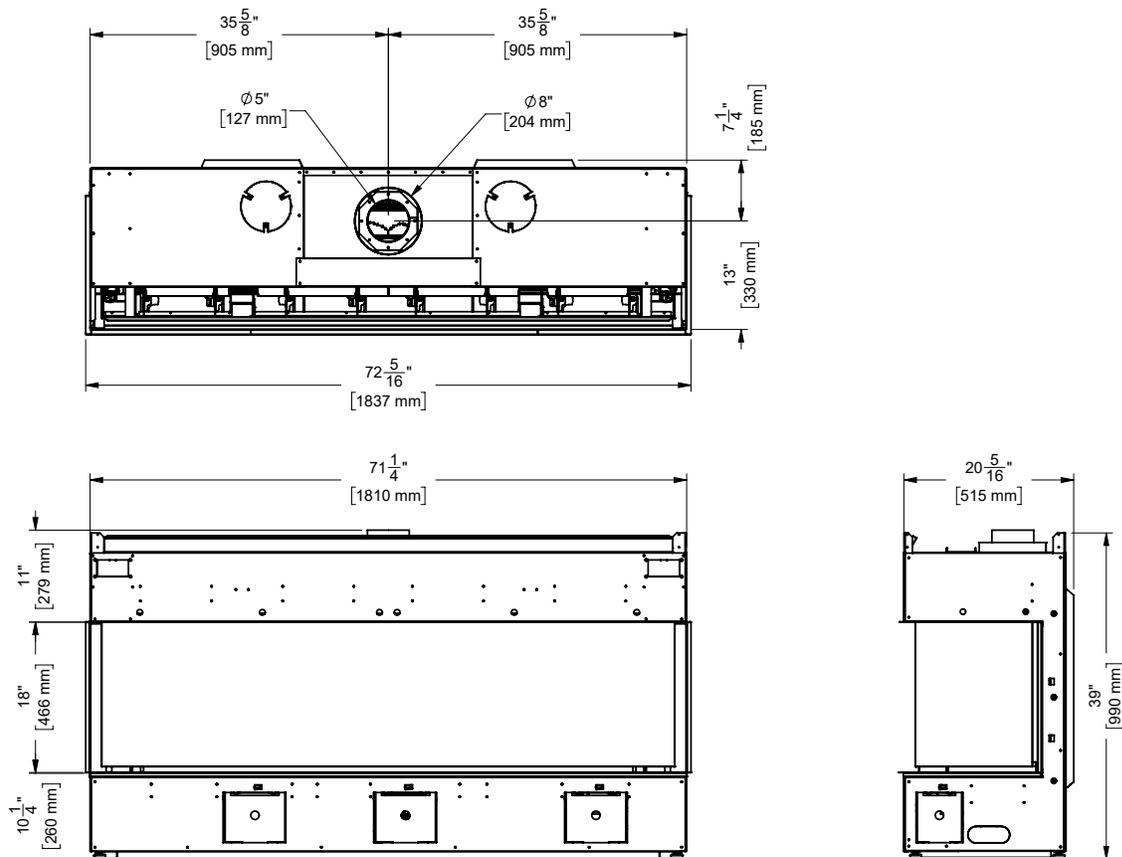


City Series CB60E Gas Fireplace

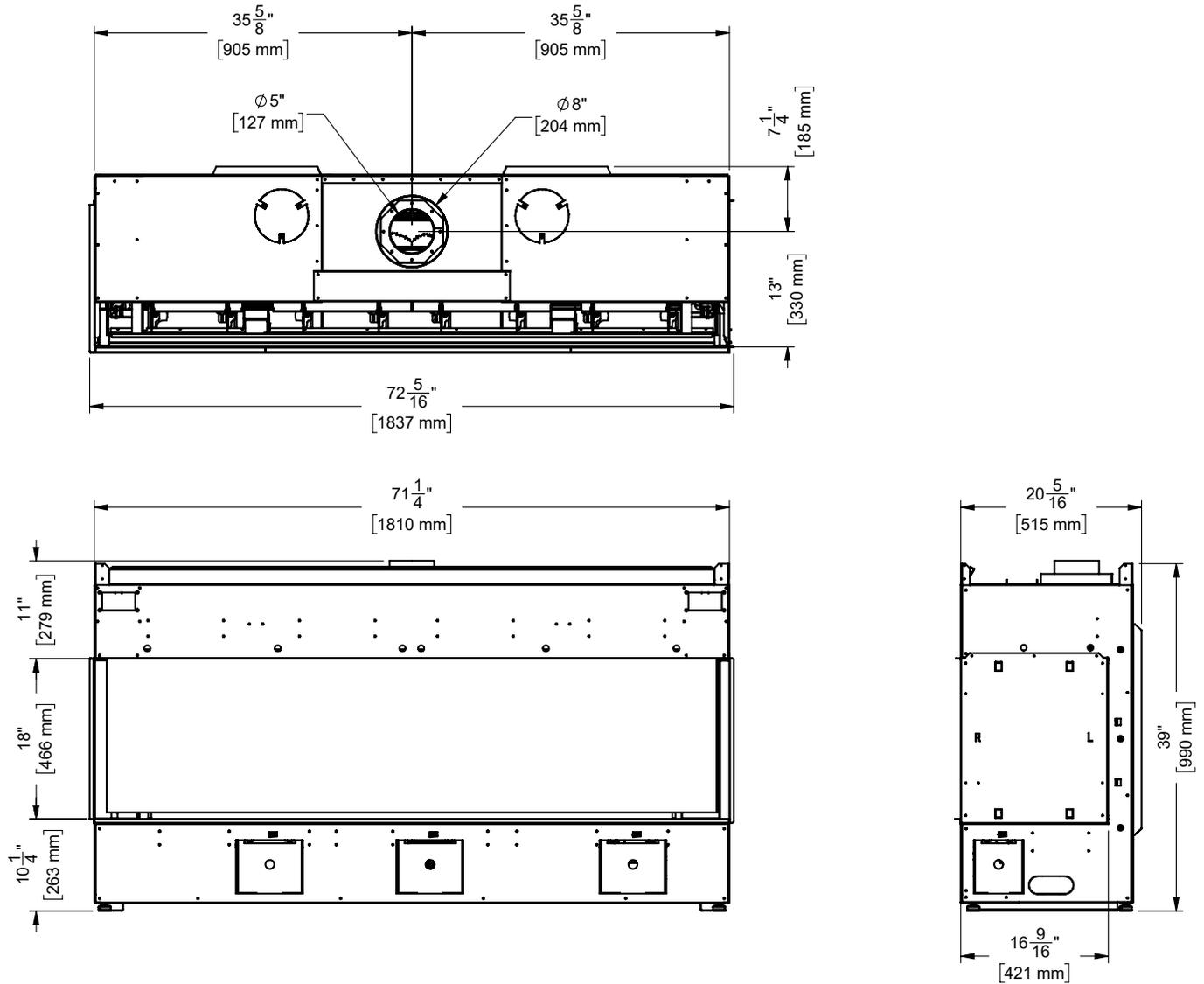
MODEL	CB60E-NG	CB60E-LP
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.73 kPa)
Manifold Pressure - High	3.8" W.C. (0.94 kPa)	10.5" W.C. (2.62 kPa)
Manifold Pressure - Low	1.1" W.C. (0.27 kPa)	2.9" W.C. (0.72 kPa)
Orifice Size -Altitude 0-4500 ft	# 32 DMS	# 50 DMS
Minimum Input Altitude 0-4500 ft. (0-1372m)	21,000 Btu/h (6.15 kW)	19,500 Btu/h (5.71 kW)
Maximum Input Altitude 0-4500 ft. (0-1372m)	39,000 Btu/h (11.42 kW)	36,000 Btu/h (10.54 kW)
Vent Sizing	5" Inner / 8" Outer	5" Inner / 8" Outer



CB60E Dimensions - Bay Install



CB60E Dimensions - (Corner Install)



CLEARANCES CB60E (3-SIDED)

The clearances listed below are Minimum distances unless otherwise stated:

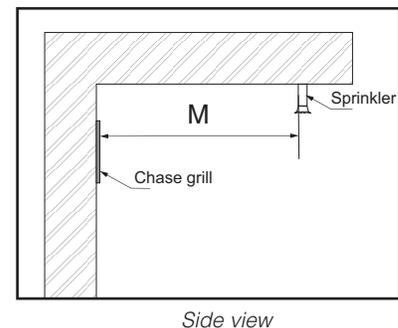
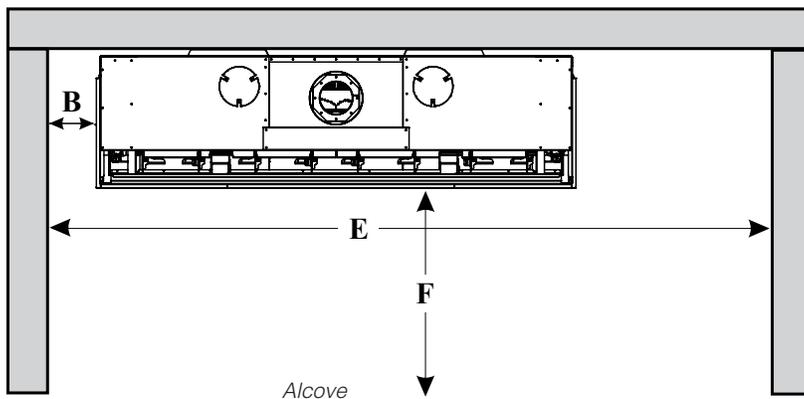
A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

Clearance:	Dimension	Measured From:
A1: Mantel Height (min.)	**	Top of Fireplace Opening
A: From Floor (min.)	10-1/4" (260 mm)	Bottom of Fireplace Opening
B: Sidewall (on one side) min.	5 7/8" (149 mm)	Side of Fireplace Opening
C: Enclosure Width (min.)	71-1/4" (1810 mm)	Minimum inside dimensions
D: Mantel Depth (max.)	**	
E: Alcove Width	119.5" (3035 mm)	Sidewall to Sidewall (Minimum)
F: Alcove Depth	35" (889 mm)	Front to Unit (Maximum)
G: Convection Air Outlet Opening Offset (min.)	1" (25 mm)	Max. offset from top of chase enclosure
H: Convection Air Outlet	180 square inches	
I Enclosure Depth (min.)	20-5/16" (516 mm)	Minimum inside dimensions
J: Opening Height	18" (457 mm)	Bottom/Top of Fireplace Opening
K: To Ceiling (min.) all 3 sides	1-3/4"	To Top of Ceiling
L: Chase Enclosure (min.)	81-1/4" (2064 mm)	From base of unit/floor to top of enclosure
M: Clearance to Sprinkler Head (min.)	36" (914mm)	Perpendicular from chase grill
Hearth	0"	No hearth required

** See mantel clearances chart in the manual.

Flue Clearances to Combustibles	
Horizontal - Top	3"
Horizontal - Side	2"
Horizontal - Bottom	2"
Vertical	2"
Passing through wall/floor/ceiling - when firestop is used.	1-1/2"

Note: This appliance uses 5" x 8" venting.

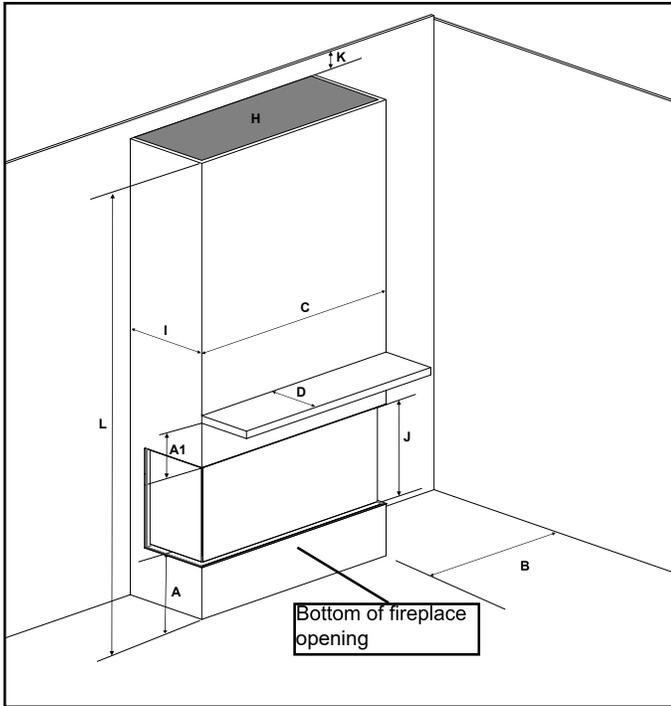


Heat Wave The *HeatWave* Duct Kit has different clearance and framing requirements, check the *HeatWave* manual for details.

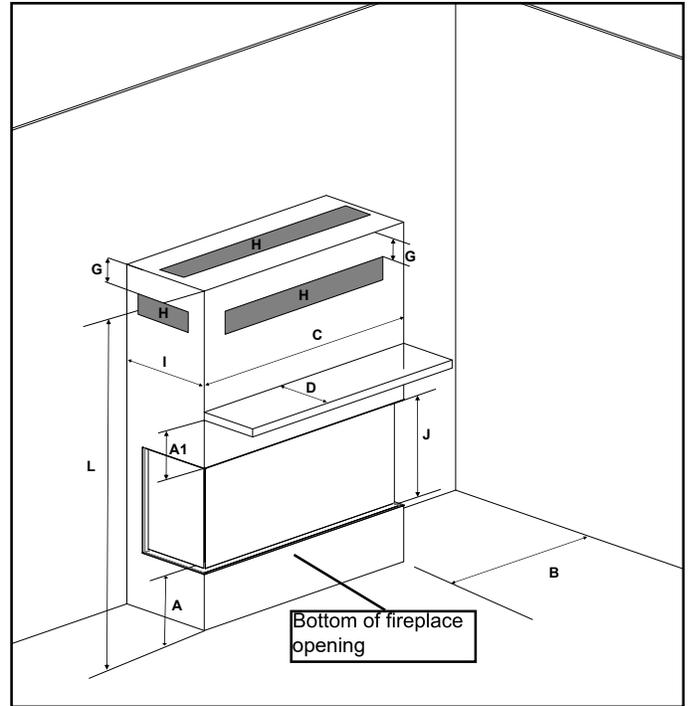
Caution Requirements
The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may **NOT** be recessed into combustible construction.

WARNING
Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

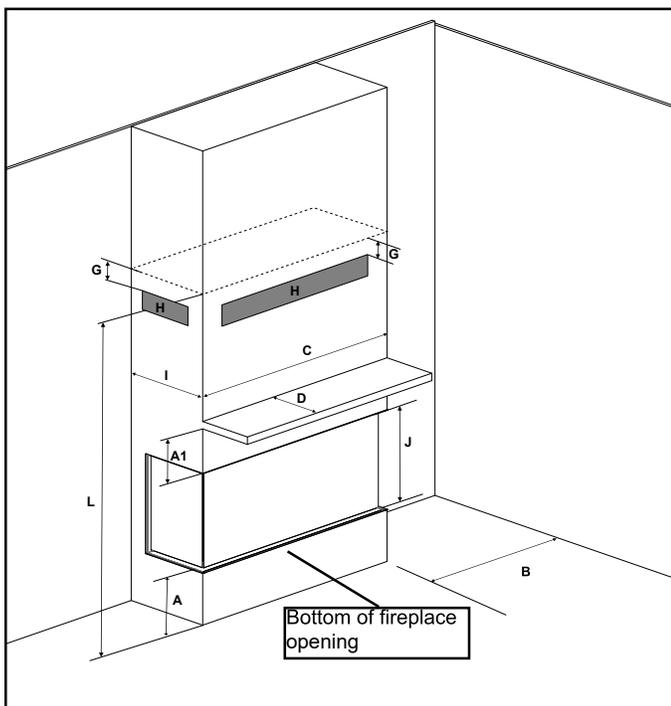
CLEARANCES CB60E (3-SIDED)



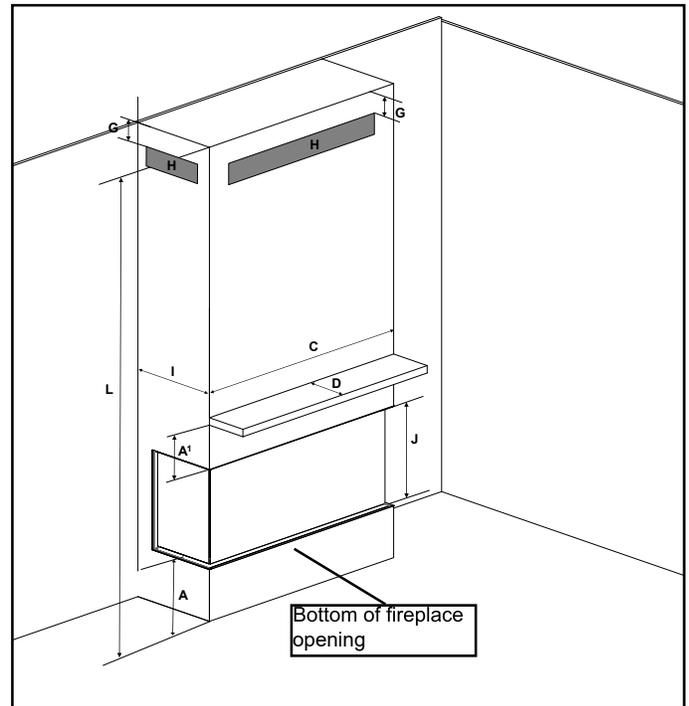
Floor to ceiling with top opening



Full framing with vents in front/sides or top



Full framing with low vents in front or sides



Full framing with vents in front or sides

CLEARANCES CB60E (Corner Install)

The clearances listed below are Minimum distances unless otherwise stated:

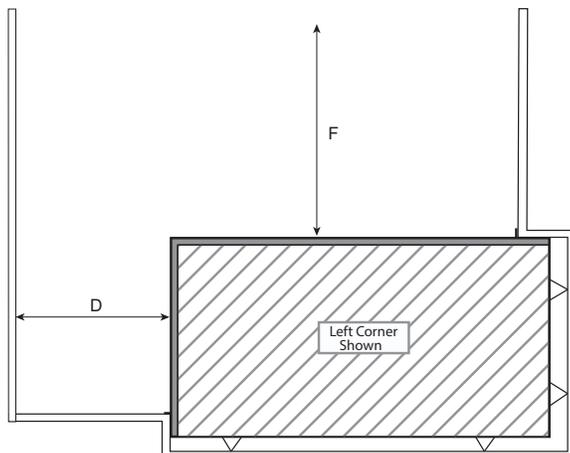
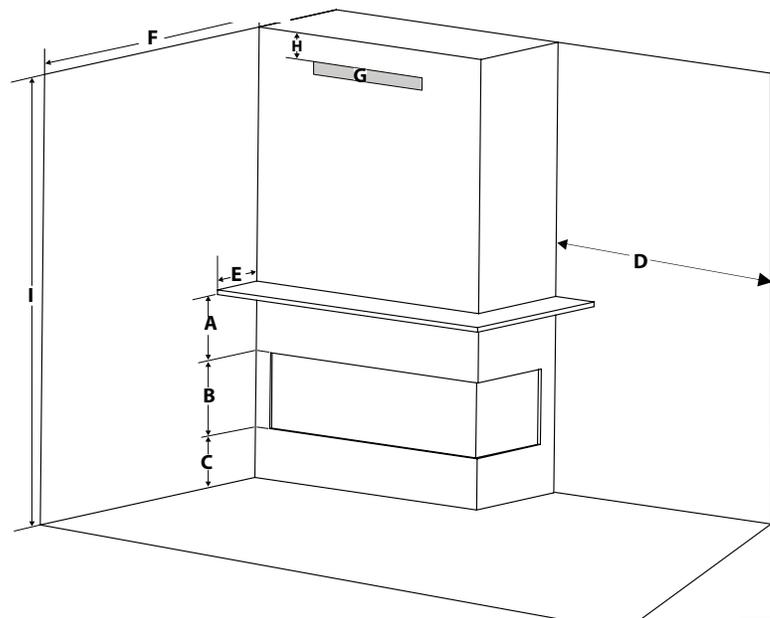
A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

Note: Left handed corner shown in illustration. Clearances will be the same for the right hand side.

Clearance:	Dimension	Measured From:
A: Mantel Height (min.)	**	Top of Fireplace Opening
B: Opening Height	18" (457 mm)	Bottom/Top of Fireplace Opening
C: From Floor (min.)	10-1/4" (260 mm)	Bottom of Fireplace Opening
D: Sidewall (on one side) min.	39" (991 mm)	Side of Fireplace Opening
E: Mantel Depth (max.)	**	Front of Fireplace Opening
F: Alcove Depth	35" (889 mm)	Front of Fireplace Opening
G: Convection Air Outlet	180 square inches	
H: Convection Air Outlet Opening Offset	*1" (25 mm)	Max. offset from top of chase enclosure
I: Chase Enclosure (Min.)	81-1/4" (2064 mm)	From Base of Unit/Floor to top of enclosure
Hearth	0"	No hearth required

Flue Clearances to Combustibles	
Horizontal - Top	3"
Horizontal - Side	2"
Horizontal - Bottom	2"
Vertical	2"
Passing through wall/floor/ceiling - when firestop is used.	1-1/2"

** See mantel clearances chart in this manual.



Top View Alcove

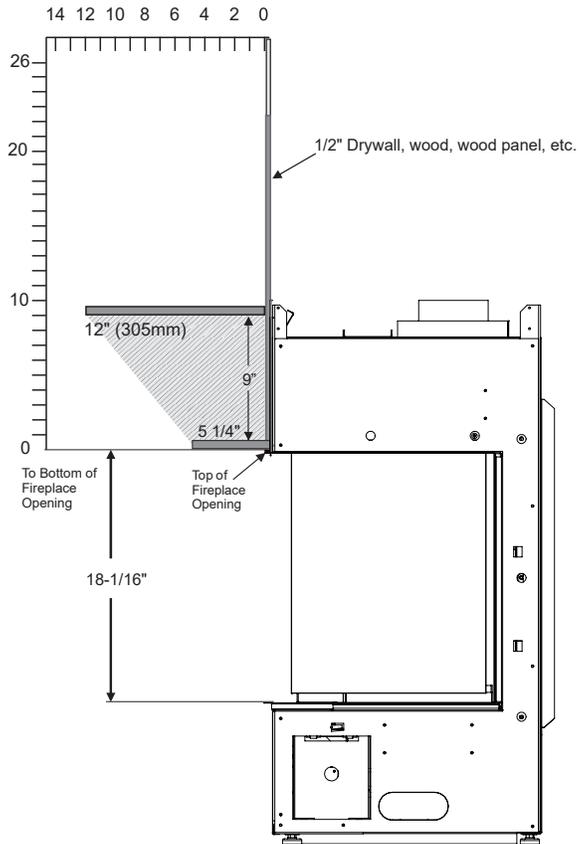
Heat Wave The *HeatWave* Duct Kit has different clearance and framing requirements, check the *HeatWave* manual for details.

Caution Requirements
The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may NOT be recessed into combustible construction.

WARNING
Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

MANTEL CLEARANCES CB60E (3-SIDED)

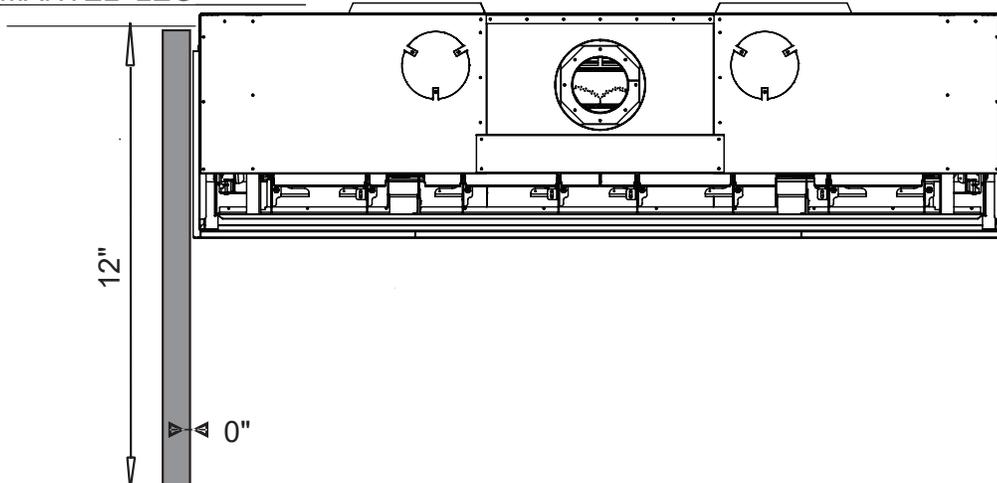
Combustible mantel clearances from top of front facing are shown in the diagram on the right.



Mantel Leg Clearances

Combustible mantel leg clearances as per diagram:

MANTEL LEG



FRAMING DIMENSIONS CB60E (3-SIDED)

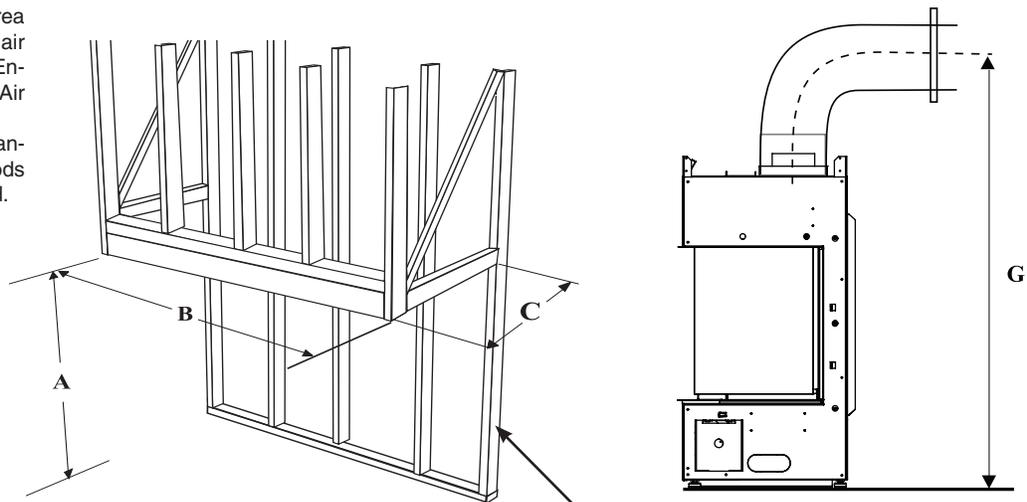
NOTE: Framing may be constructed of combustible material (ie. 2 x 4) and does not require steel studs.

Framing Dimensions	Description	CB60E
A	Framing Height	41-1/4" (1 048 mm)
B	Framing Width	71-1/4" (1810 mm)
C*	Framing Depth	20-5/16" (516 mm)
D	Minimum Height to Combustibles	81-1/4" (2038 mm)
G	Vent Centerline Height	58-3/16" (1478 mm)
**	Gas Connection Opening Height	See gas connection location in this manual
**	Gas Connection Height	See gas connection location in this manual
**	Gas Connection Inset-Centre Opening	See gas connection location in this manual

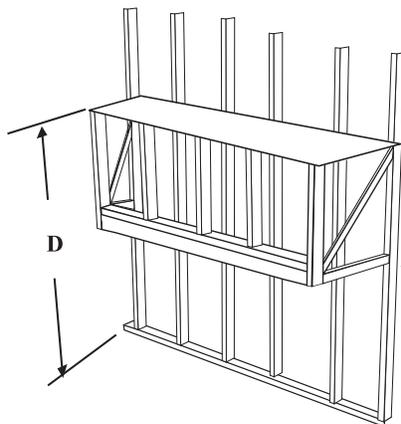
* Not in diagram below
 ** See manual for alternate Gas/ Electrical connection options

Ensure that the wood base that the appliance will sit on is strong enough to support the full weight of this appliance. The overall weight of this appliance is 460 pounds (shipping weight).

Note: A combined minimum of 180 square inches of open area is required for the convection air outlet to cool the enclosure. Ensure clearances for Convection Air Outlets are met. See clearances CB60E in this manual as there are different methods as to how this can be achieved.



Note: This appliance must be installed on a solid surface such as a plywood floor which must be the full width and depth of the appliance.



Note: Unit must be installed onto a solid backwall - do not install directly onto studs.

*C
 Note : The framing depth does not take into account drywall/wood or similar materials against the back wall. The framing depth will need to change based on the thickness of the material (example: 20-5/16 framing depth + 1/2 drywall = 20 13/16")

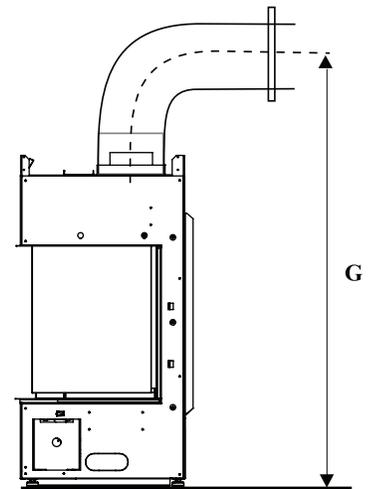
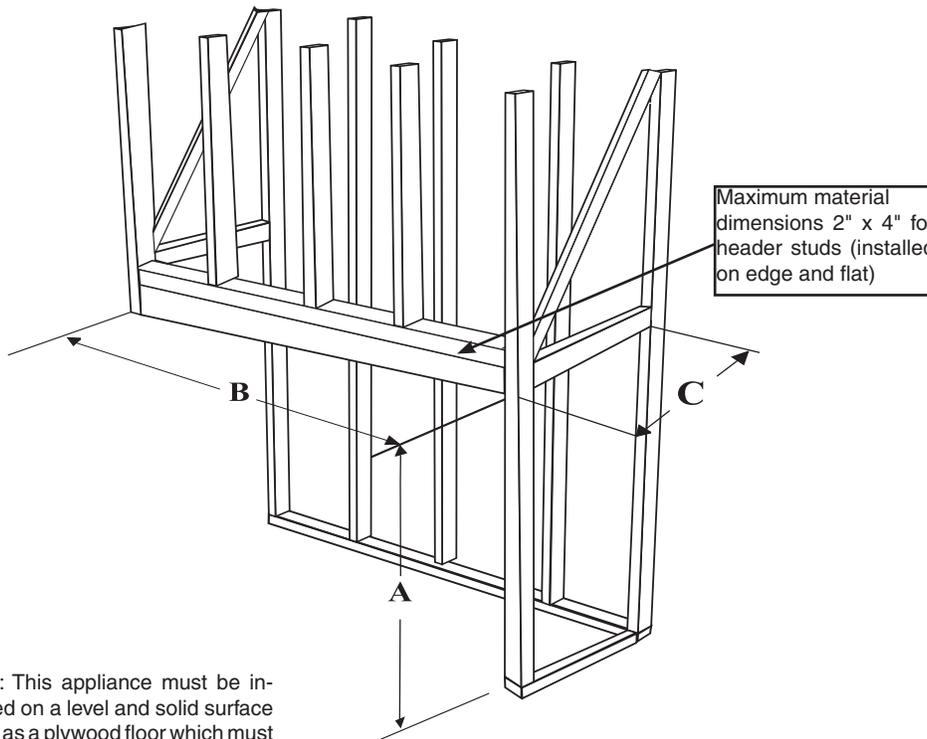
Framing Dimensions Corner Kit - Corner Install (Right Corner)

NOTE: Framing may be constructed of combustible material (ie. 2 x 4) and does not require steel studs.

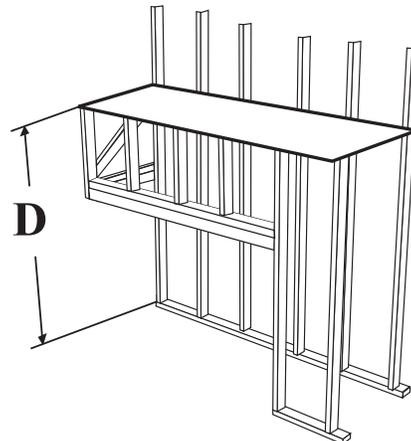
Framing Dimensions	Description	Corner Kit
A	Framing Height	41-1/4" (1048 mm)
B	Framing Width	71-1/4" (1810 mm)
C	Framing Depth	20-5/16" (516mm)
D	Unit Base to Top Enclosure (Min.)	81-1/4"(2038 mm)
G	Vent Centerline Height	58-3/16" (1478 mm)

Note: A combined minimum of 180 square inches of open area is required for the convection air outlet to cool the enclosure. Ensure clearances for Convection Air Outlets are met. See clearances CB60E in this manual as there are different methods as to how this can be achieved.

NOTE: Unit cannot be load-bearing. All finishing materials must be supported by the framing.



Note: This appliance must be installed on a level and solid surface such as a plywood floor which must be the full width and depth of the appliance.



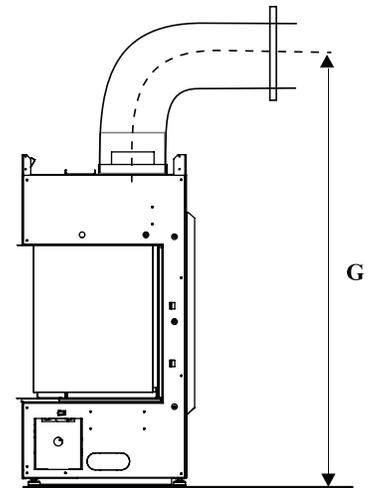
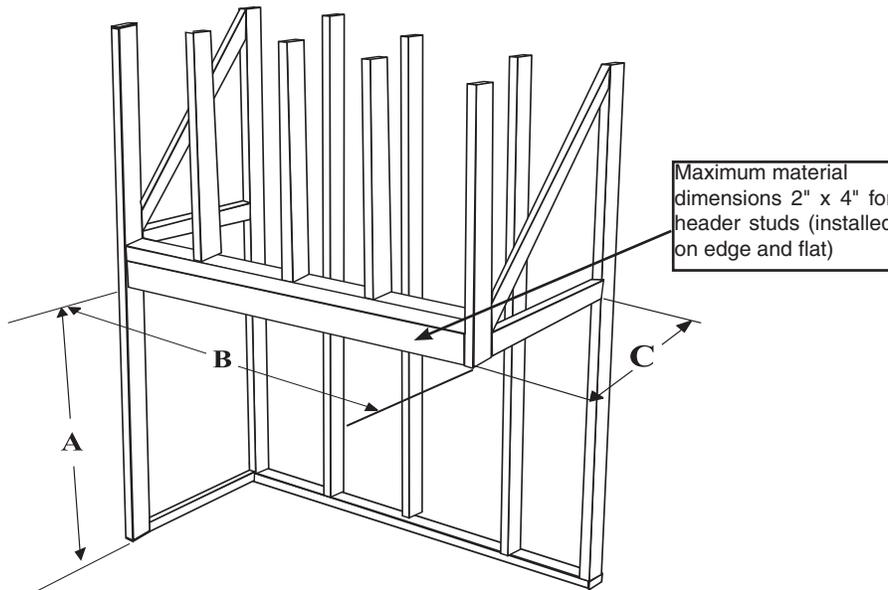
Framing Dimensions Corner Kit - Corner Install (Left Corner)

NOTE: Framing may be constructed of combustible material (ie. 2 x 4) and does not require steel studs.

Framing Dimensions	Description	Corner Kit
A	Framing Height	41-1/4" (1048 mm)
B	Framing Width	71-1/4" (1810 mm)
C	Framing Depth	20-5/16" (516mm)
D	Unit Base to Top Enclosure (Min.)	81-1/4"(2038 mm)
G	Vent Centerline Height	58-3/16" (1478 mm)

Note: A combined minimum of 180 square inches of open area is required for the convection air outlet to cool the enclosure. Ensure clearances for Convection Air Outlets are met. See clearances CB60E in this manual as there are different methods as to how this can be achieved.

NOTE: Unit cannot be load-bearing. All finishing materials must be supported by the framing.



Note: This appliance must be installed on a level and solid surface such as a plywood floor which must be the full width and depth of the appliance.

