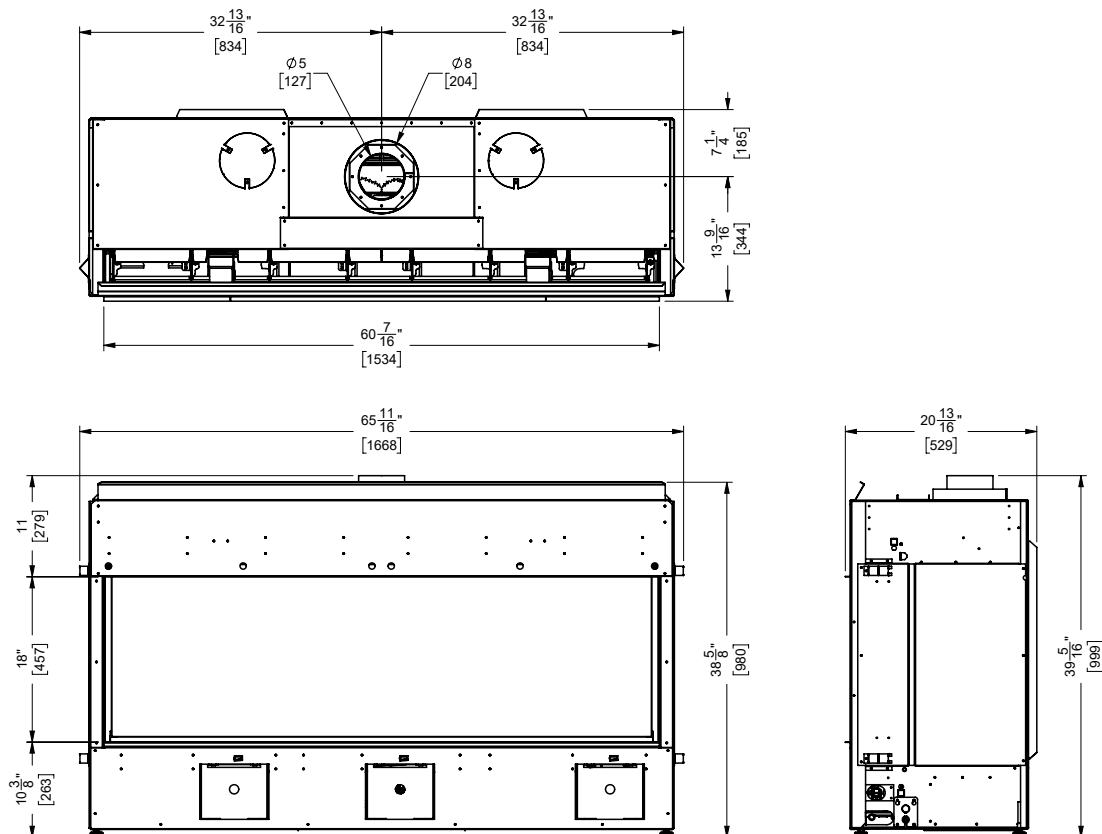


City Series CV60E Gas Fireplace

MODEL	CV60E-NG	CV60E-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



CV60E Dimensions



CLEARANCES CV60E

The clearances listed below are minimum distances unless otherwise stated.

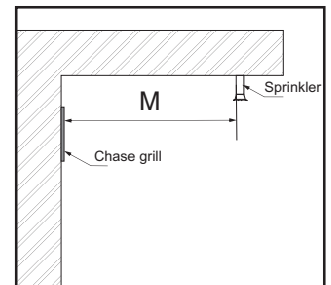
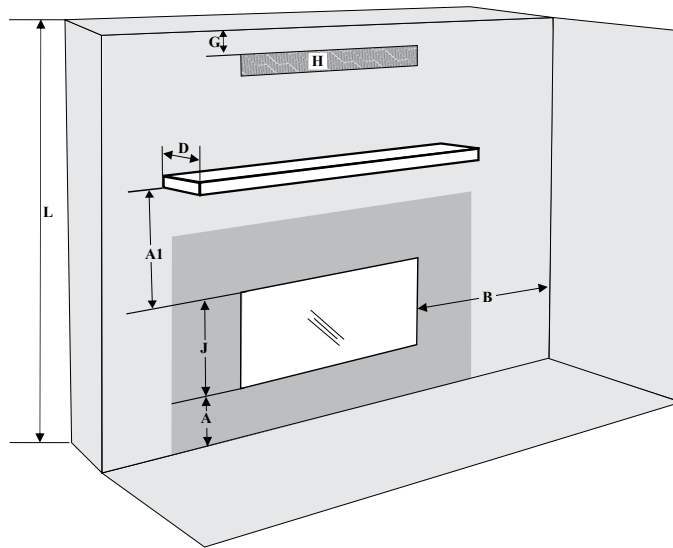
A major cause of chimney-related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

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.	8" (203 mm)	Side of fireplace opening
C: Enclosure Width (min.)	65-11/16" (1668 mm)	Side of fireplace opening
D: Mantel Depth (max.)	**	
E: Alcove Width	109-1/2" (2791 mm)	Sidewall to sidewall (minimum)
F: Alcove Depth	35" (889 mm)	Front to unit (maximum)
G: Convection Air Outlet Opening Offset (min.)	*0-2" (0-51 mm)	Max. offset from top of chase enclosure
H: Convection Air Outlet	*180 square inches	
I: Framing Depth (min.)	20-5/16" (516 mm)	From back wall to chase front
J: Opening Height	18" (457 mm)	Bottom/top of fireplace opening
K: minimum clearance to ceiling	1-3/4" (44 mm)	Top of chase to 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

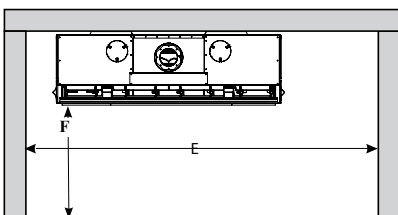
** See mantel clearances chart in the manual.

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.	

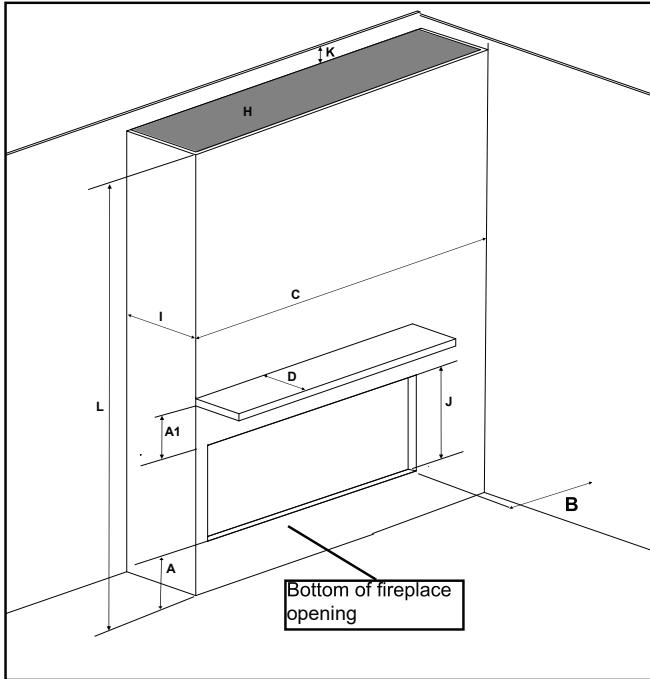
*A minimum of 180 square inches of open area, not lower than 0-2" from top of enclosure, required for all installations.



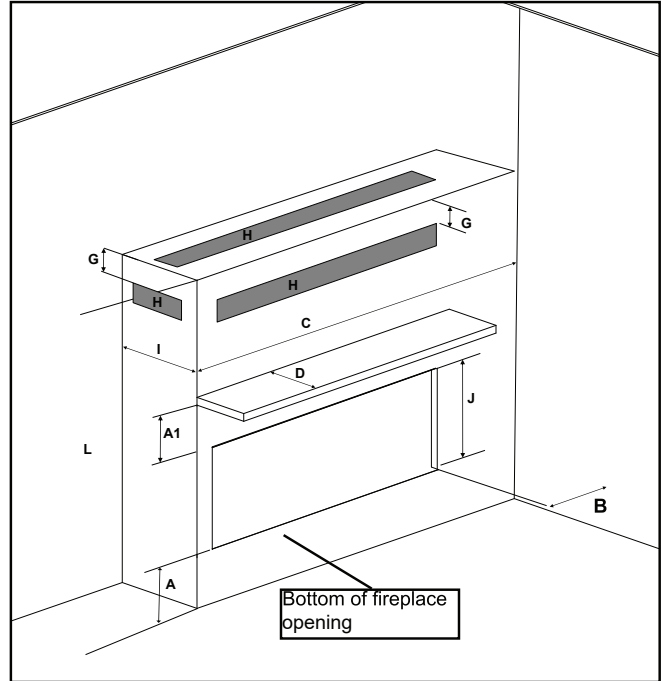
Side view



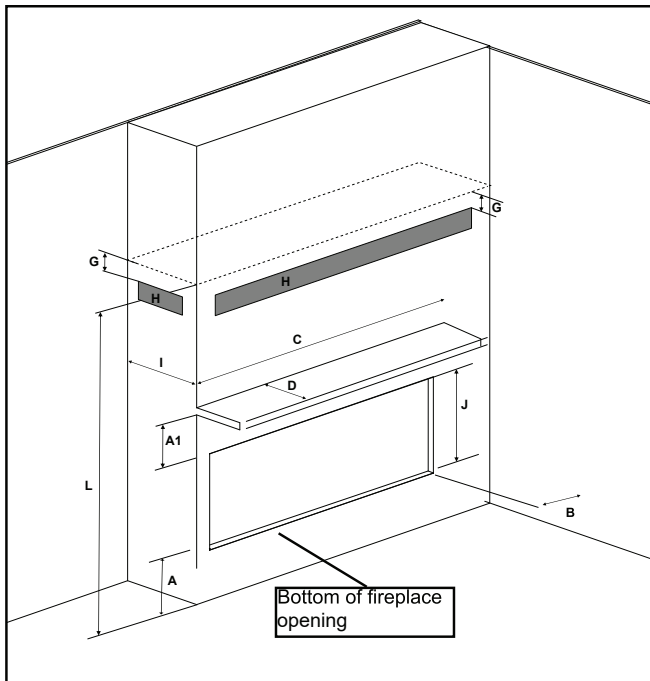
CLEARANCES CV60E



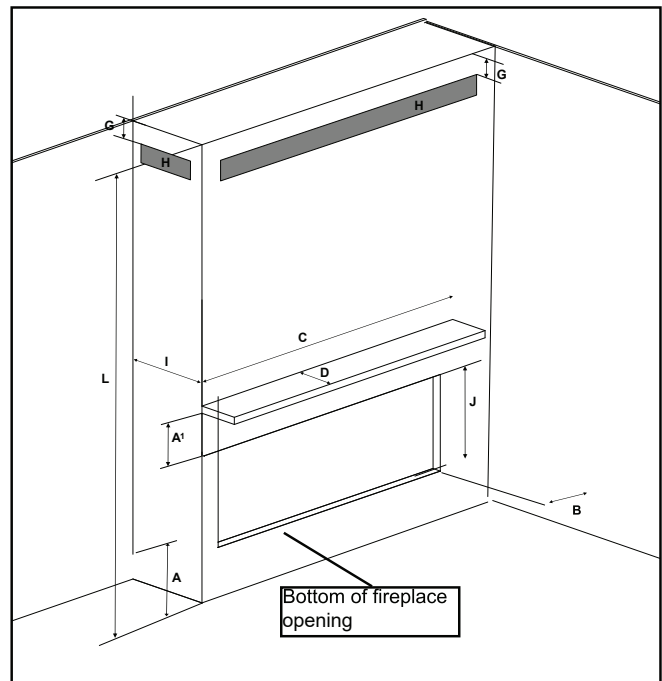
Floor to ceiling with top opening



Full framing with vents in front/sides or top



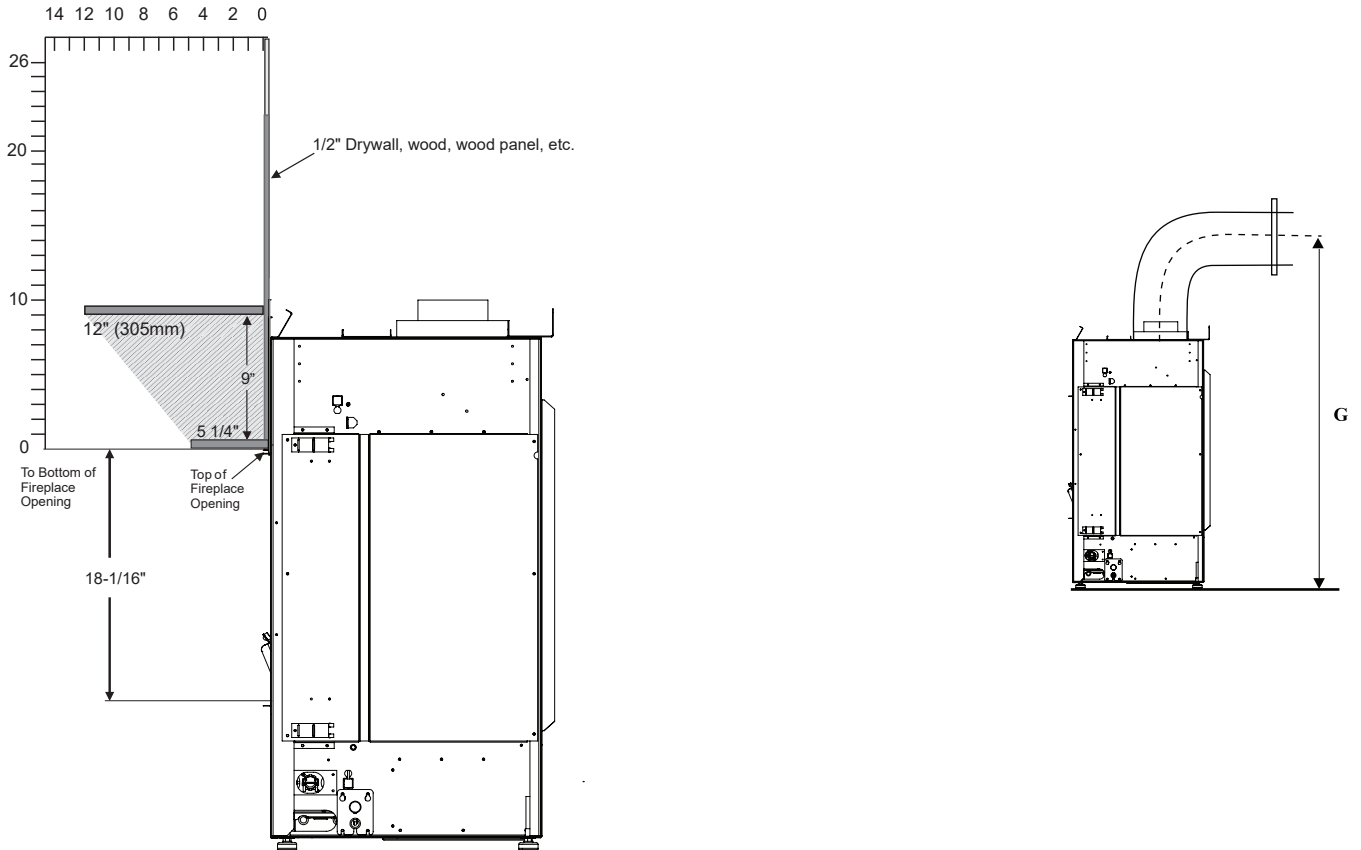
Full framing with low vents in front or sides



Full framing with vents in front or sides

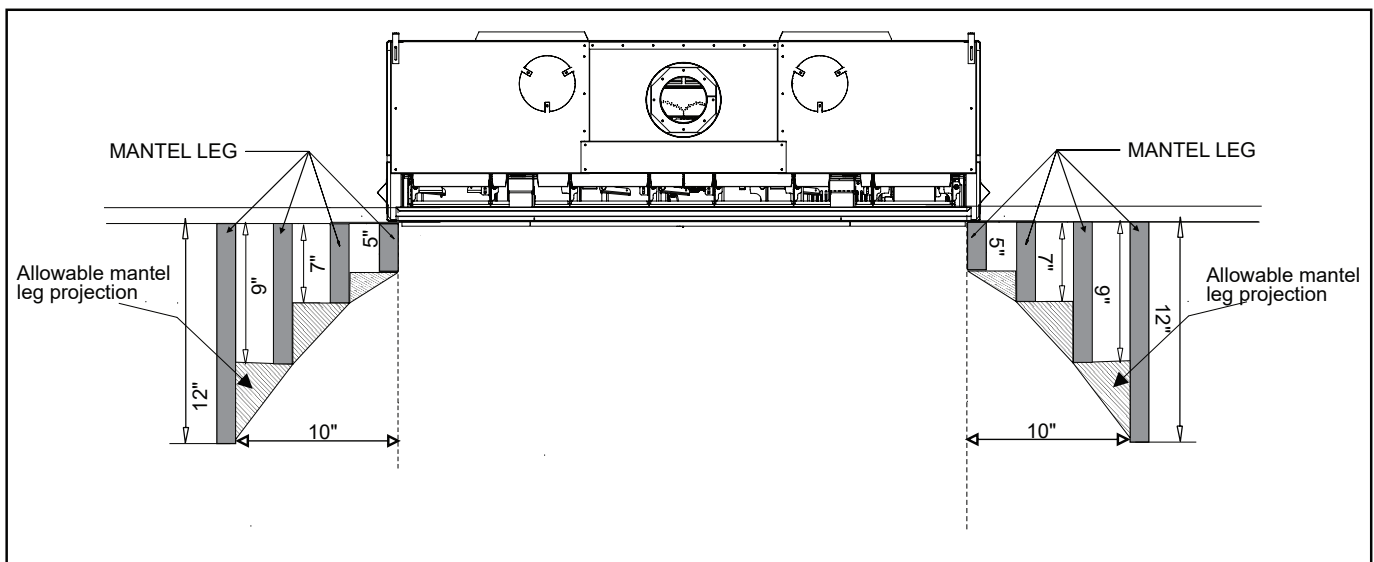
MANTEL CLEARANCES CV60E

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:



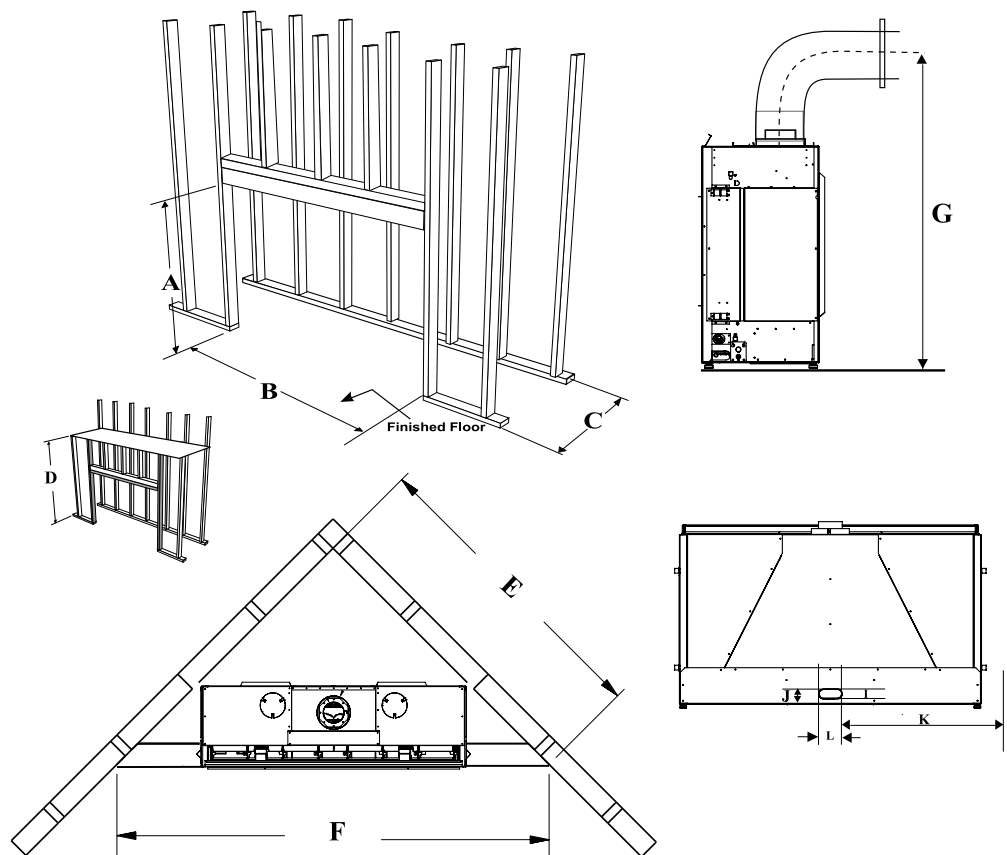
FRAMING DIMENSIONS CV60E

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

Framing Dimensions	Description	CV60E
A	Framing Height	44-3/4" (1137 mm)
B	Framing Width	65-11/16" (1668 mm)
C*	Framing Depth	20-5/16" (516 mm)
D	Minimum Height to Combustibles	81-1/4" (2038 mm)
E	Corner Wall Depth	73 7/16" (1866 mm)
F	Corner Facing Wall Depth	103-7/8" (2638 mm)
G	Vent Centerline Height	58-3/16" (1478 mm)
I	Gas Connection Opening Height	See gas connection location in this manual
J	Gas Connection Height	See gas connection location in this manual
K	Gas Connection Inset-Centre Opening	See gas connection location in this manual
L	Gas Connection Opening Width	See gas connection location in this manual
* Not in diagram below		
** See manual for alternate Gas/ Electrical connection options		

The lift handles add approximately 4 inches to the width of the appliance. If the appliance will be lifted off the ground and slid into the framed opening, we suggest changing the framing width from 65-11/16 to 69-11/16 to allow the appliance to slide into position with the handles on, or creating a platform in front of the framed opening where the lift handles can be removed prior to installation. If the framing is raised off the ground you can install it after the appliance is in place with handles removed to maintain the framing width of 65-11/16". Ensure that the wood base for the appliance is strong enough to support its shipping weight of 480 pounds.

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 CV60E in this manual for different ways to achieve this.



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.