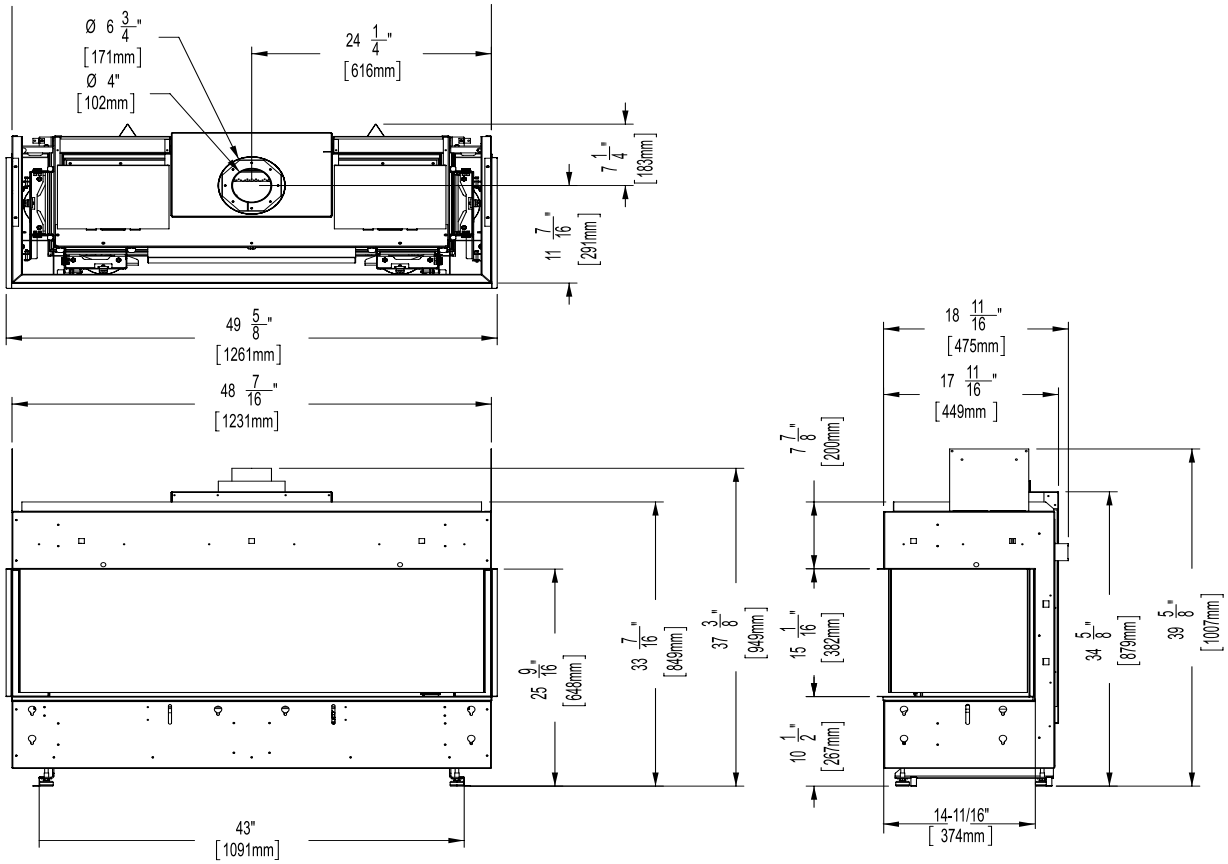
City Series CB40E-12 Direct Vent Gas Fireplace

Model	CB40E-NG12	CB40E-LP12
Fuel	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. (2.61 kPa)
Manifold Pressure - Low	1.1" W.C. (0.27 kPa)	2.9" W.C. (0.72 kPa)
Orifice Size Altitude 0-4500 pi (0-1372 m)	#42 DMS	#53 DMS
Minimum Input Altitude 0-4500 pi (0-1372 m)	15,500 Btu/h (4.54 kW)	15,500 Btu/h (4.54 kW)
Maximum Input Altitude 0-4500 pi (0-1372 m)	28,500 Btu/h (8.35 kW)	28,500 Btu/h (8.35 kW)
Vent Sizing	4" Inner / 6-5/8" Outer	4" Inner / 6-5/8" Outer
CSA P.4.1	55.23%	56.06%

DIMENSIONS

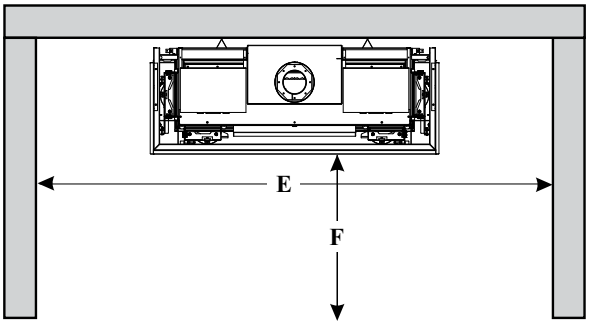


CLEARANCES

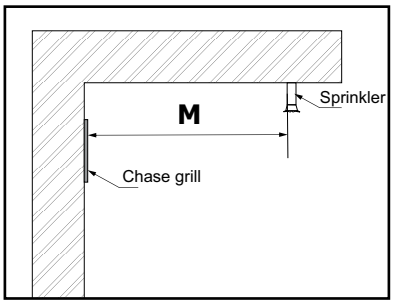
Clearance: 3 sided	Dimension	Measured From:
A: From Floor	Min. 0"	Bottom of Fireplace Opening
A1 : Mantel Height (min.)	**	Top of Fireplace Opening
B: Sidewall (on one side)	8-1/2" (216 mm)	Side of Fireplace Opening
C: Enclosure Width (min.)	48-7/16" (1230 mm)	Minimum inside dimensions
D: Mantel Depth (max.)	**	
E: Alcove Width	84" (2134 mm)	Side wall to side wall (min.)
F: Alcove Depth	36" (914 mm)	Front of Unit
G: To Enclosure Ceiling (min/max)	0-3" (0-76 mm)	From top of enclosure
H: Convection Air outlet	120 sq. inches (0.07 sq. meters) (min)	* Top/front or side of enclosure
I: Enclosure Depth (min.)	19" (483 mm)	Minimum inside dimensions
J: Opening Height	15-1/16" (383 mm)	Bottom/Top of Fireplace Opening
K: To Ceiling (min) All 3 sides	1-1/2" (38 mm)	To Top of Ceiling
L: Chase Enclosure (min.)	63" (1600 mm)	From base of unit/floor
M: Clearance to sprinkler head (Min.)	36" (914 mm)	Perpendicular from chase grill
Hearth	0"	No hearth required
** See mantel clearances chart in this section		

Flue Clearances to Combustibles	
Horizontal - Top	3" (76 mm)
Horizontal - Side	2" (51 mm)
Horizontal - Bottom	2" (51 mm)
Vertical	2" (51 mm)
Passing through wall/ floor/ceiling - when firestop is used.	1-1/2" (38 mm)

** A minimum of 120 square inches of open area, not lower than 3" (76 mm) from top of enclosure, required for all installations — this can be achieved by having an open area in front, each side, and/or above as shown in the four diagrams on the next page.*



Alcove



Side view

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

Caution Requirements

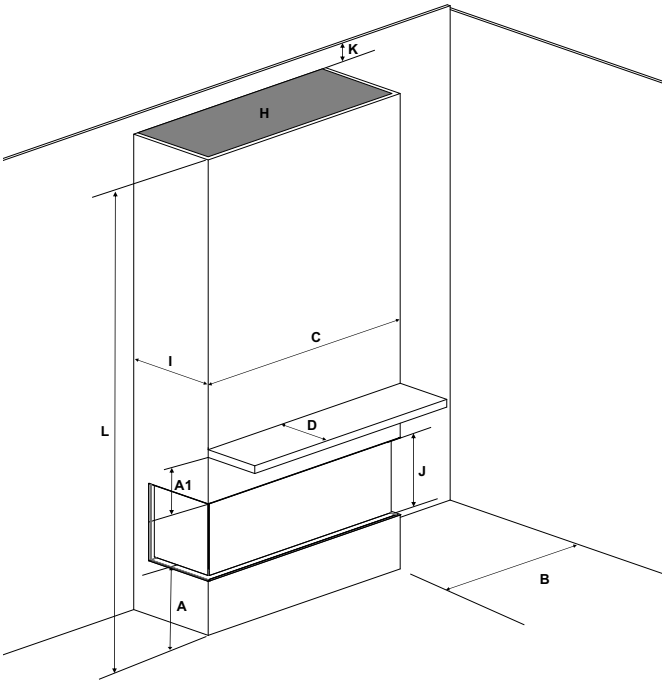
The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may **NOT** be recessed into combustible construction.

WARNING

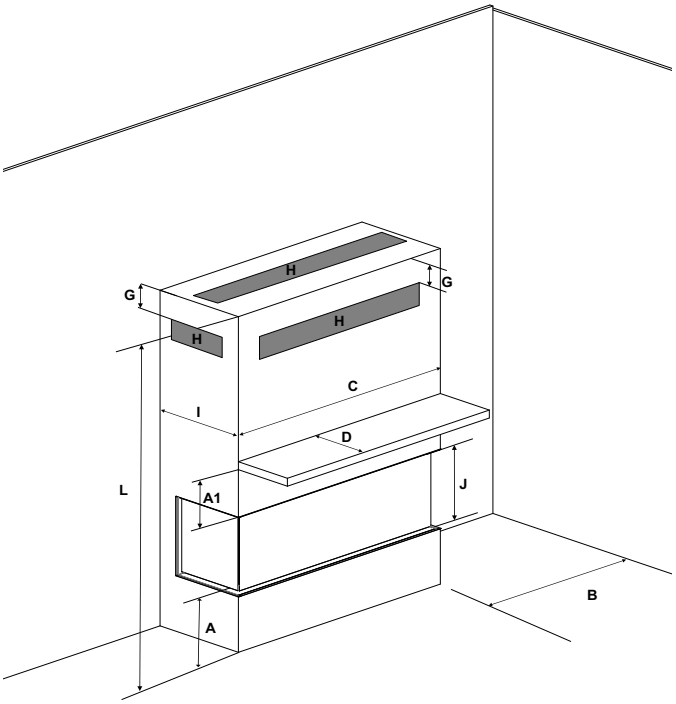
Fire hazard is an extreme risk

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.

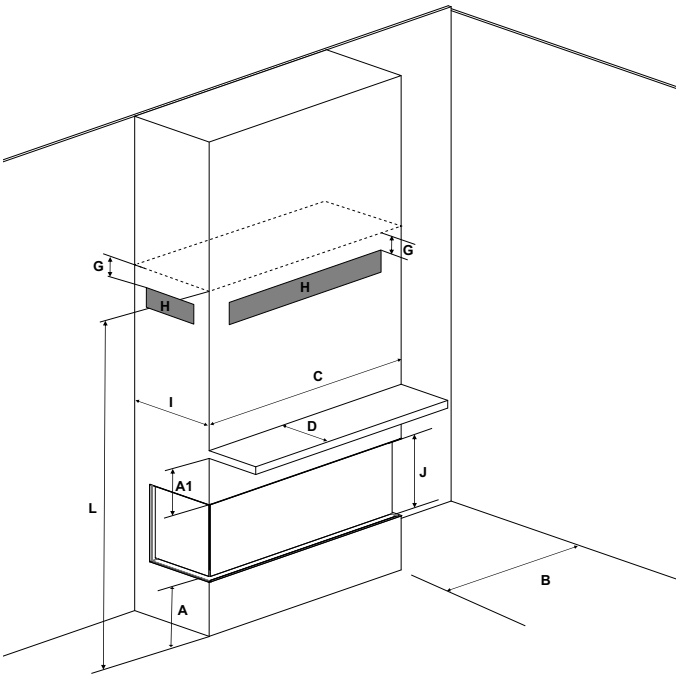
CLEARANCES



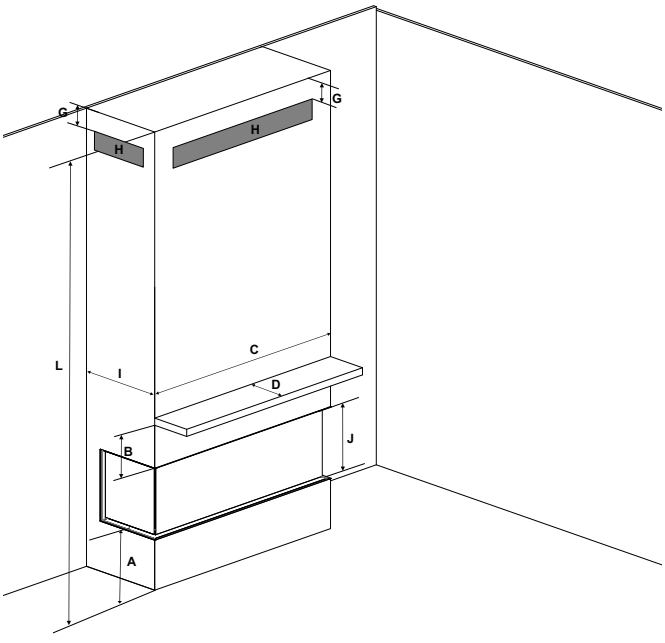
Floor to ceiling with top opening



Low framing with vents in front/2 sides or top



Full framing with low vents in front or 2 sides

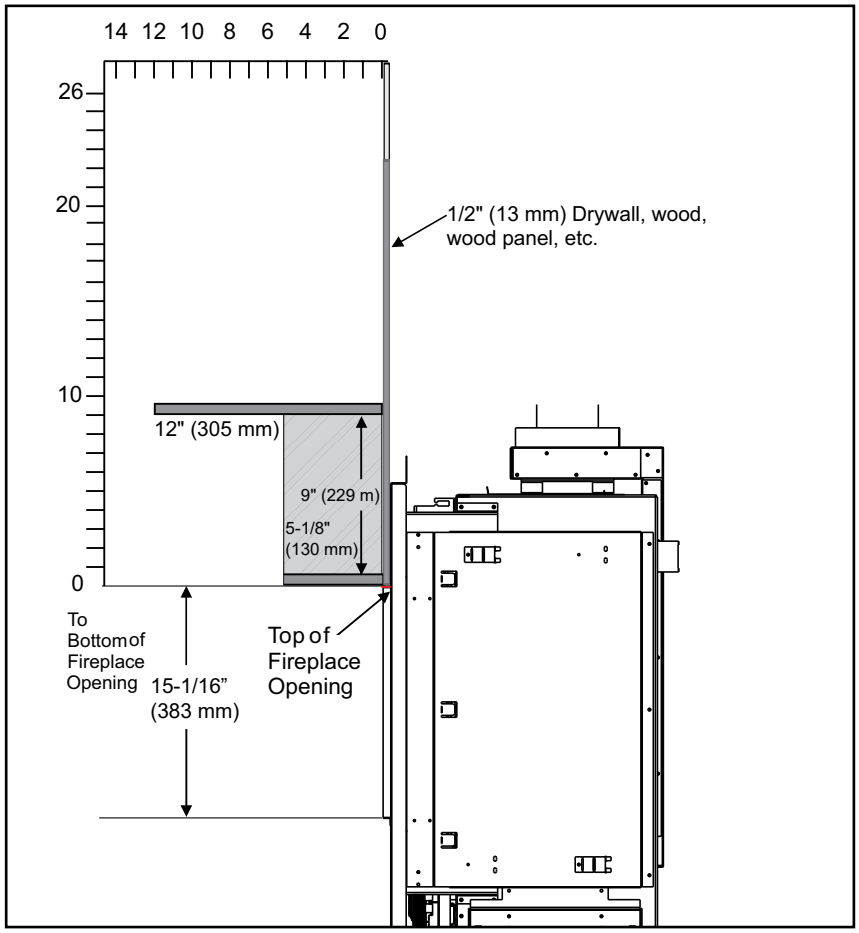


Full framing with vents in front or 2 sides

Note: The ventilation opening may only be placed above, on both sides and in front as shown above. Ventilation grills can never be placed behind the appliance.

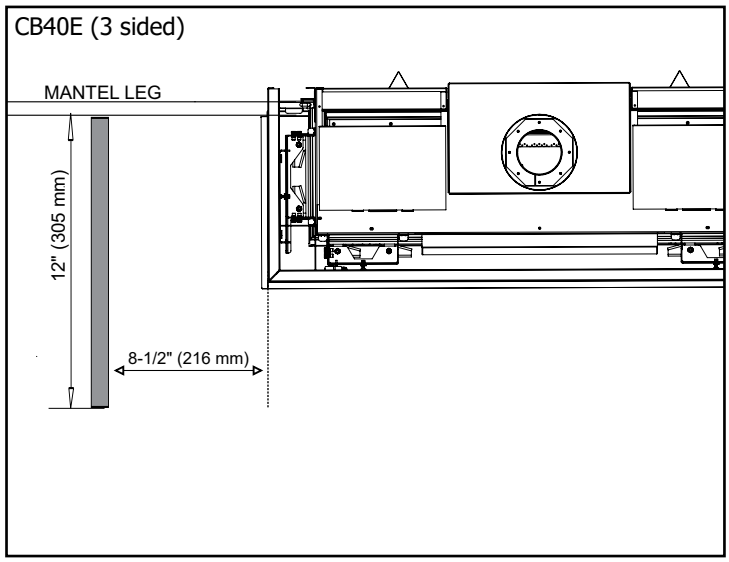
MANTEL CLEARANCES

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:

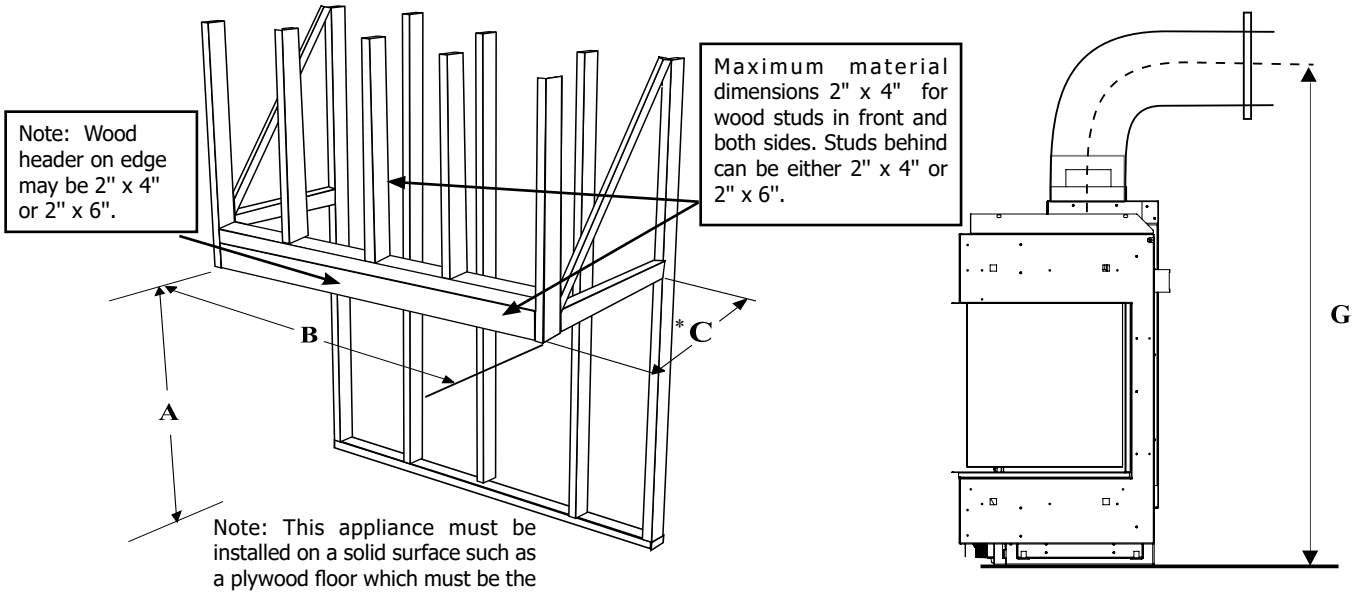


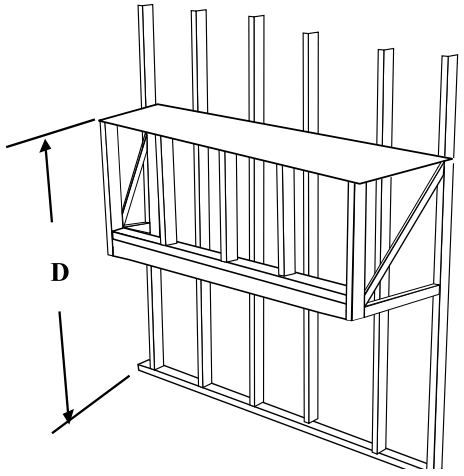
Framing Dimensions

NOTE: Framing may be constructed of combustible material (ie. 2x4) and does not require steel studs. Two (2) optional steel stud kits may also be purchased. These kits may be used in place of the conventional wood framing as shown below. It comes as a compact kit (flush to the appliance on all sides)or an extended kit. The extended kit protrudes beyond each side of the appliance as shown on the front cover of this manual. There is also an optional hearth kit which may be purchased as shown on the front cover of this manual. These kits are highly recommended as it was designed specifically for the product to facilitate ease of installation. See instructions in this manual for details.

Framing Dimensions	Description	CB40E
A	Framing Height	37-3/8" (949mm)
B	Framing Width	48-1/2" (1232mm)
*C	Framing Depth	19" (483mm)
D	Minimum Height to Combustibles	63"(1600mm)
G	Vent Centerline Height	56-1/4" (1429mm)

Note: A combined minimum of 120 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 CB40E (3 sided) in this manual as there are different methods as to how this can be achieved.
Note: Only basic framing dimensions are shown. The framing may also extend beyond the appliance on either side and also extend out front if a hearth is desired. See clearance/finishing requirements for details.
Note: Unit is not load bearing. All finished materials must be supported by framing.





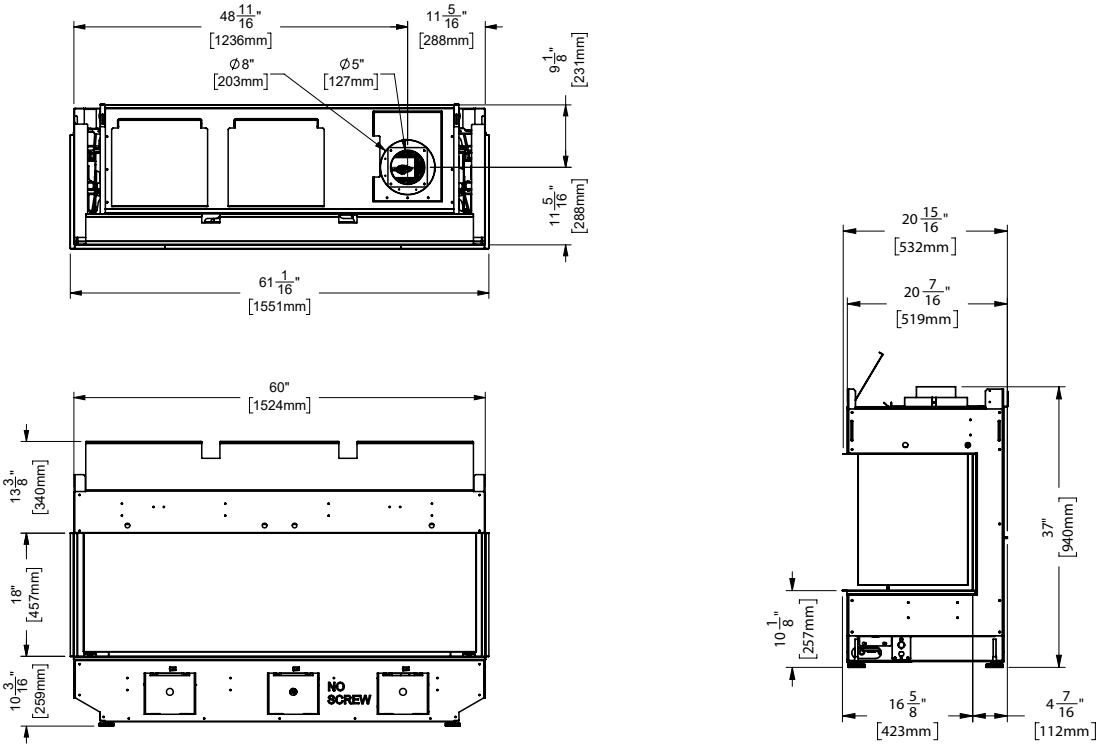
*The framing depth does not take into account drywall/wood or similar materials against the back wall. The framing depth will need to change based on the thickness of the material (example: 19" framing depth + 1/2" drywall = 19-1/2")

City Series CB50E Direct Vent Gas Fireplace

MODEL	CB50E-NG	CB50E-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	# 36 DMS	# 52 DMS
Minimum Input Altitude 0-4500 ft. (0-1372m)	19,000 Btu/h (5.56 kW)	17,000 Btu/h (4.98 kW)
Maximum Input Altitude 0-4500 ft. (0-1372m)	35,000 Btu/h (10.25 kW)	33,000 Btu/h (9.66 kW)
Vent Sizing	5" Inner / 8" Outer	5" Inner / 8" Outer
CSA P.4.1.	57.49%	60.55%

NOTE: This model comes with a 5" inner and 8" outer collar (127 mm x 203 mm) which must be reduced to 4" inner x 6-5/8" outer (102 mm x 168 mm) in all applications when used as a power vent system. See power vent manual for details.

Dimensions - Bay Install



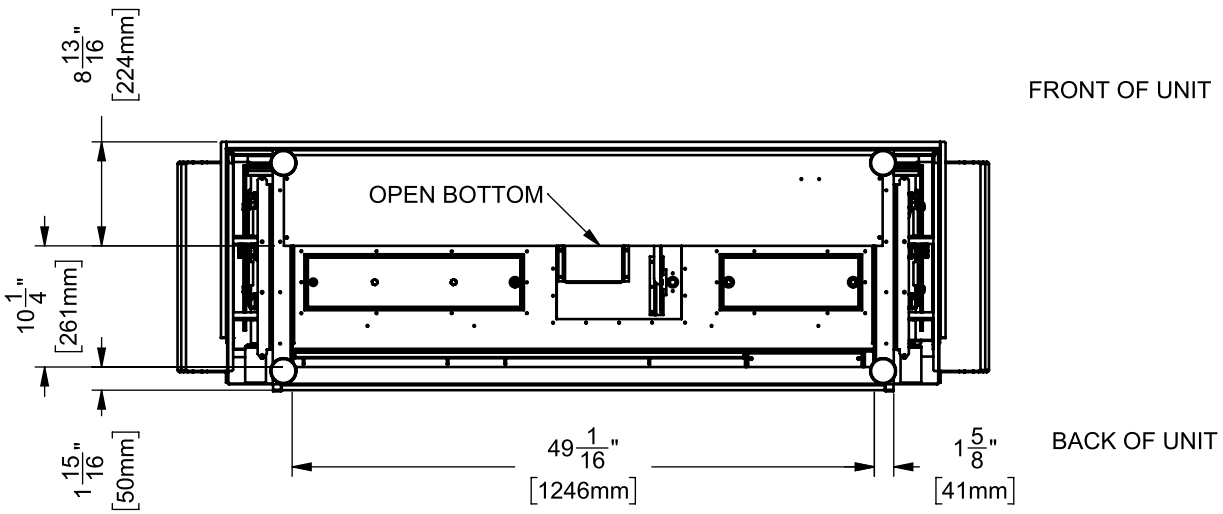
Note: Height Dimension is taken with leveling legs fully inserted and may vary depending on the height of the leveling legs, when unscrewed or extended.

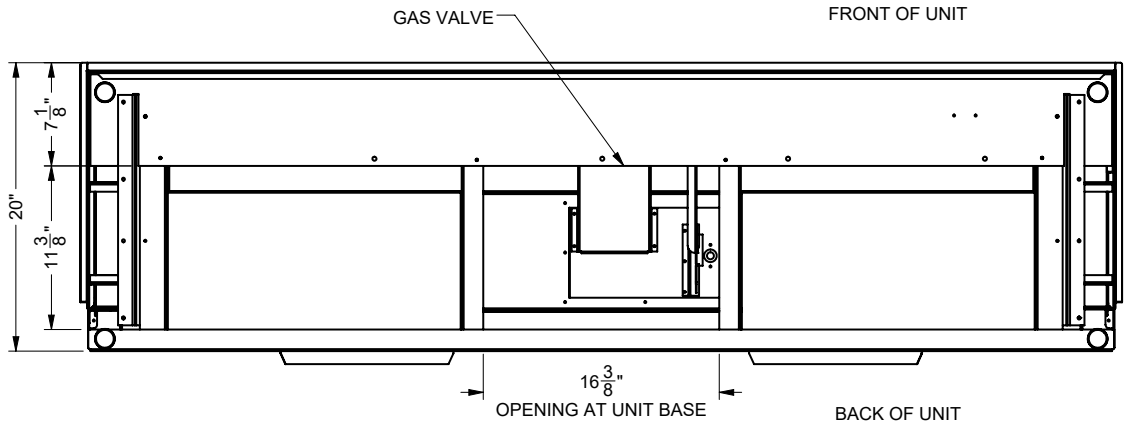
Dimensions will appear as (inches)" / (metric) mm throughout this manual. The inches are rounded to the nearest 1/16" when converted, when greater accuracy is required, use the metric dimensions.

Note: These units are non-load bearing.

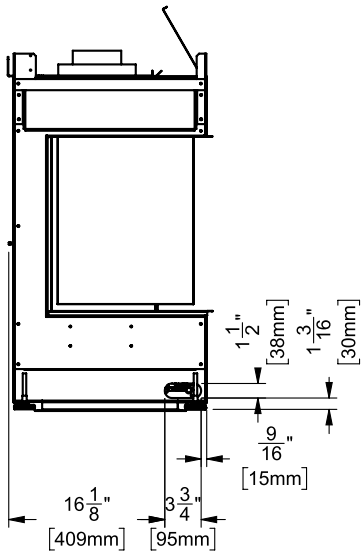
ALL PICTURES / DIAGRAMS SHOWN THROUGHOUT THIS MANUAL ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENTS.

Gas Connection - Bottom of Unit

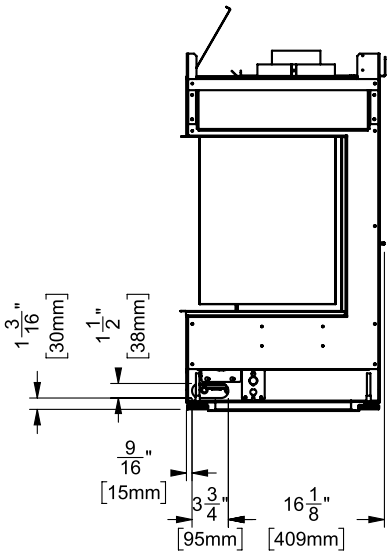




Gas Connection - Side of Unit

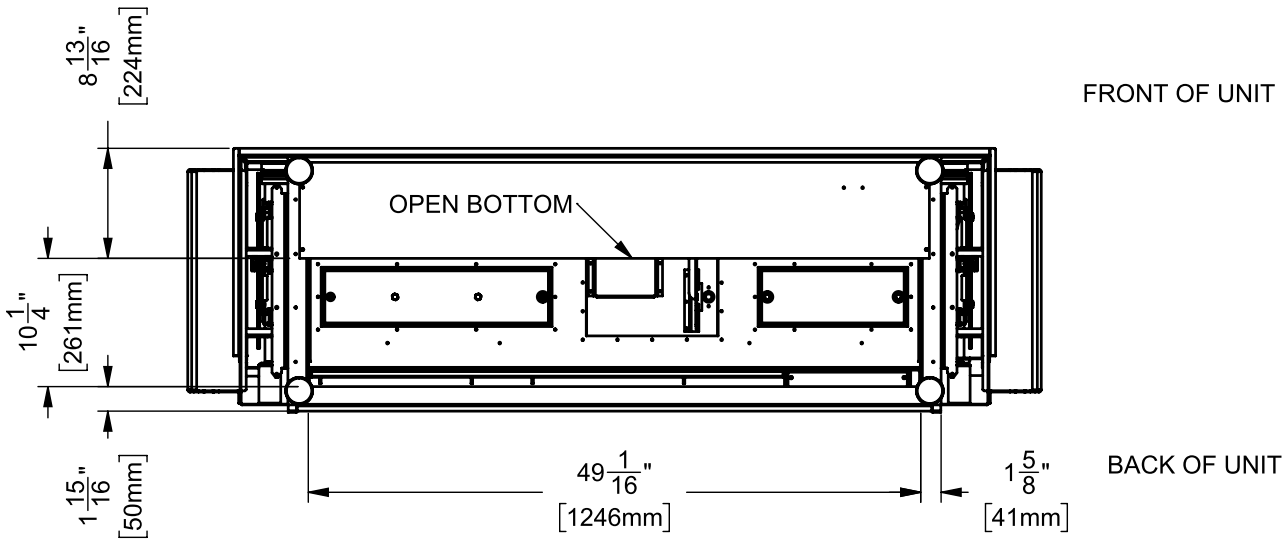


LEFT SIDE

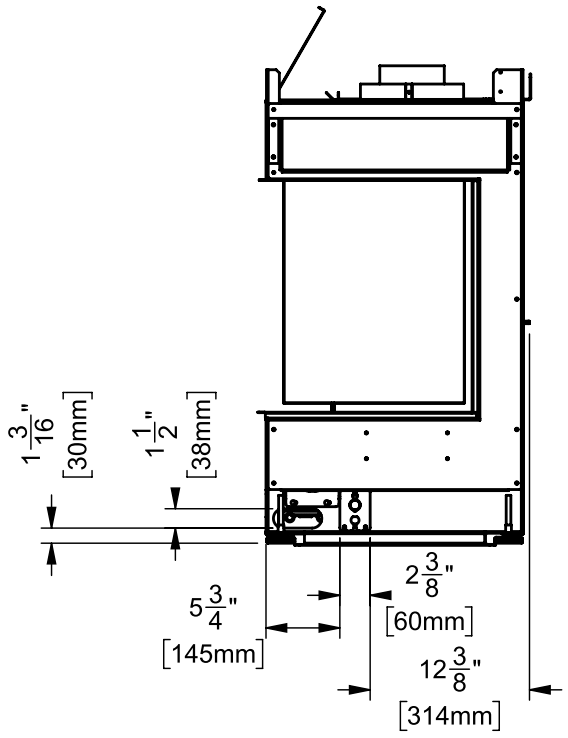


RIGHT SIDE

Electrical Connection - Bottom of Unit



Electrical Connection - Side of Unit



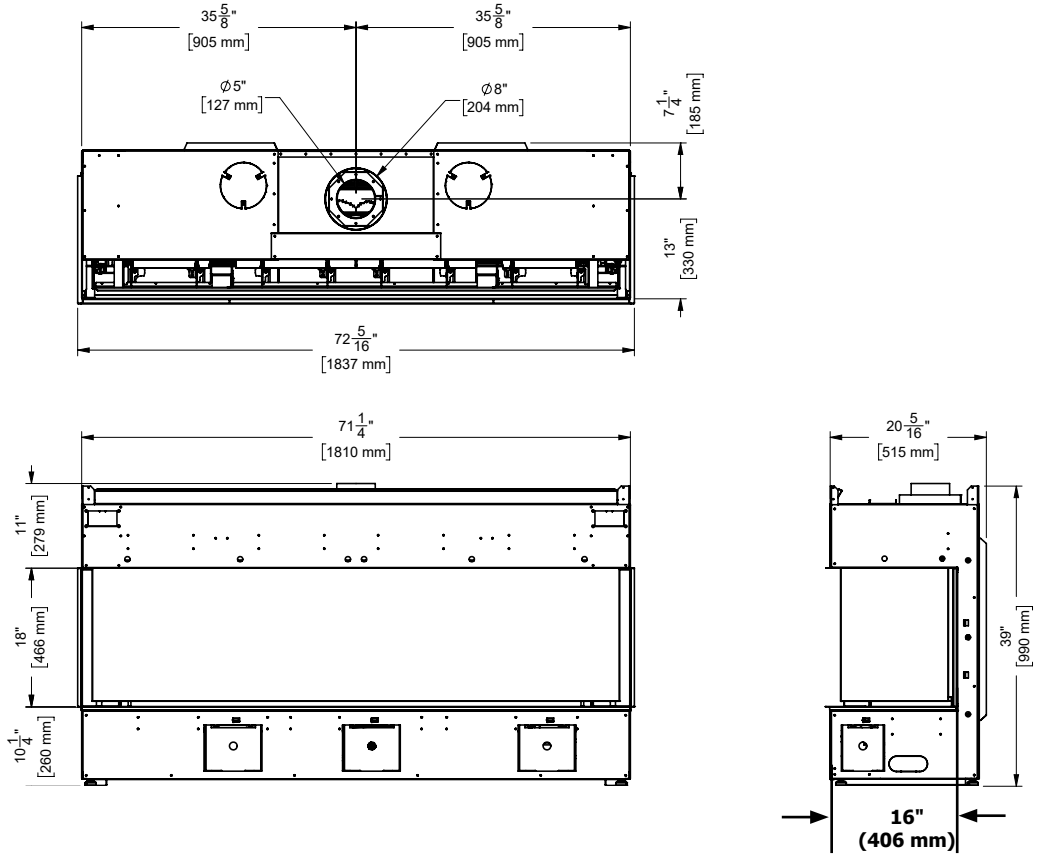
RIGHT SIDE

City Series CB60E Gas Fireplace

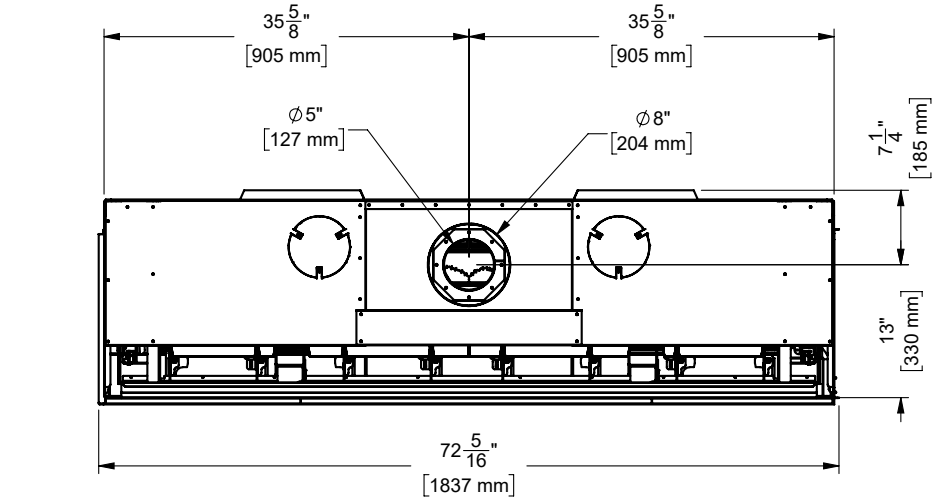
MODEL	CB60E-NG1	CB60E-LP1
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.73 kPa)
Manifold Pressure - High	3.8" W.C. (0.94 kPa)	10.5" W.C. (2.49 kPa)
Manifold Pressure - Low	1.1" W.C. (0.27 kPa)	2.9" W.C. (0.72 kPa)
Orifice Size -Altitude 0-4500 ft	# 32 DMS	# 50 DMS
Minimum Input Altitude 0-4500 ft. (0-1372m)	21,000Btu/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
CSA P.4.1.	56.23%	56.43%

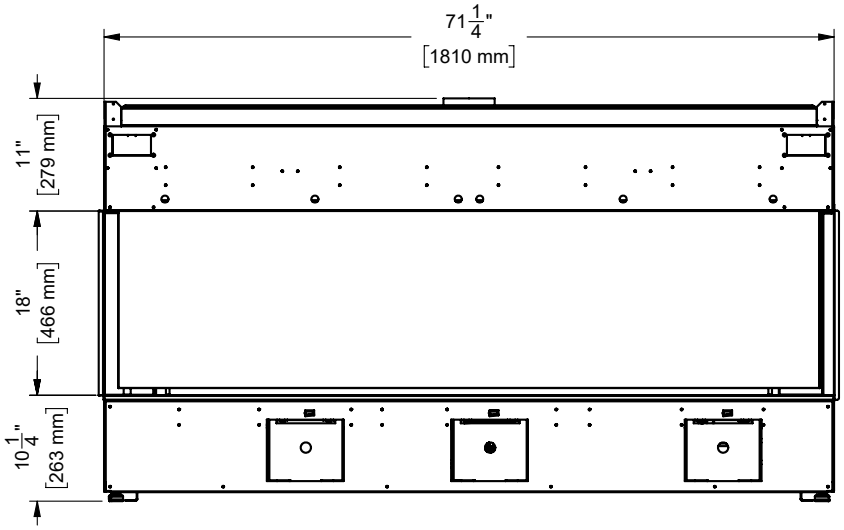
NOTE: This model comes with a 5" inner and 8" outer collar (127 mm x 203 mm) which must be reduced to 4" inner x 6-5/8" outer (102 mm x 168 mm) in all applications when used as a power vent system. See power vent manual for details.

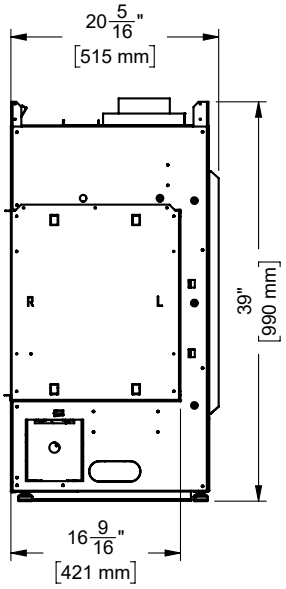
DIMENSIONS-BAY INSTALL



DIMENSIONS-CORNER INSTALLATION





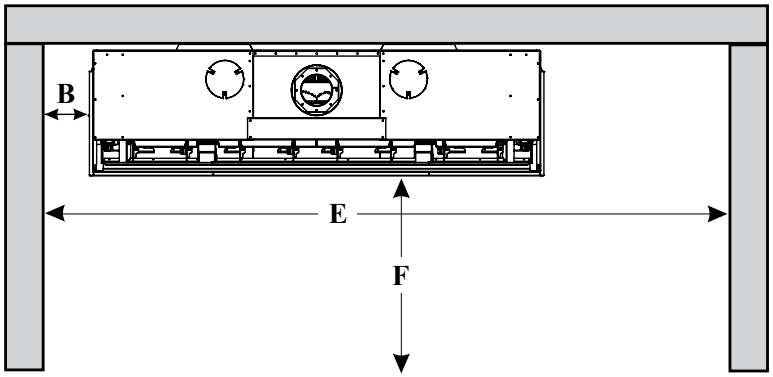


CLEARANCES (3-SIDED)

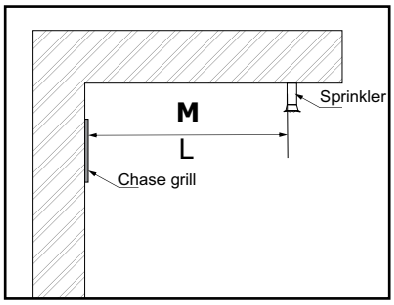
The clearances listed below are minimum distances unless otherwise stated.
A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with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

Clearance	Dimension	Measured From:
A1: Mantel Height (min.)	**	Top of Fireplace Opening
A: From Floor (min.)	10-1/4" (260mm)	Bottom of Fireplace Opening
B: Sidewall (on one side) min.	5 7/8" (149mm)	Side of Fireplace Opening
C: Enclosure Width (min.)	71-1/4" (1810mm)	Minimum inside dimensions
D: Mantel Depth (max.)	**	
E: Alcove Width	119-1/2" (3035mm)	Sidewall to Sidewall (Minimum)
F: Alcove Depth	35" (889mm)	Front to Unit (Maximum)
G: Convection Air Outlet Opening Offset (min.)	2" (50mm)	Max. offset from top of chase enclosure
H: Convection Air Outlet	180 square inches	
I Enclosure Depth (min.)	20-5/16" (516mm)	Minimum inside dimensions
J: Opening Height	18" (457mm)	Bottom/Top of Fireplace Opening
K: To Ceiling (min.) all 3 sides	1-3/4" (44mm)	To Top of Ceiling
L: Chase Enclosure (min.)	81-1/4" (2064mm)	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.	



Alcove



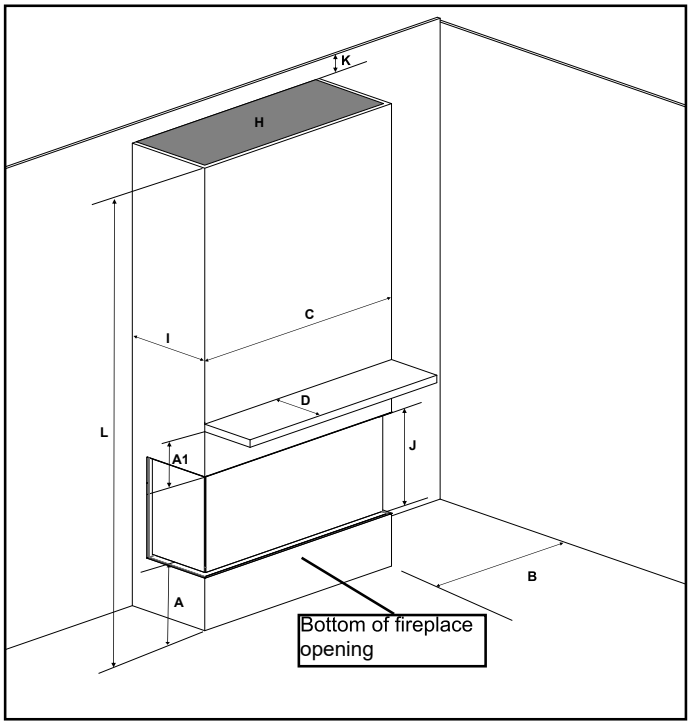
Side view

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

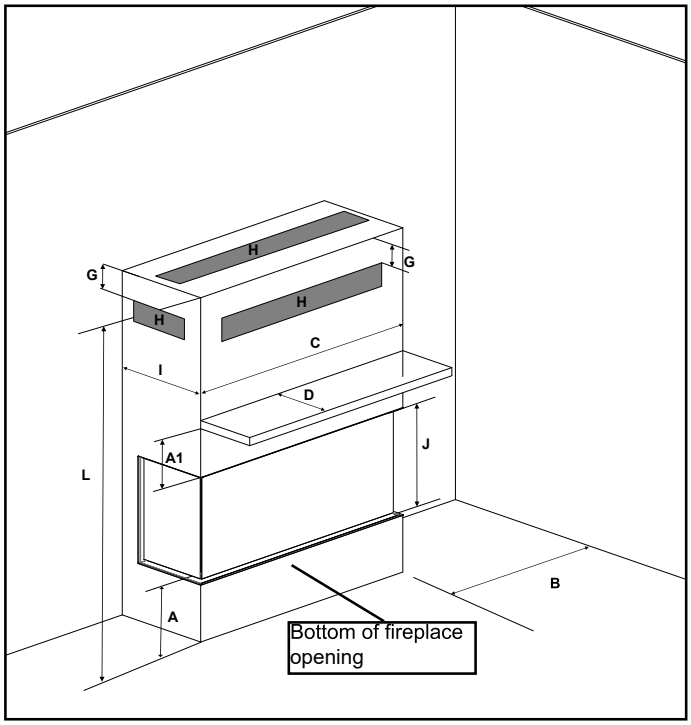
Caution Requirements
The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may ***NOT*** be recessed into combustible construction.

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.

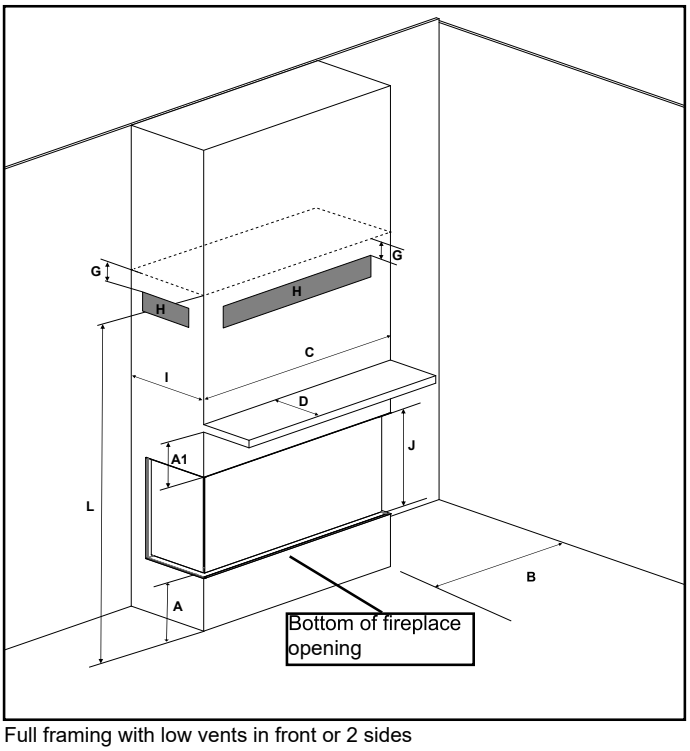
CLEARANCES



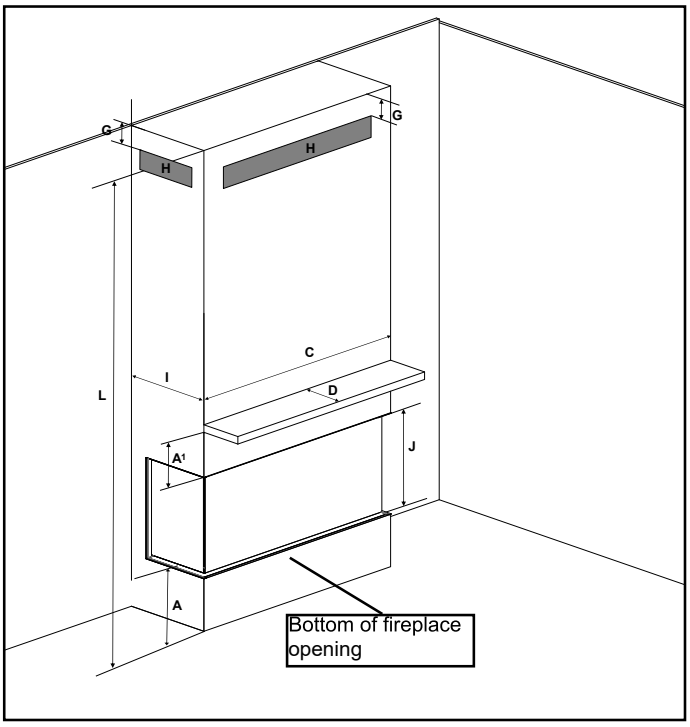
Floor to ceiling with top opening



Full framing with vents in front/2 sides or top



Full framing with low vents in front or 2 sides



Full framing with vents in front or 2 sides

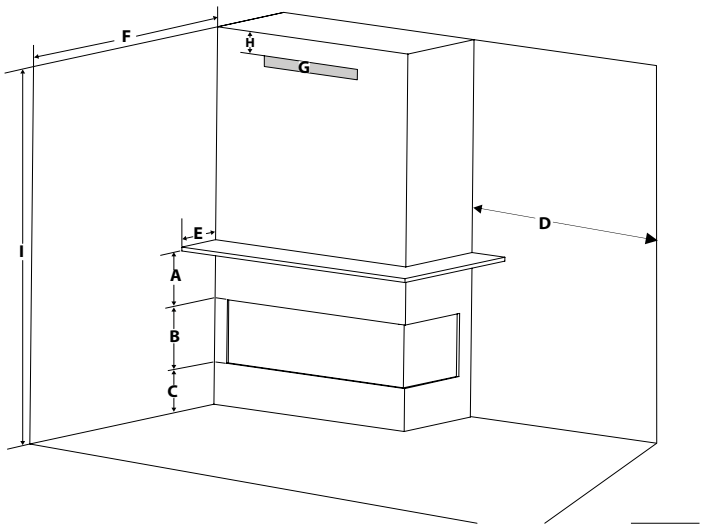
CLEARANCES (CORNER INSTALLATION)

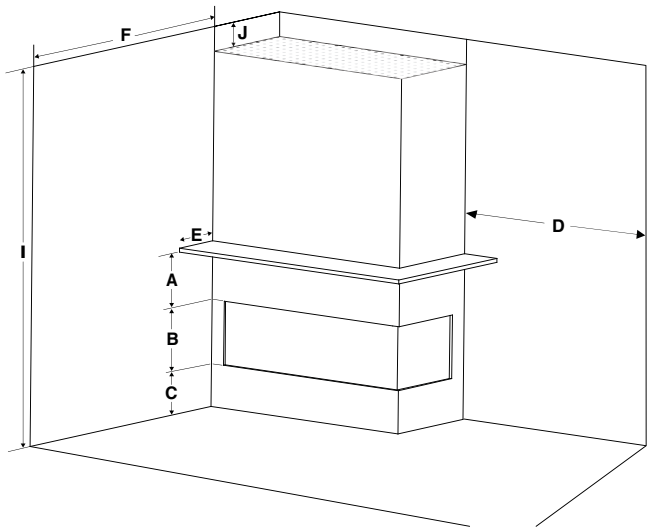
The clearances listed below are minimum distances unless otherwise stated.
A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with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

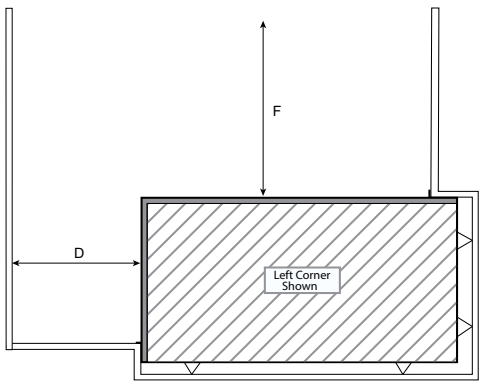
Note: Left handed corner shown in illustration. Clearances will be the same for the right hand side.

Clearance: single sided	Dimension	Measured From:
A: Mantel Height (min.)	**	Top of Fireplace Opening
B: Opening Height	18" (457mm)	Bottom/Top of Fireplace Opening
C: From Floor (min.)	10-1/4" (260mm)	Bottom of Fireplace Opening
D: Sidewall (on one side) min.	39" (991mm)	Side of Fireplace Opening
E: Mantel Depth (max.)	**	Front of Fireplace Opening
F: Alcove Depth	35" (889mm)	Front of Fireplace Opening
G: Convection Air Outlet	180 square inches	
H: Convection Air Outlet Opening Offset	2" (50mm)	Max. offset from top of chase enclosure
I: Chase Enclosure (Min.)	81-1/4" (2064mm)	From Base of Unit/Floor to top of enclosure
J: Convection Air Outlet Opening Offset (min.)	2" (50mm)	To top of ceiling
Hearth	0"	No hearth required
** See mantel clearances chart in this 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"





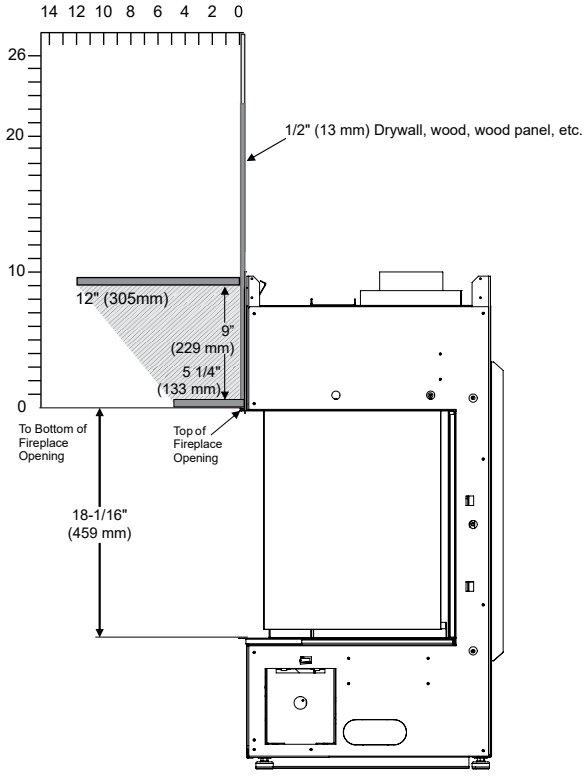


Top View Alcove

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.

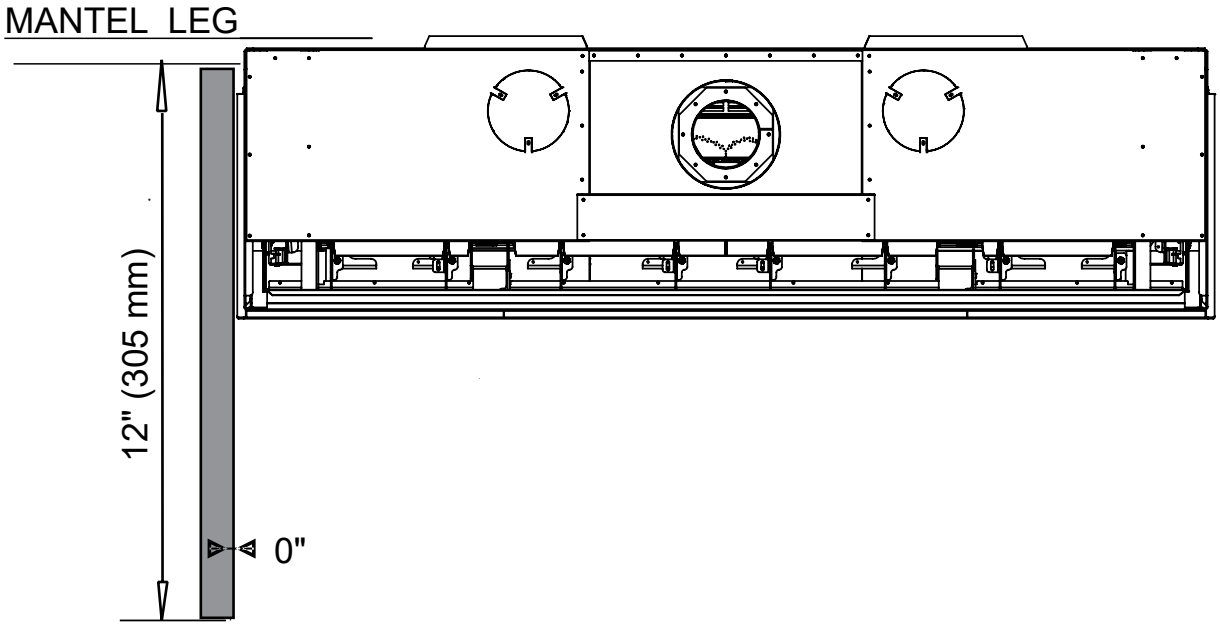
WARNING
Fire hazard is an extreme risk
if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

CLEARANCES (CORNER INSTALLATION)



Mantel Leg Clearances

Combustible mantel leg clearances as per diagram:



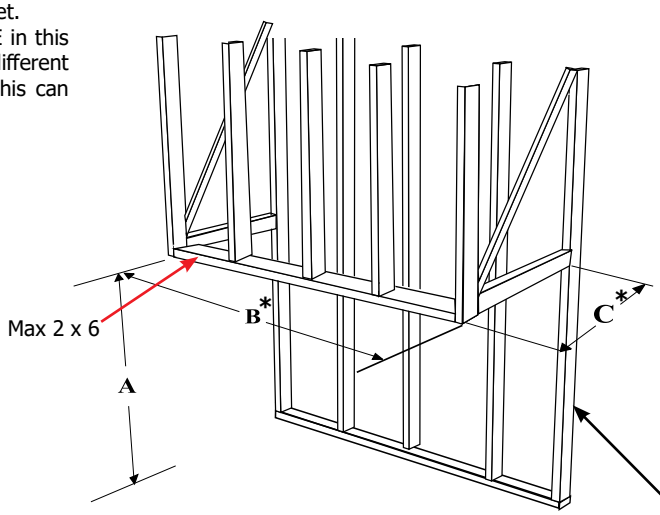
FRAMING DIMENSIONS (BAY INSTALL)

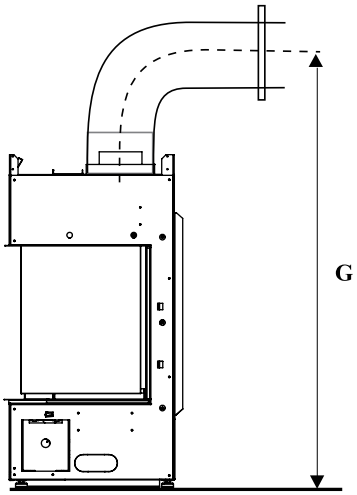
NOTE: Framing may be constructed of combustible material and does not require steel studs.

Framing Dimensions	Description	CB60E
A	Framing Height	44-3/4" (1137 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
** See manual for alternate Gas/Electrical connection options		

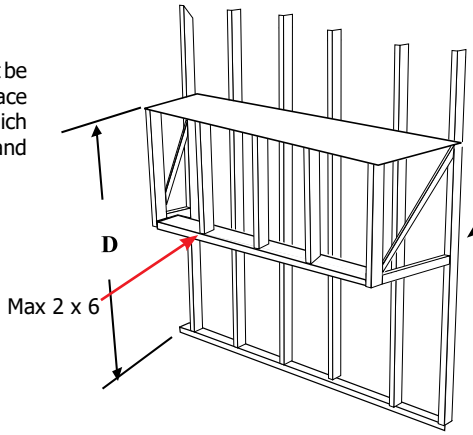
Ensure that the wood base that the appliance will sit on is strong enough to support the full weight of this appliance. The overall weight of this appliance is 480 pounds (shipping weight).

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")

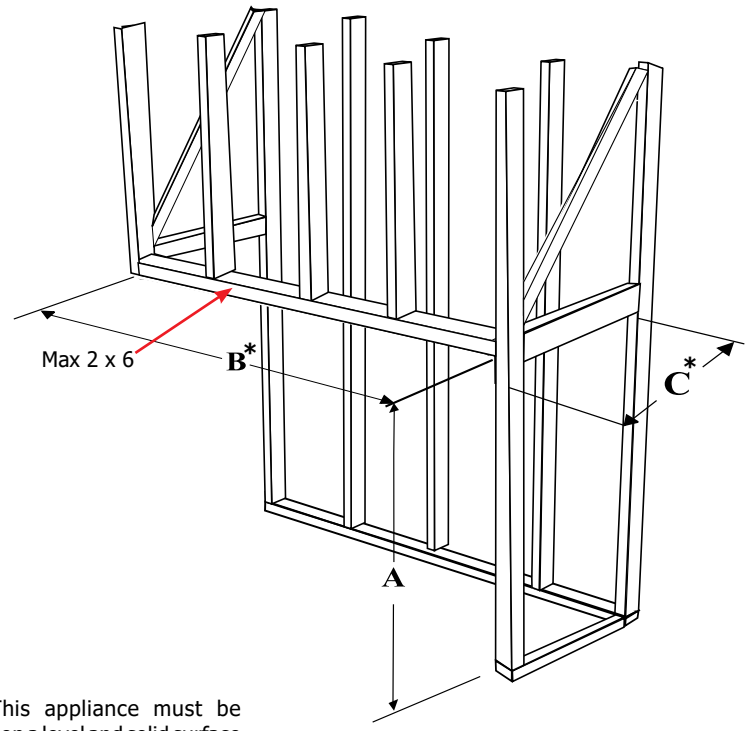
FRAMING DIMENSIONS (RIGHT CORNER)

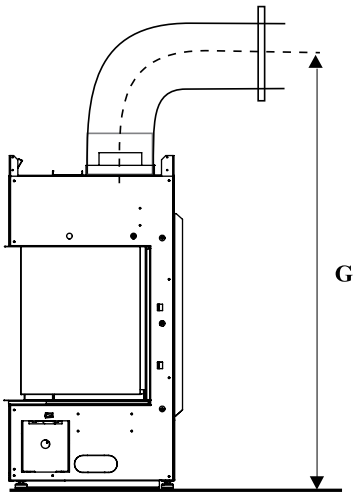
NOTE: Framing may be constructed of combustible material and does not require steel studs.

Framing Dimensions	Description	Corner Kit
A	Framing Height	44-3/4" (1137 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)

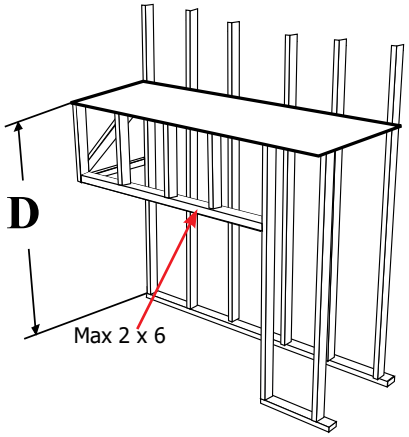
Note: A combined minimum of 180 square inches of open area is required for the convection air outlet to cool the enclosure.
Ensure clearances for Convection Air Outlets are met.
See clearances CB60E in this manual as there are different methods as to how this can be achieved.

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.



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

***Note:** The framing width (B) and framing depth (C) does not take into account drywall/wood or similar materials against the back wall. The framing width/depth will need to change based on the thickness of the material
Example B : 71 1/4" framing width + 1/2" drywall = 71 3/4".
Example C : 20-5/16" framing depth + 1/2" drywall = 20 13/16".

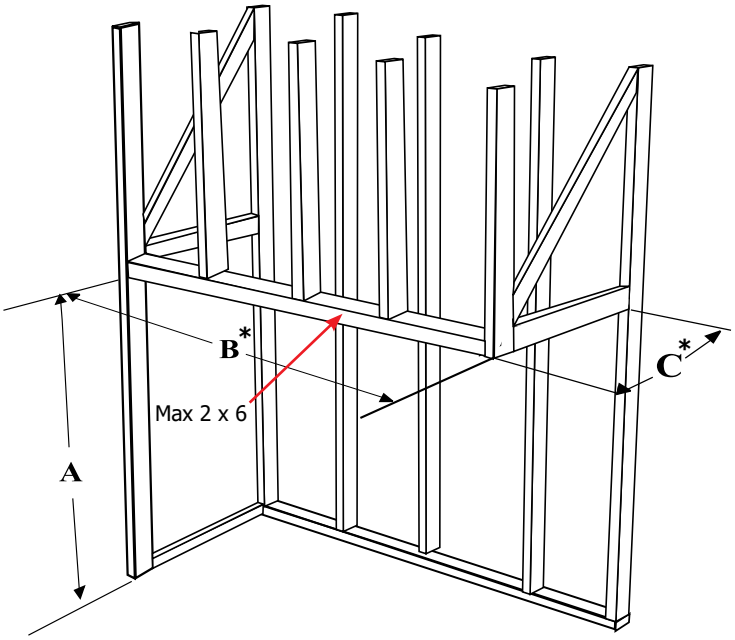
FRAMING DIMENSIONS (LEFT CORNER)

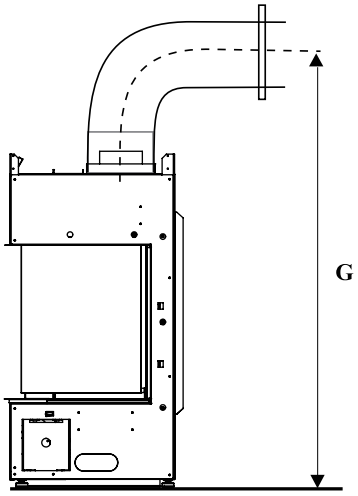
NOTE: Framing may be constructed of combustible material and does not require steel studs.

Framing Dimensions	Description	Corner Kit
A	Framing Height	44-3/4" (1137mm)
B*	Framing Width	71-1/4" (1810mm)
C*	Framing Depth	20-5/16" (516mm)
D	Unit Base to Top Enclosure (Min.)	81-1/4"(2038mm)
G	Vent Centerline Height	58-3/16" (1478mm)

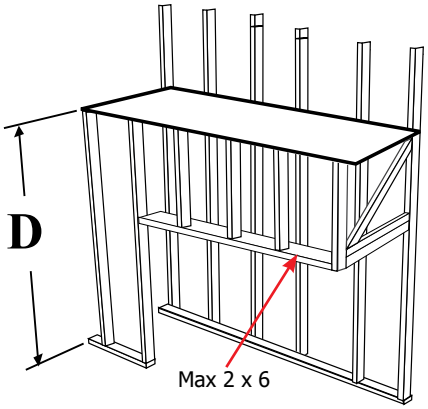
Note: A combined minimum of 180 square inches of open area is required for the convection air outlet to cool the enclosure. Ensure clearances for Convection Air Outlets are met. See clearances CB60E in this manual as there are different methods as to how this can be achieved.

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.



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

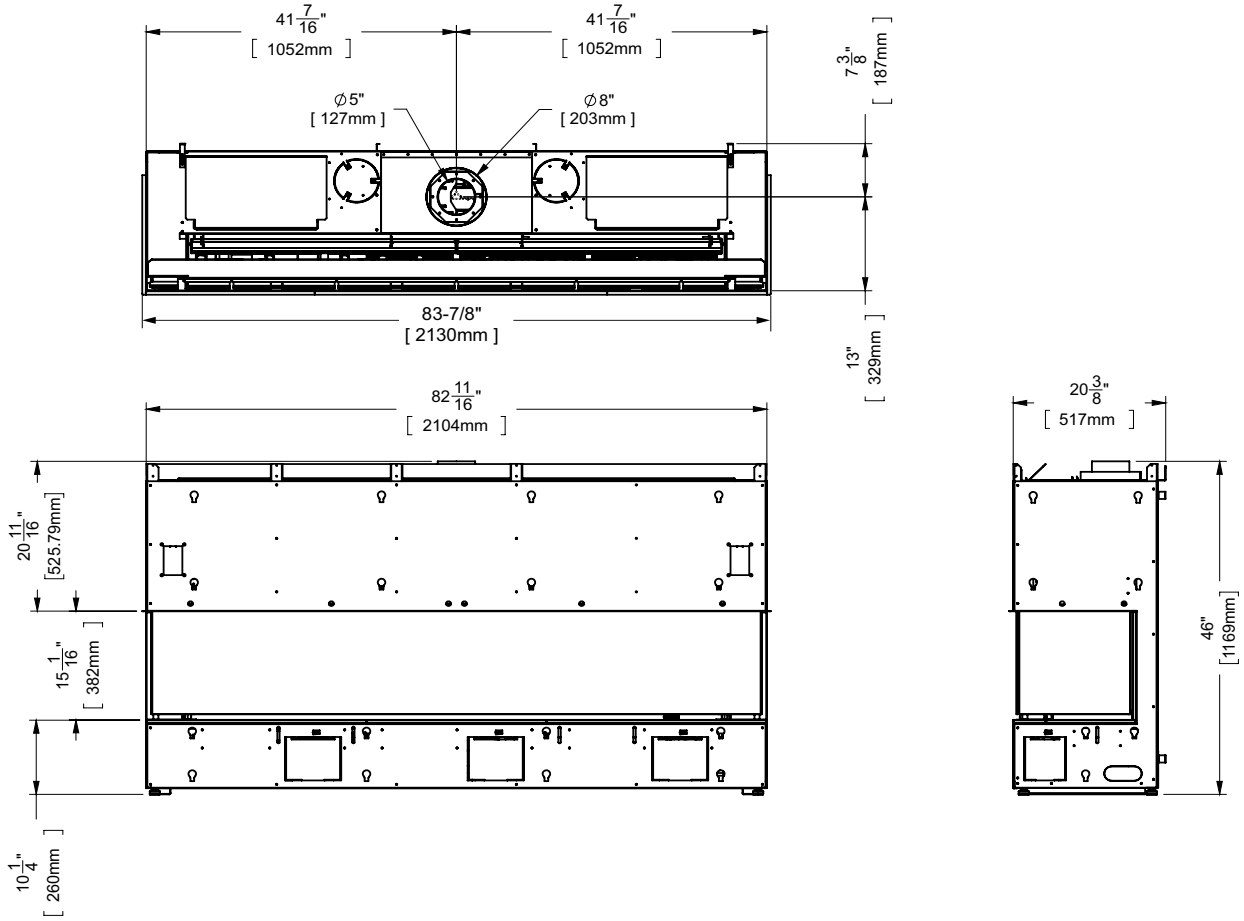
***Note:** The framing width (B) and framing depth (C) does not take into account drywall/wood or similar materials against the back wall. The framing width/depth will need to change based on the thickness of the material
Example B : 71 1/4" framing width + 1/2" drywall = 71 3/4".
Example C : 20-5/16" framing depth + 1/2" drywall = 20 13/16".

City Series® CB72EPV POWER VENT

MODEL	CB72EPV-NG	CB72EPV-LP
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.73 kPa)
Manifold Pressure - High	3.5" W.C. (0.87 kPa)	10" W.C. (2.49 kPa)
Manifold Pressure - Low	1.6" W.C. (0.40 kPa)	6.4" W.C. (1.59 kPa)
Orifice Size -Altitude 0-4500 ft	#30 DMS	#47 DMS
Minimum Input Altitude 0-4500 ft. (0-1372m)	46,500 Btu/h (13.63 kW)	45,500 Btu/h (13.33 kW)
Maximum Input Altitude 0-4500 ft. (0-1372m)	32,000 Btu/h (9.37 kW)	36,000 Btu/h (10.55 kW)
****Vent Sizing**	5" Inner / 8" Outer	5" Inner / 8" Outer
CSA P.4.1	63.39%	65.52%

****Note: This appliance comes with a 5" inner vent and 8" outer vent which must be reduced to 4" x 6-4/8" venting. See specification pages for details.**

DIMENSIONS

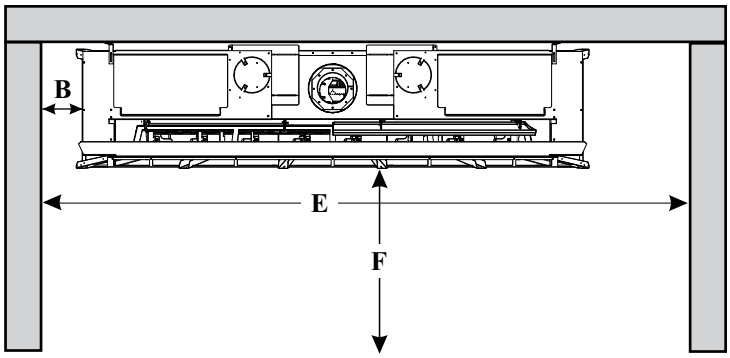


CLEARANCES BAY INSTALL

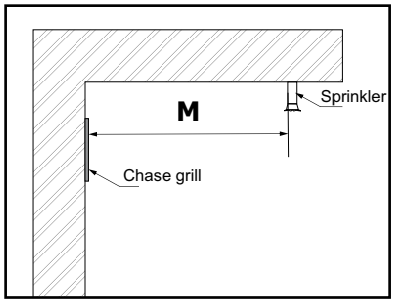
The clearances listed below are minimum distances unless otherwise stated.
A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with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

Clearance: single sided	Dimension	Measured From:
A1: Mantel Height (min.)	**	Top of Fireplace Opening
A: From Floor	min. 0"	Bottom of Fireplace Opening
B: Sidewall (on one side) Min.	8" (203mm)	Side of Fireplace Opening
C: Enclosure Width (min.)	82-11/16" (2100mm)	Minimum inside dimensions
D: Mantel Depth (max.)	**	
E: Alcove Width	120" (3048mm)	Sidewall to Sidewall (Minimum)
F: Alcove Depth	36" (914mm)	Front to Unit (Maximum)
G: Convection Air Outlet Opening Offset	*0-2" (0-51mm)	Max. offset from top of chase enclosure
H: Convection Air Outlet	*288 square inches	
I Enclosure Depth (min.)	20-3/8" (517mm)	Minimum inside dimensions
J: Opening Height	15-1/16" (383mm)	Bottom/Top of Fireplace Opening
K: To Ceiling (Min.) all 3 sides	2-1/2" (64mm)	To Top of Ceiling
L: Chase Enclosure (Min.)	87" (2210mm)	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 this 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 4" x 6-5/8" venting	



Alcove



Side view

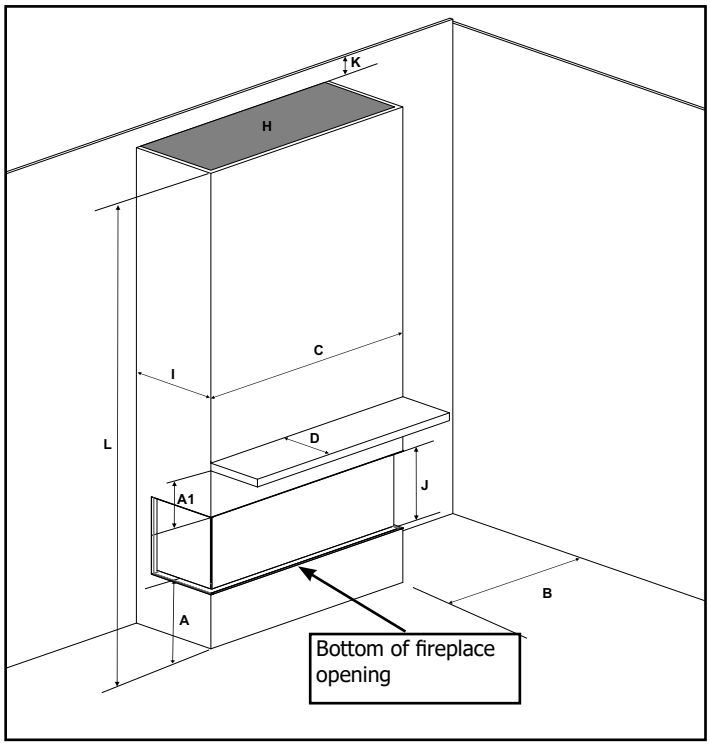
The ***HeatWave*** Duct Kit has different clearance and framing requirements, check the ***HeatWave*** manual for details.

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.

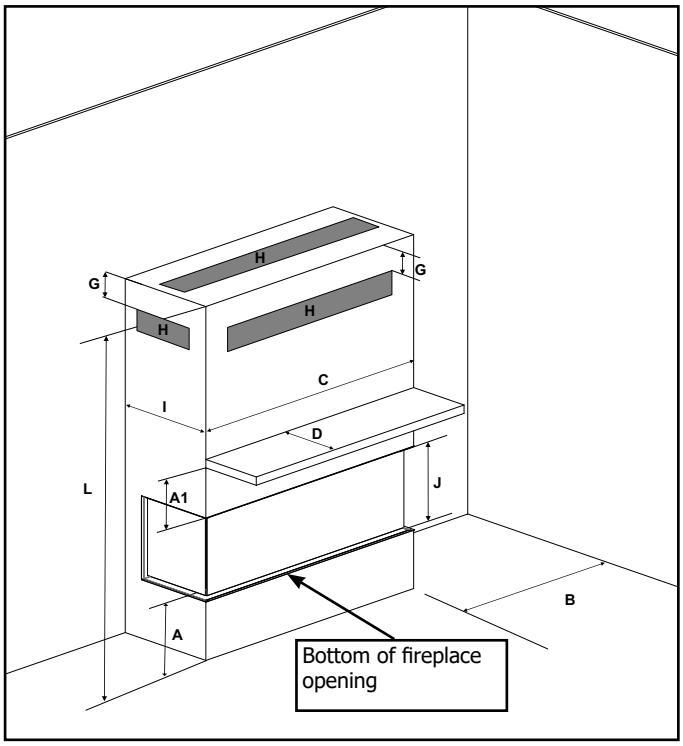
WARNING
Fire hazard is an extreme risk
if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

CLEARANCES

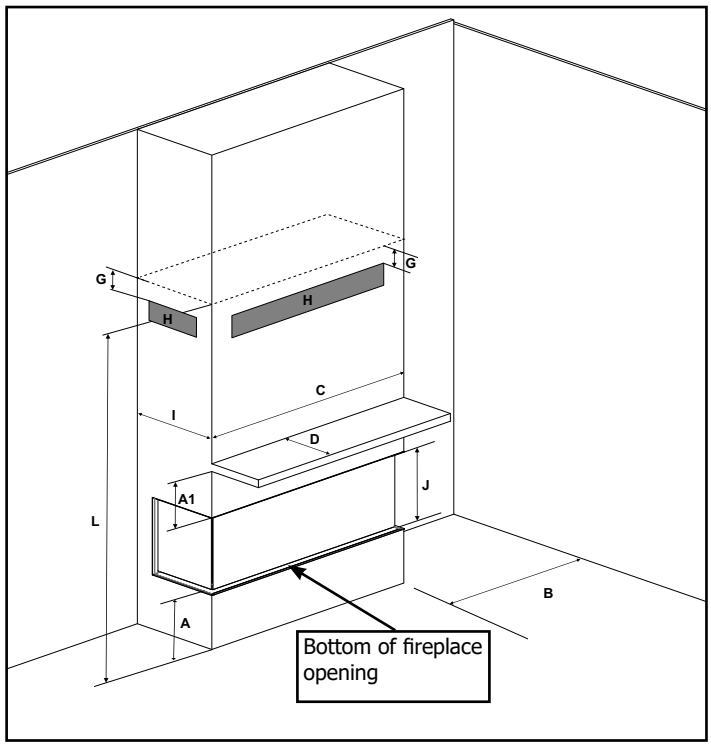
Clearances - Corner Install



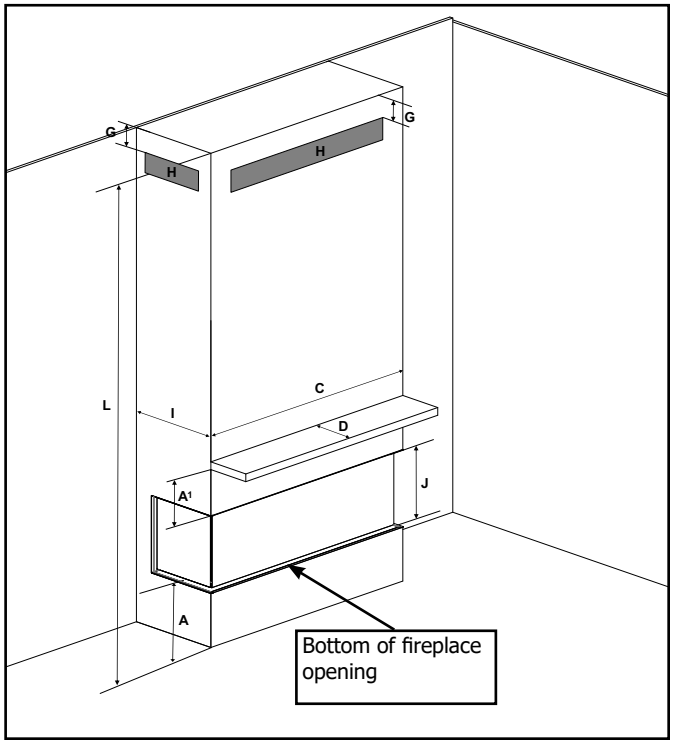
Floor to ceiling with top opening



Low framing with vents in front/2 sides or top



Full framing with low vents in front or 2 sides



Full framing with vents in front or 2 sides

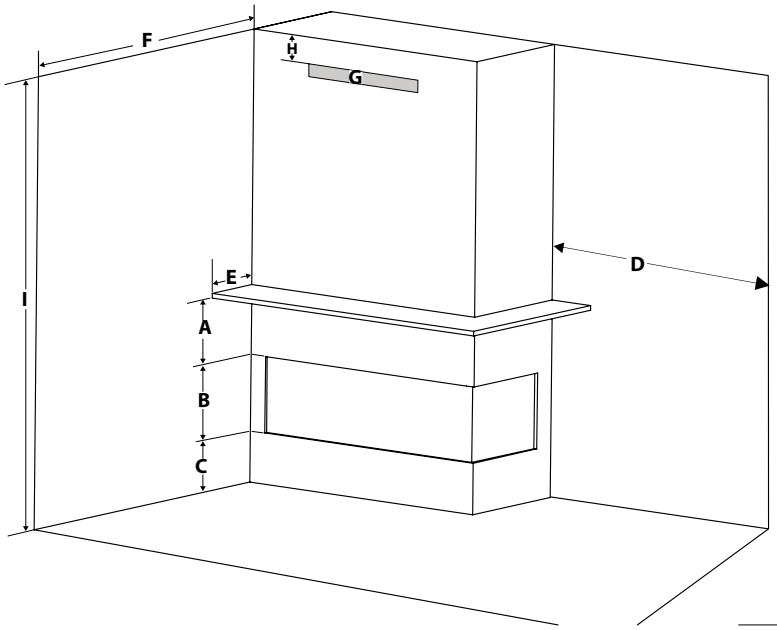
Clearances - Corner Install

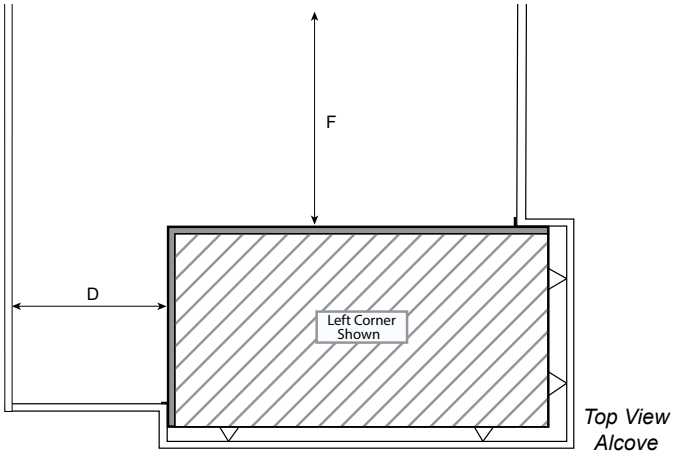
The clearances listed below are minimum distances unless otherwise stated.
A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with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

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

Clearance: single sided	Dimension	Measured From:
A: Mantel Height (min.)	**	Top of Fireplace Opening
B: Opening Height	15-1/16" (383mm)	Bottom/Top of Fireplace Opening
C: From Floor	Min. 0"	Bottom of Fireplace Opening
D: Sidewall (on one side)	Min. 26" (660mm)	Side of Fireplace Opening
E: Mantel Depth (Max.)	**	Front of Fireplace Opening
F: Alcove Depth	Min. 36" (914mm)	Front of Fireplace Opening
G: Convection Air Outlet	288 square inches	
H: Convection Air Outlet Opening Offset	0-2" (51mm)	Max. offset from top of chase enclosure
I: Chase Enclosure (Min.)	87" (2210mm)	From Base of Unit/Floor to top of enclosure
Hearth	0"	No hearth required
** See mantel clearances chart in this 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"





Top View Alcove

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

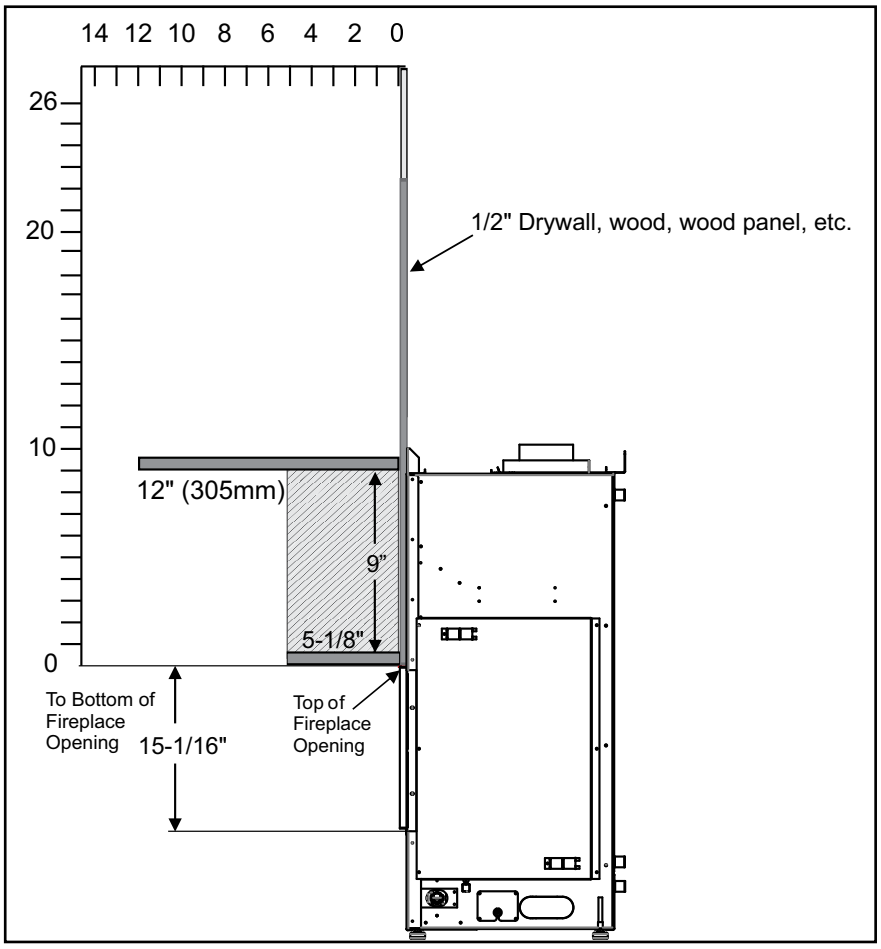
Caution Requirements
The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may **NOT** be recessed into combustible construction.

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

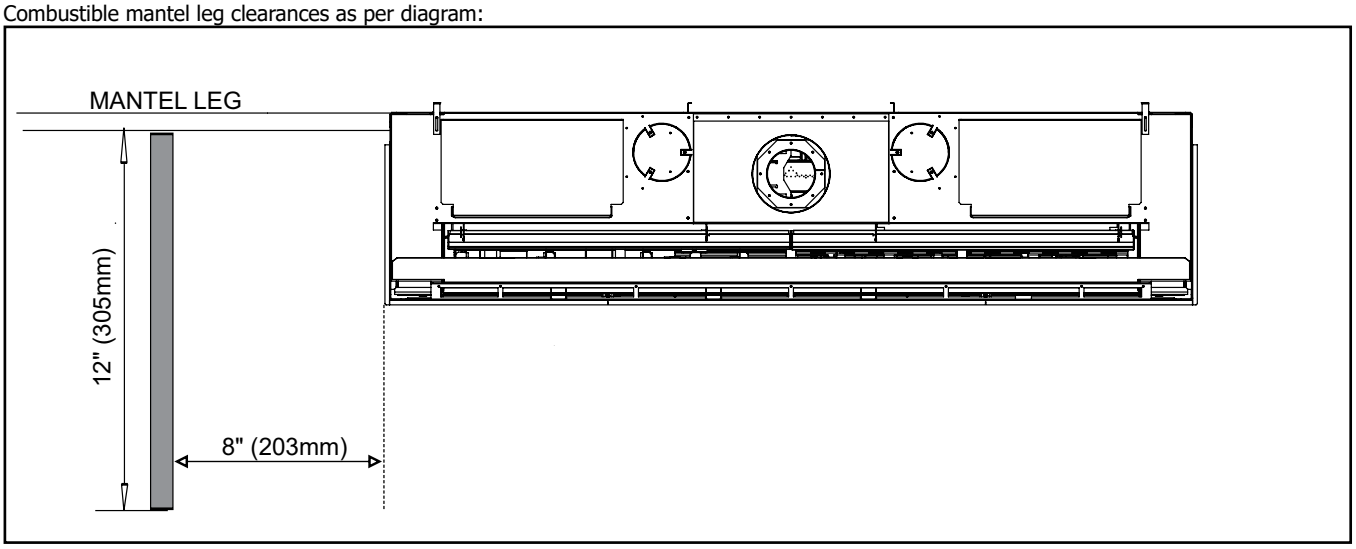
Mantel Clearances

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:



FRAMING-BAY INSTALL

Framing Dimensions - Bay Install

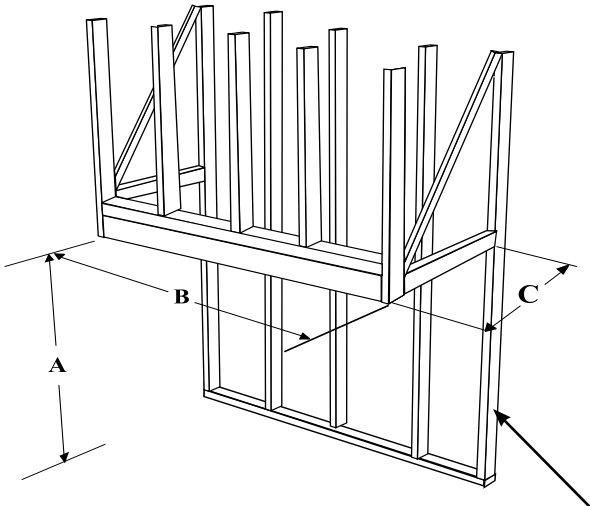
NOTE: Framing may be constructed of combustible material (ie. 2 x 4) and does not require steel studs.

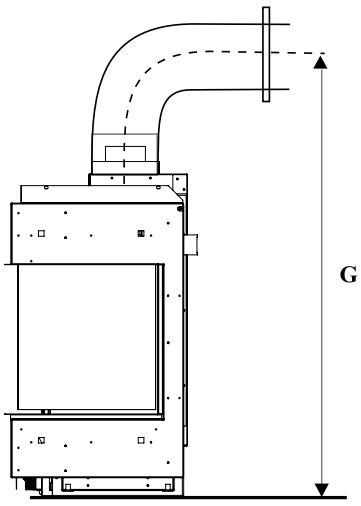
Framing Dimensions	Description	CB72EPV
A	Framing Height	51" (1295mm)
B	Framing Width	82-11/16" (2100mm)
C*	Framing Depth	20-5/8" (524mm)
D	Minimum Height to Combustibles	87"(2210mm)
G***	Vent Centerline Height (Flex)	55-1/4" (1403mm)
G***	Vent Centerline Height (Rigid)	59-1/4" (1505mm)
**	Gas Connection 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

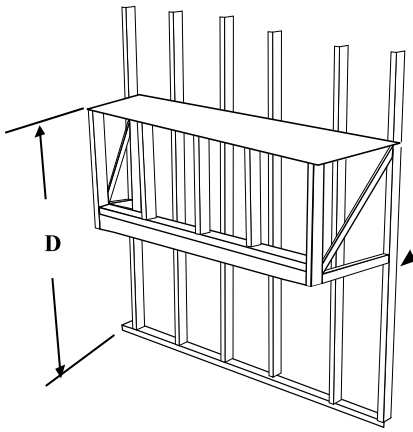
* Not shown in diagram below
** See manual for alternate Gas/ Electrical connection options
*** **Important:** Minimum overall vent run must be 4 feet. Even though centerline is 55 1/4 (flex) & 59 1/4" (rigid), if appliance is framed at minimum depth, the 4 feet of vent run could not be obtained. Center line will need to be increased in height in order to achieve a minimum vent run of 4 feet.

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 582 pounds (shipping weight).

Note: A combined minimum of 288 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 CB72EPV 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 5/8 framing depth + 1/2 drywall = 21 1/8")

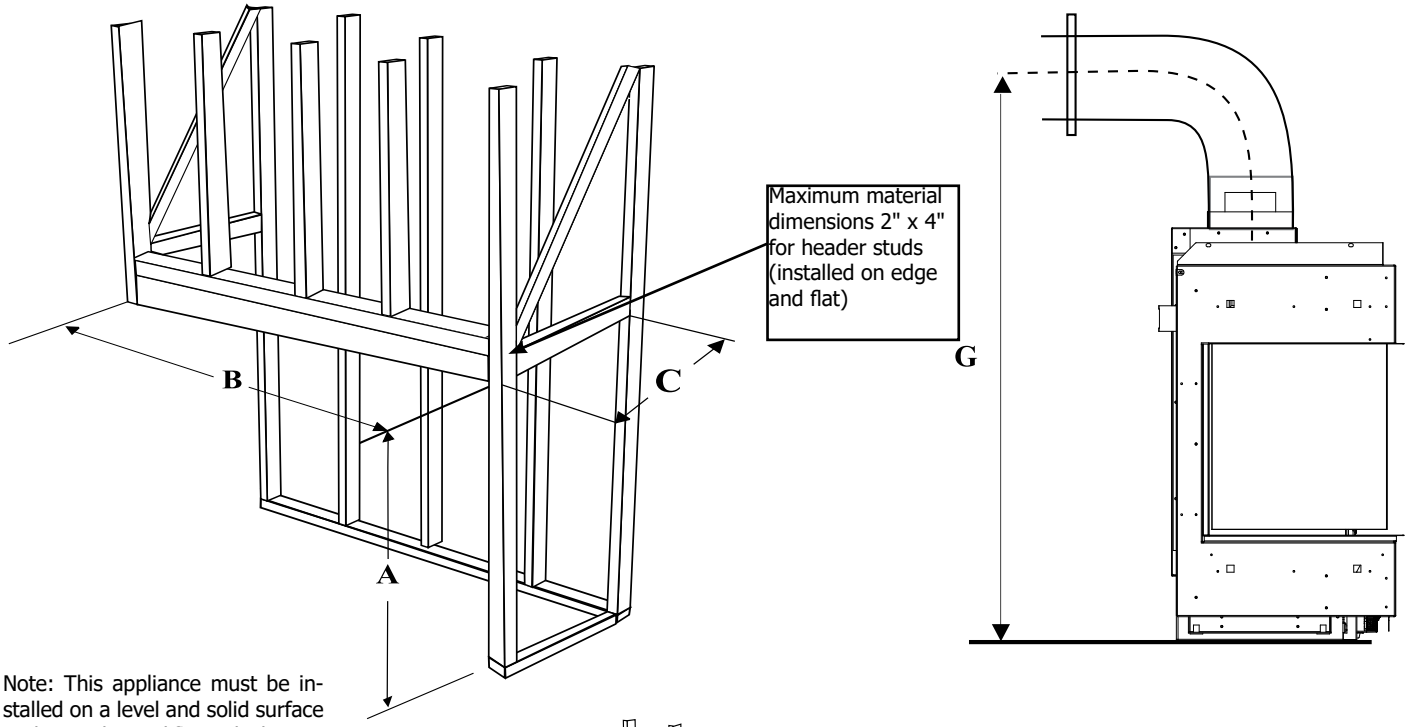
FRAMING- RIGHT CORNER INSTALL

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

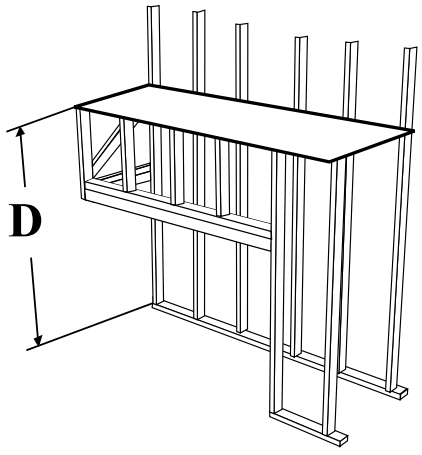
Framing Dimensions	Description	Corner Kit
A	Framing Height	51″ (1295mm)
B	Framing Width	84" (2134mm)
C	Framing Depth	20-5/8" (524mm)
D	Unit Base to Top Enclosure (Min.)	87"(2210mm)
G***	Vent Centerline Height (Flex)	55-1/4" (1403mm)
G***	Vent Centerline Height (Rigid)	59-1/4" (1505mm)
*** **Important:** Minimum overall vent run must be 4 feet. Even though centerline is 55 1/4" (flex) & 59 1/4" (rigid), if appliance is framed at minimum depth, the 4 feet of vent run could not be obtained. Center line will need to be increased in height in order to achieve a minimum vent run of 4 feet.		

Note: A combined minimum of 288 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 CB72EPV 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.



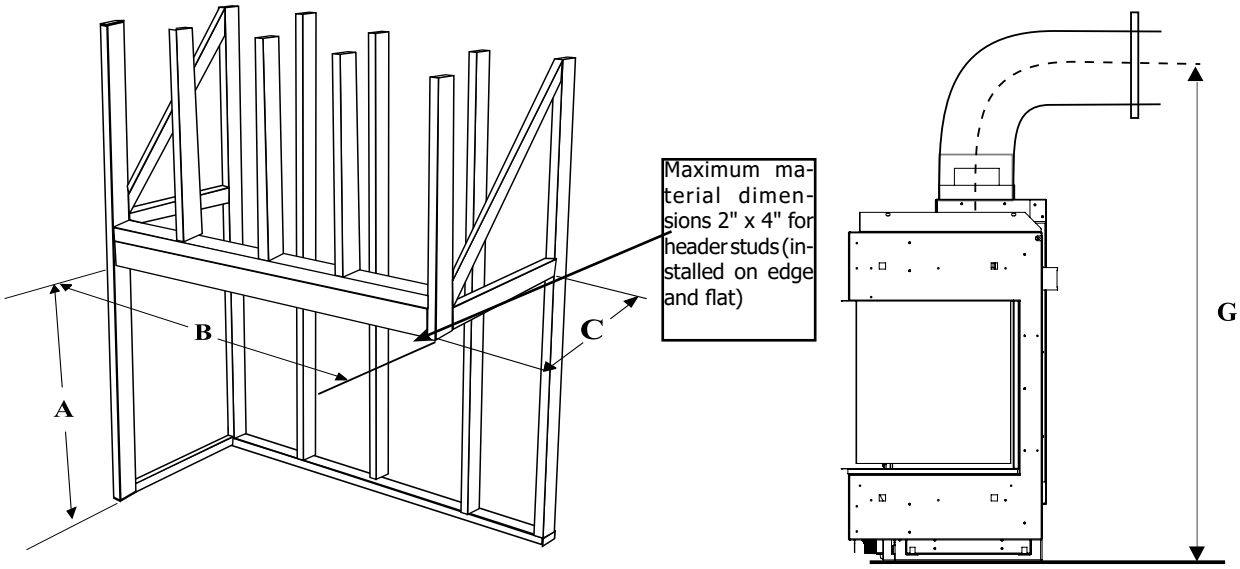
FRAMING- LEFT CORNER INSTALL

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	51" (1295mm)
B	Framing Width	84" (2134mm)
C	Framing Depth	20-5/8" (524mm)
D	Unit Base to Top Enclosure (Min.)	87"(2210mm)
G***	Vent Centerline Height (Flex)	55-1/4" (1403mm)
G***	Vent Centerline Height (Rigid)	59-1/4" (1505mm)
*** **Important:** Minimum overall vent run must be 4 feet. Even though centerline is 55 1/4 (flex) & 59 1/4" (rigid), if appliance is framed at minimum depth, the 4 feet of vent run could not be obtained. Center line will need to be increased in height in order to achieve a minimum vent run of 4 feet.		

Note: A combined minimum of 120 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 CB72EPV 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.