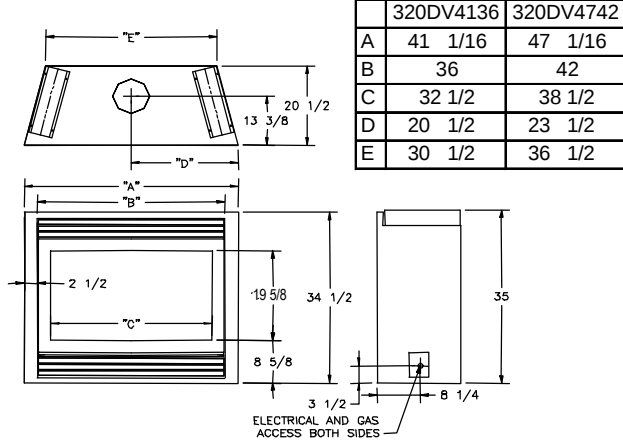


Smartline Direct Vent Fireplace System

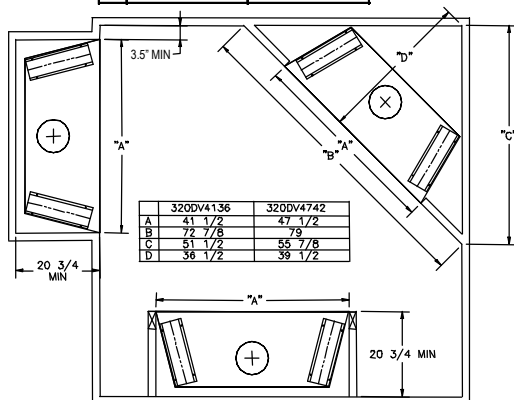
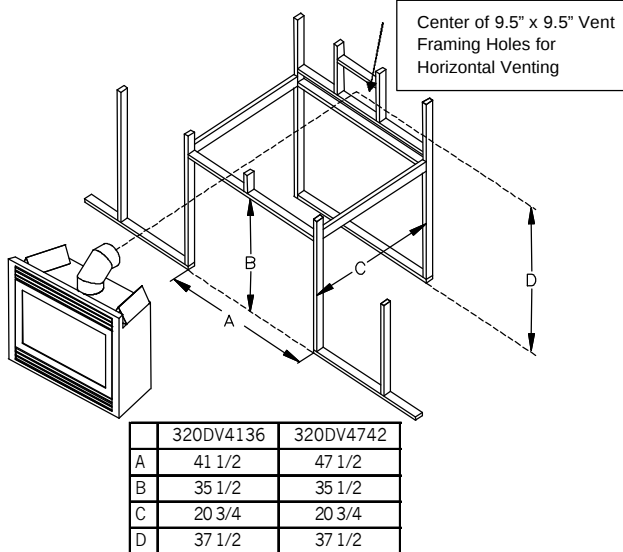


3000 SERIES

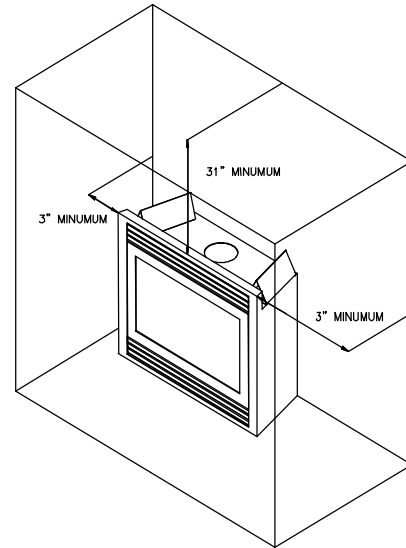
PRODUCT DIMENSIONS



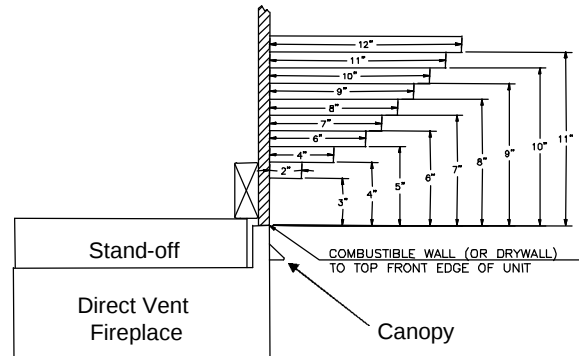
FRAMING DIMENSIONS



MINIMUM CLEARANCES

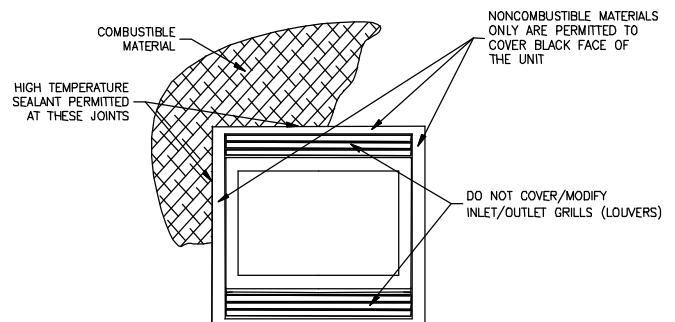


MANTEL CLEARANCES



The canopy must be used if the fireplace is installed in a wood surround. If a combustible mantel is installed, it must meet the clearance requirements above.

FINISHING MATERIALS

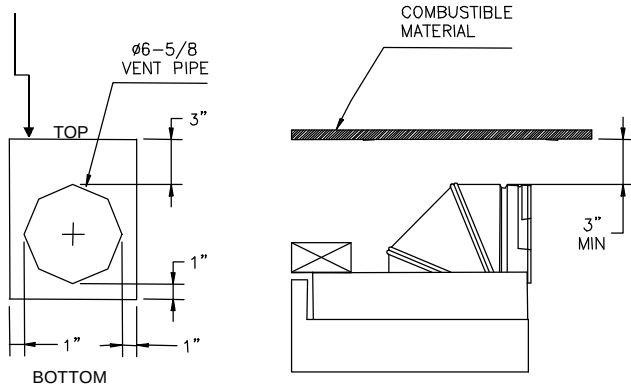


Heat with Personality.

DIRECT VENT FIREPLACE

3000 SERIES

VENT-PIPE CLEARANCES



NOTE: Minimum 1" clearance required where pipe goes through nearest vertical wall.

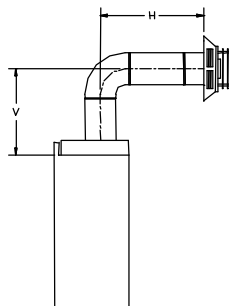
VERTICAL VENTING

Dim	Min	Max
V	6 feet	40 feet

NOTE: An Air Restrictor Kit is recommended for vertical runs of **25** feet or more to improve flame appearance. This kit can be found in the homeowner manual packet assembly.

HORIZONTAL VENTING – ONE ELBOW

V - Vertical	H - Horizontal
Elbow (5")	30" Max
Elbow (5")	22" Corner Max
1' Min	5' Max
2' Min	10' Max
3' Min	15' Max
4' Min	20' Max



NOTE:

If a 90° Elbow is first attached to the unit, the maximum horizontal run, H, is 30 inches straight out, and 30 inches at a corner installation.

LISTING & CODE APPROVAL

Monessen's 3000 Series Direct Vent Fireplaces are CSA Approved as Vented Gas Fireplace Heaters to the ANSI Z21.88-1998•CSA 2.33-M98 Standards.

Annual Fuel Utilization Efficiency (A.F.U.E.) Heater Rated



Monessen reserves the right to make changes at any time without notice in regards to design, specifications, prices, and to discontinue models.

Always consult the Owner's Manual for proper Installation and Operating instructions.

FIRE STOP INSTALLATION

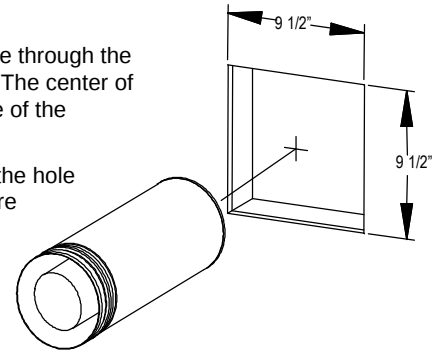
A wall or ceiling firestop (P/N 963) **MUST BE** installed if the vent passes through a wall or ceiling

For wall

Cut a 9 1/2" X 9 1/2" hole through the interior or exterior wall. The center of the hole is the centerline of the horizontal pipe.

Position the firestop on the hole previously cut and secure with screws or nails.

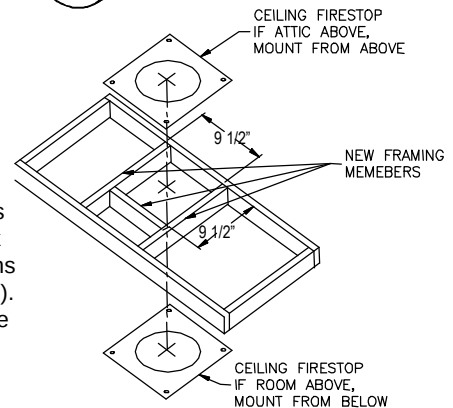
Run vent through firestop.



For Ceiling

For ceiling firestops, position a plumb bob over the center of the vertical pipe; to spot a hole through which the pipe will penetrate.

Drill a hole through this center point and check the floor for obstructions (i.e. wiring or plumbing). Reposition the fireplace and vent system, if necessary, to accommodate ceiling joists or obstructions.

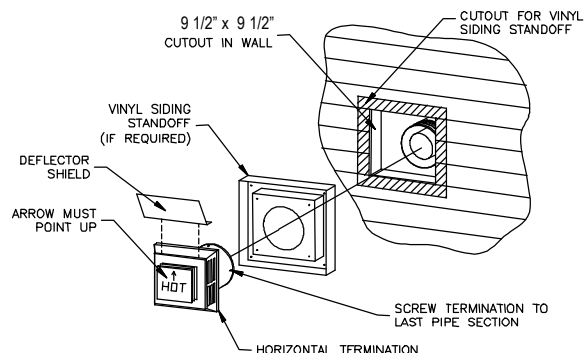


Cut a 9 1/2" by 9 1/2" hole through the ceiling, using the center point. Frame the hole with framing lumber the same size as the ceiling joists.

Position firestop. If attic is above, mount firestop on top of framing. If room is above, mount firestop on the bottom of framing. Secure with nails or screws.

Run vent through firestop.

HORIZONTAL TERMINATION INSTALLATION WITH VINYL SIDING USING SIMPSON DURAVENT PIPE



Heat with Personality.