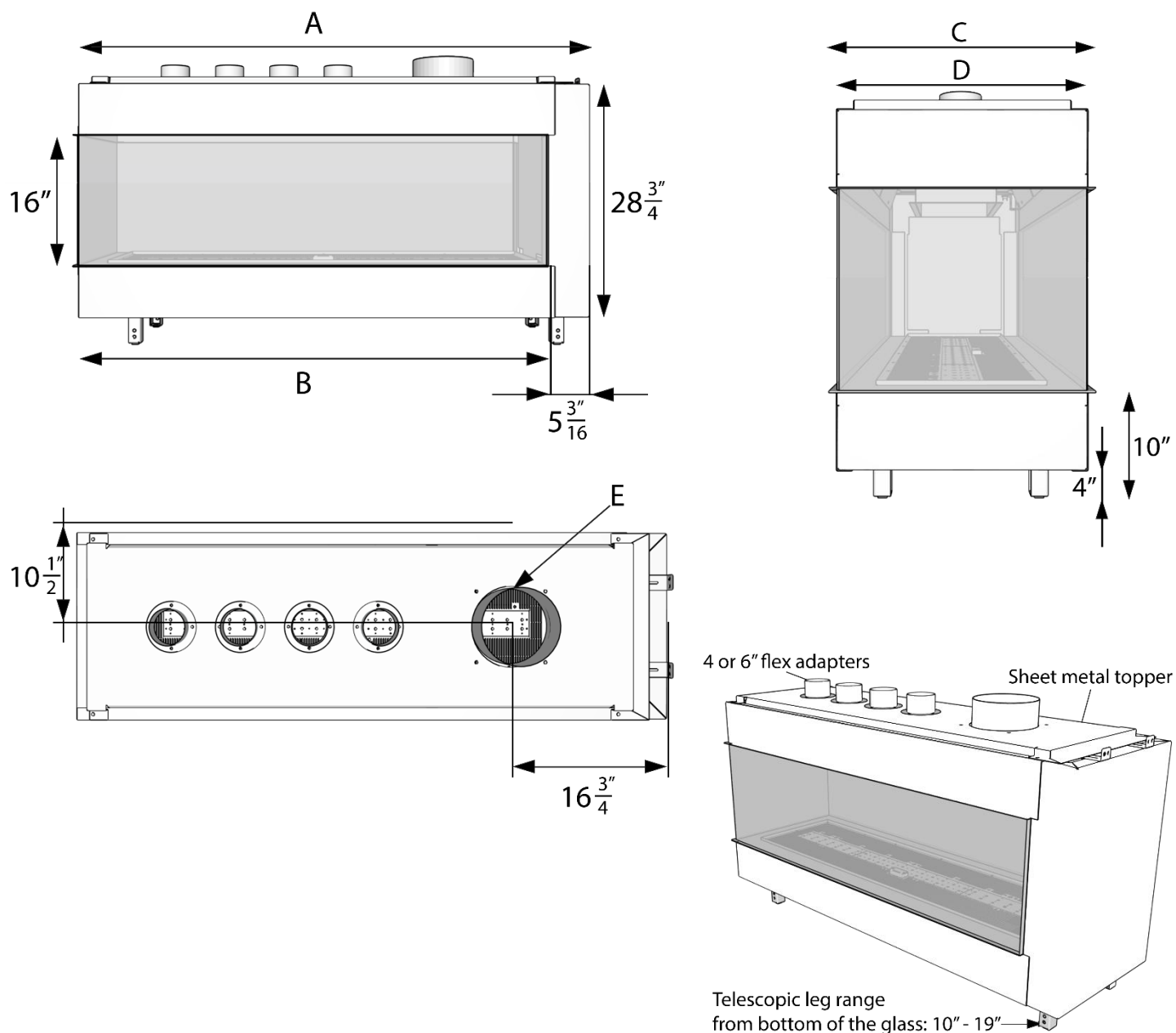


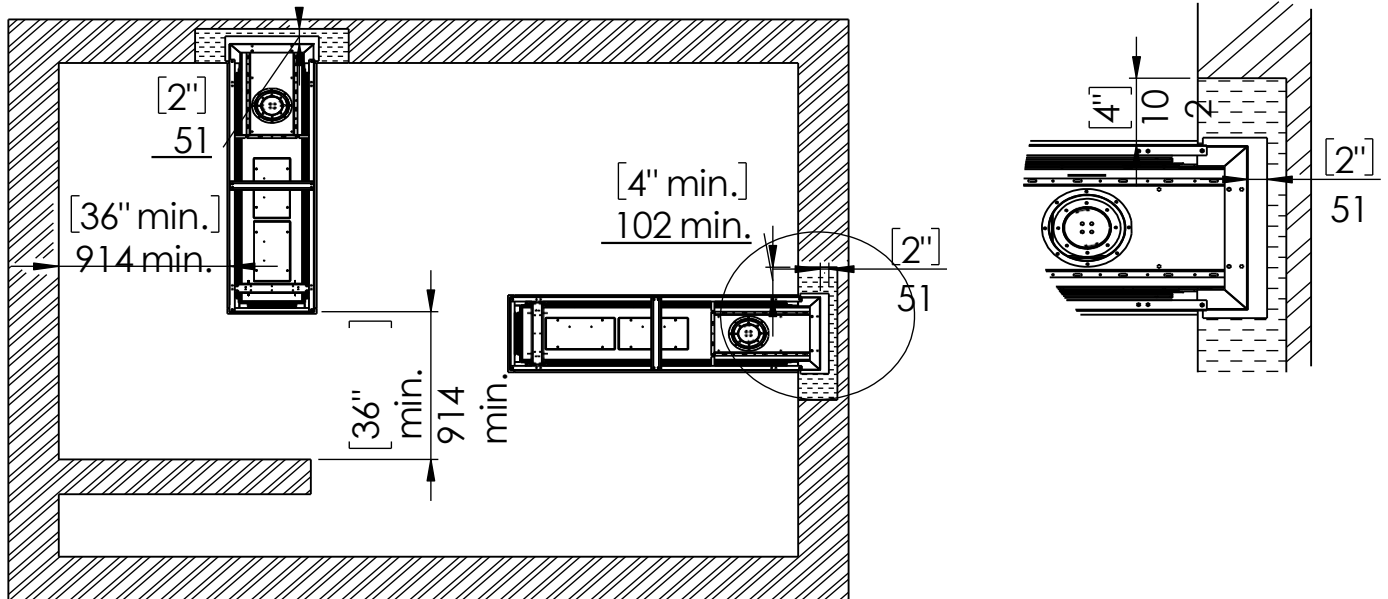
Heat Flex – Passive – Room Definer – Wood Framing - Regular

Fireplace Dimensions



Model		45	50	60	70	80	100
A	IN	46 $\frac{5}{16}$	53	62 $\frac{13}{16}$	72 $\frac{11}{16}$	85 $\frac{4}{16}$	102 $\frac{3}{16}$
	MM	1176	1346	1596	1846	2166	2596
B	IN	41	47 $\frac{11}{16}$	57 $\frac{9}{16}$	67 $\frac{6}{16}$	80	96 $\frac{15}{16}$
	MM	1041	1211	1462	1711	2032	2462
C	IN	20 $\frac{15}{16}$	20 $\frac{15}{16}$	20 $\frac{15}{16}$	20 $\frac{15}{16}$	20 $\frac{15}{16}$	20 $\frac{15}{16}$
	MM	531	531	531	531	531	531
D	IN	19 $\frac{15}{16}$	19 $\frac{15}{16}$	19 $\frac{15}{16}$	19 $\frac{15}{16}$	19 $\frac{15}{16}$	19 $\frac{15}{16}$
	MM	506	506	506	506	506	506
E	IN	5x8	5x8	5x8	5x8	5x8	5x8
	MM	127x203	127x203	127x203	127x203	127x203	127x203

Clearances below are to non-combustible materials.



 Combustible Materials
 Non-Combustible Materials

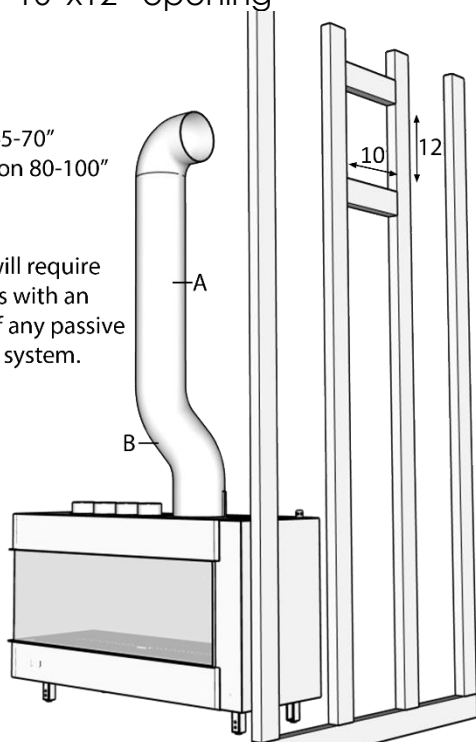
Chimney Installation

Horizontal Termination

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

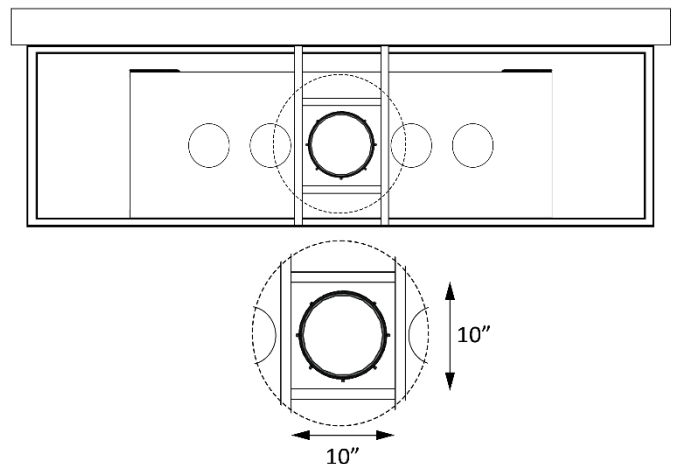
A: 48" min rise on 45-70" fireplaces. 72" min on 80-100" fireplaces

B: Room Definers will require 2 45-degree elbows with an offset off the top of any passive heat flex equipped system.



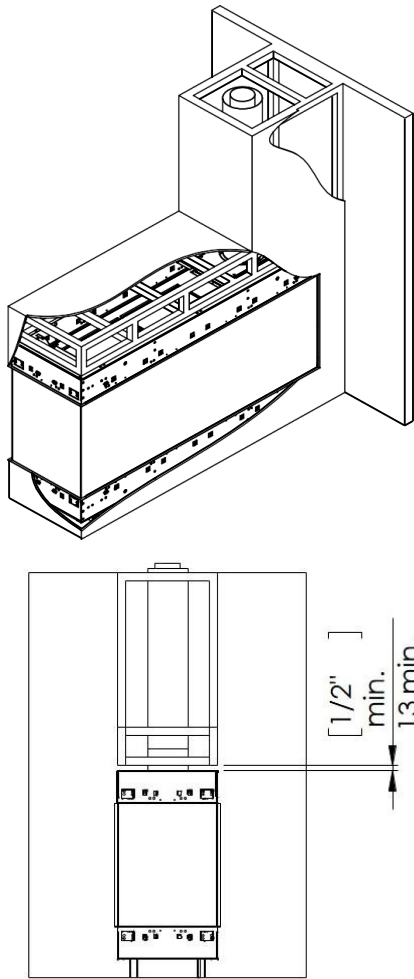
Vertical Termination

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



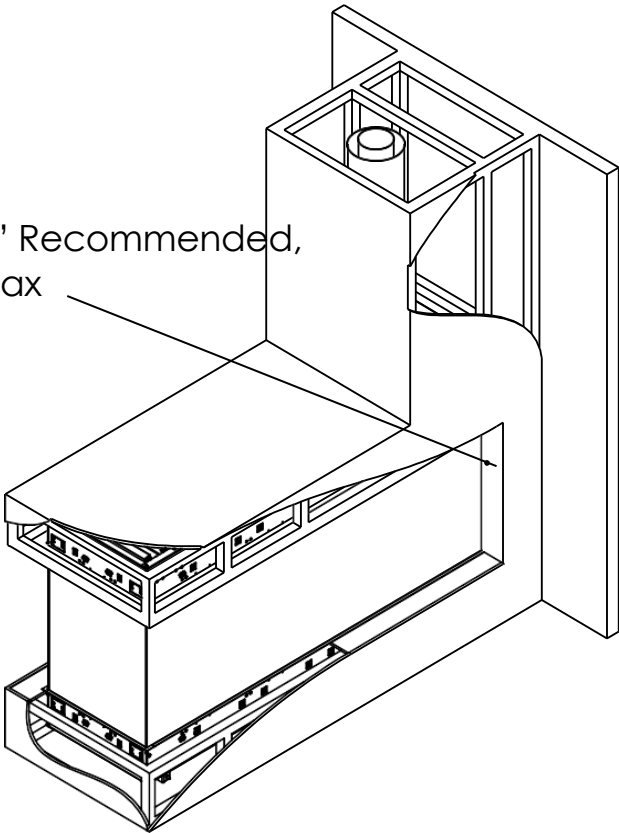
Flat vs Recessed Installation

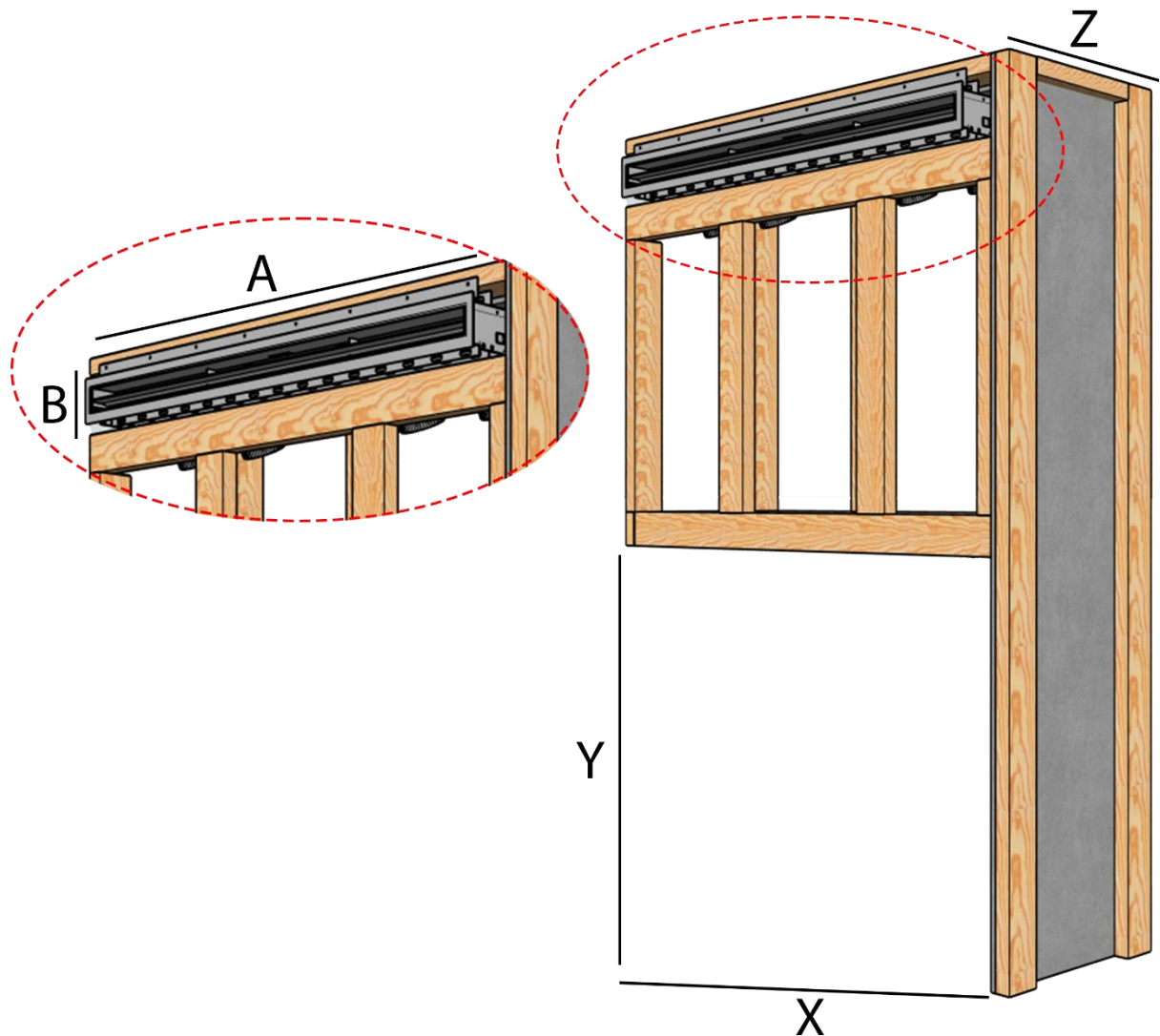
Flat Installation



Recessed Installation

0 - 4" Recommended,
8" Max





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")		
45	IN	49 5/16	36	19 15/16	27 15/16	47 3/16	5 1/2
	MM	1252	914	506	709	1199	140
50	IN	56	36	19 15/16	27 15/16	47 3/16	5 1/2
	MM	1422	914	506	709	1199	140
60	IN	65 13/16	36	19 15/16	27 15/16	57	5 1/2
	MM	1671	914	506	709	1448	140
70	IN	75 11/16	36	19 15/16	27 15/16	57	5 1/2
	MM	1922	914	506	709	1448	140
80	IN	88 4/16	36	19 15/16	27 15/16	84 1/16	5 1/2
	MM	2241	914	506	709	2135	140
100	IN	105 3/16	36	19 15/16	27 15/16	84 1/16	5 1/2
	MM	2671	914	506	709	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			

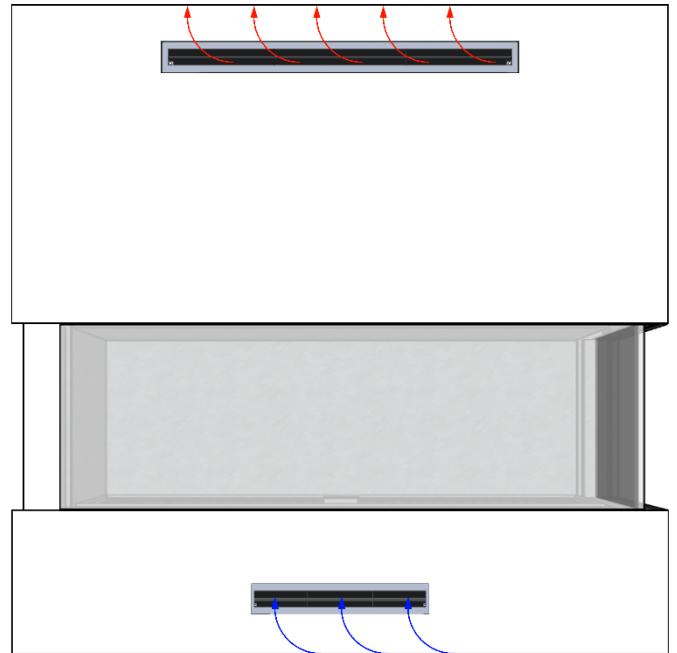
**Standardized heat release louver is included with passive heat kit.*

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.*



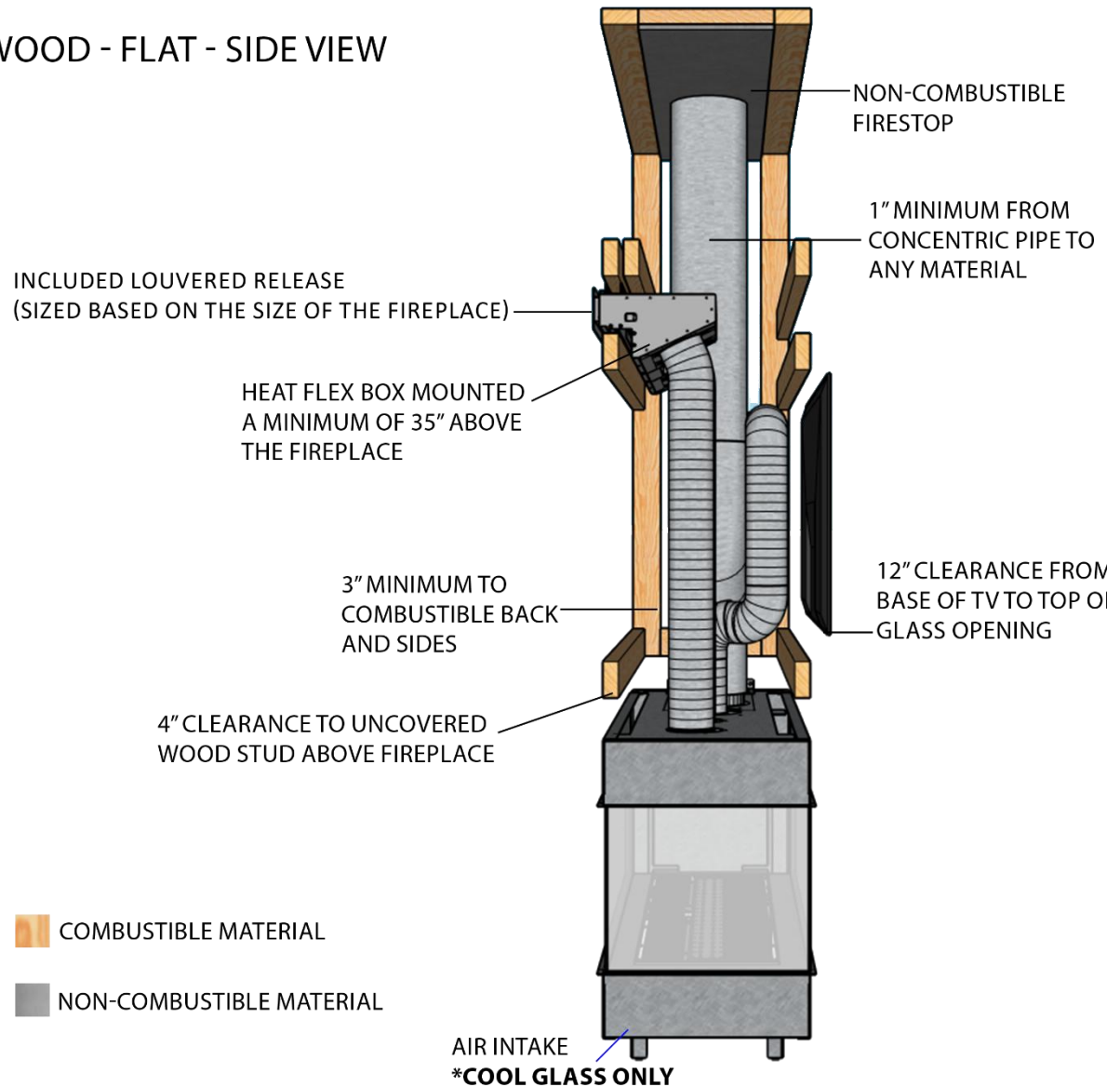
Passive Heat Flex Kit

The Passive Heat Flex System Includes:

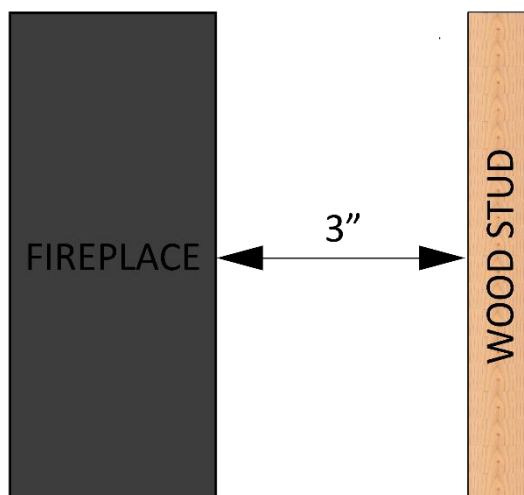
- Heat Flex Box
- Heat Release Louver and In-Wall Mount
- Flex Pipe Adapters

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.