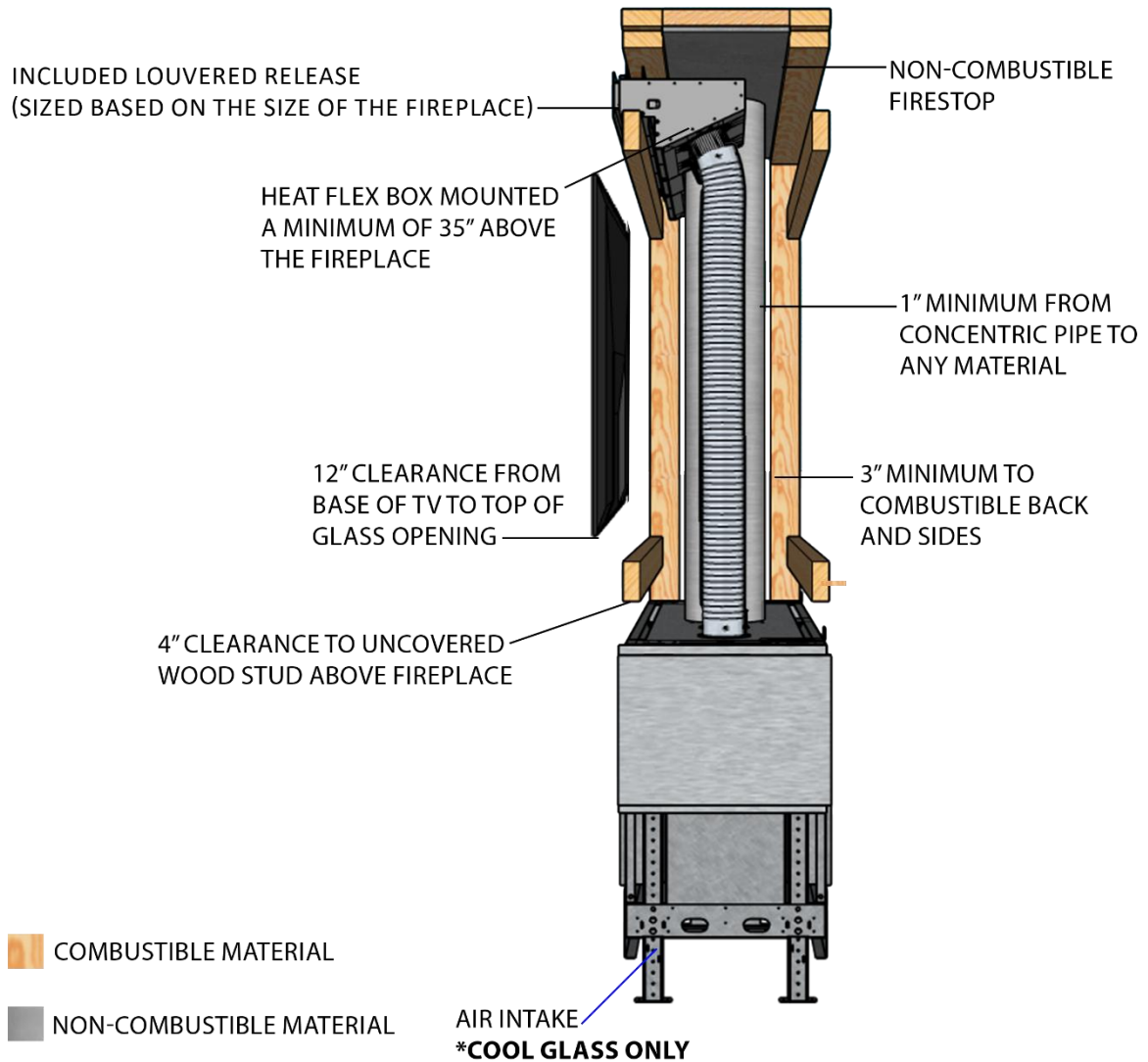
Passive Heat Flex Kit

The Passive Heat Flex System Includes:

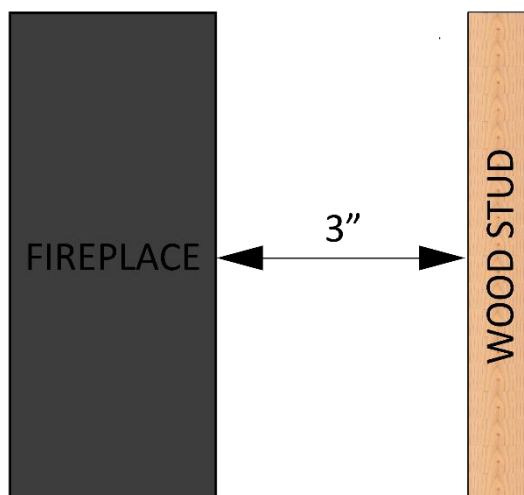
- Heat Flex Box
- Heat Release Louver and In-Wall Mount
- Flex Pipe Adapters

Model Size	Part Name	Description	Flex Quantity/Size	SKU
30	HFPK-70	Passive Heat Flex Kit for 30" Fireplace	4 / 4"	HFPK70
45	HFPK-100	Passive Heat Flex Kit for 45" Fireplace	4 / 4"	HFPK100
50	HFPK-100	Passive Heat Flex Kit for 50" Fireplace	4 / 4"	HFPK100
60	HFPK-120	Passive Heat Flex Kit for 60" Fireplace	4 / 6"	HFPK120
70	HFPK-120	Passive Heat Flex Kit for 70" Fireplace	4 / 6"	HFPK120
80	HFPK-180	Passive Heat Flex Kit for 80" Fireplace	6 / 6"	HFPK180
100	HFPK-180	Passive Heat Flex Kit for 100" Fireplace	6 / 6"	HFPK180

WOOD - FLAT - SIDE VIEW



Wood Framing Clearances and Materials Example



*Any combustible material found within the fireplace cavity must maintain a 3" clearance to the sides and back, and a 4" clearance to the top of the fireplace.