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SPECIFICATIONS

Merit™ Plus MPD/MPDT/MPDR Direct-Vent Gas Fireplaces

**MERIT™ Plus
SERIES**

MODELS

MILLIVOLT:

MPDT33RNM MPD40RNM
MPDT33RPM MPD40RPM
MPDR33RNM MPD45RNM
MPDR33RPM MPD45RPM
MPD35RNM
MPD35RPM

ELECTRONIC:

MPDT33RNE MPD40RNE
MPDR33RNE MPD45RNE
MPD35RNE

PRODUCT INFORMATION

Model	Shipping Weight	Shipping Volume
33" Models	98 lbs.	13.1 cu. ft.
35" Models	113 lbs.	15.8 cu. ft.
40" Models	147 lbs.	20.2 cu. ft.
45" Models	160 lbs.	23.0 cu. ft.

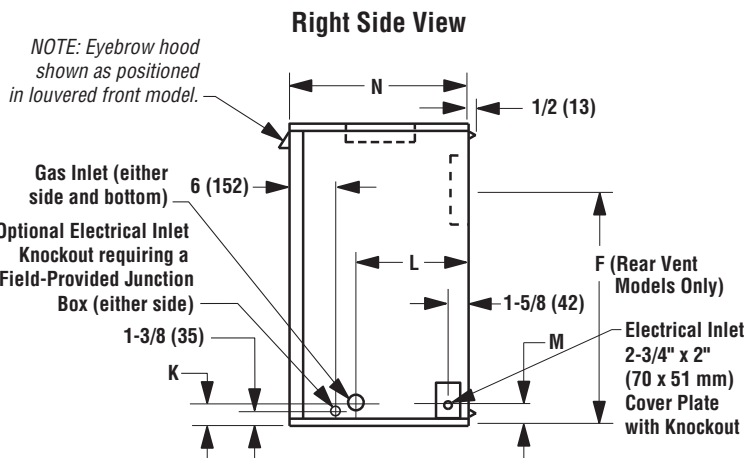
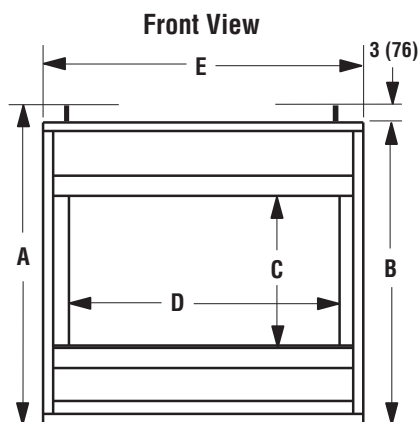
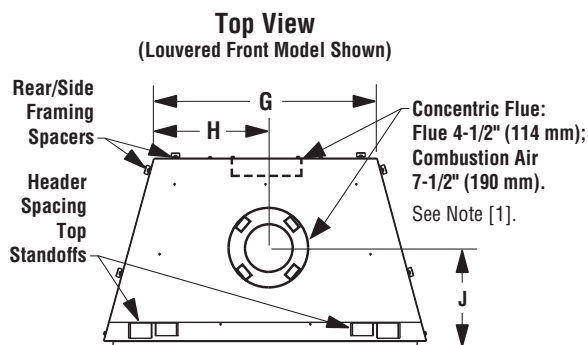
VENT SIZE

Coaxial Direct-Vent Pipe	4-1/2" Inner 7-1/2" Outer
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Tested & Listed By **OTL** Portland Oregon USA
OMNI-Test Laboratories, Inc.

OTL Report No. 116-f-13g-5

FIREPLACE DIMENSIONS

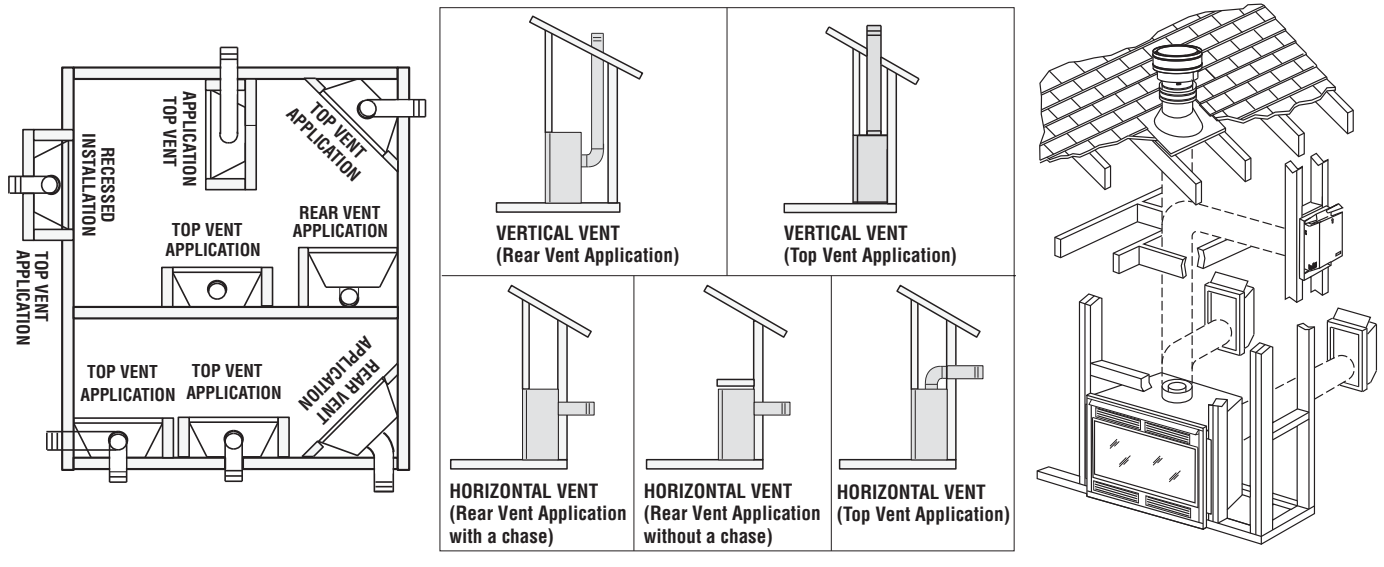


Notes:

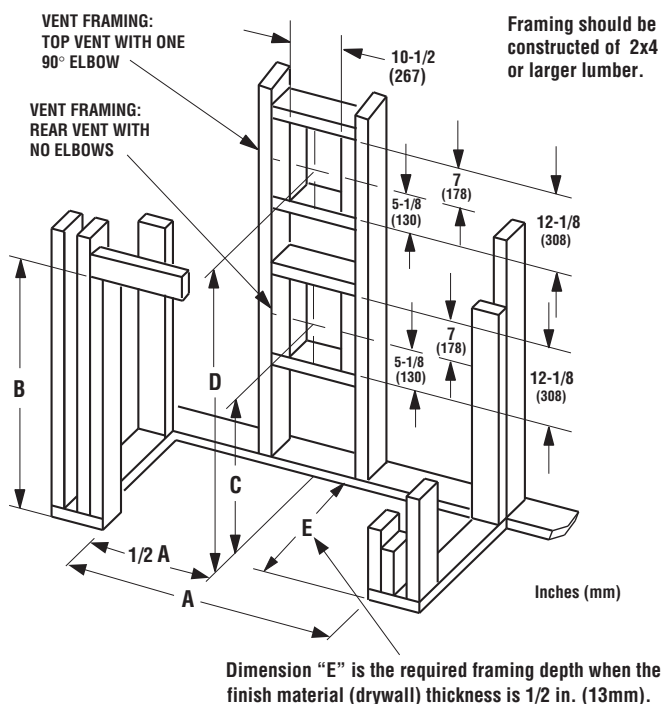
[1] **MPD** models have a top and rear vent. **MPDR** models have a rear vent only. **MPDT** models have a top vent only.

Model No.		A	B	C	D	E	F	G	H	J	K	L	M	N
MPDT30 MPDR30	in.	33 1/8	30 1/8	17	27 1/2	33 1/8	19 5/8	21 1/2	10 3/4	6 13/16	3	8 11/32	2 2/3	13
	mm	841	765	432	699	841	498	546	273	173	76	212	70	330
MPD35	in.	35 1/8	32 1/8	19	29 1/2	35 1/8	21 11/16	24 7/8	12 7/16	9	3	9	3	16
	mm	892	816	483	749	892	551	632	316	220	76	220	76	406
MPD40	in.	40 1/8	37 1/8	24	34 1/2	40 1/8	26 11/16	29 7/8	14 15/16	9	3	9	3	16
	mm	1019	943	610	876	1019	678	759	379	220	76	220	76	406
MPD45	in.	40 1/8	37 1/8	24	39 1/2	45 1/8	26 11/16	34 7/8	17 7/16	9	3	9	3	16
	mm	1146	943	610	1003	1146	678	886	443	220	76	220	76	406

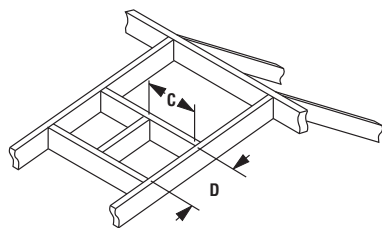
TYPICAL INSTALLATION / LOCATIONS



FRAMING DIMENSIONS

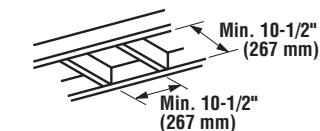


ROOF FRAMING DIMENSIONS



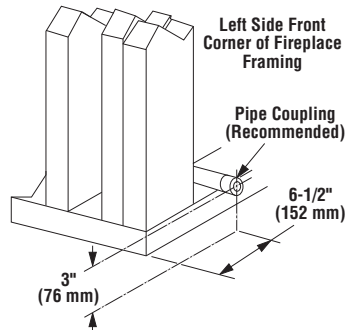
Pitch	C	D
0/12	10-1/2 in (267 mm)	10-1/2 in (267 mm)
6/12	10-1/2 in (267 mm)	12 in (305 mm)
12/12	10-1/2 in (267 mm)	17-3/4 in (451 mm)

CEILING OPENING FRAMING



*See "ROOF FRAMING DIMENSIONS," above.

GAS LINE ROUTING



SECURING UNIT TO FRAMING BY UNIT NAILING FLANGES

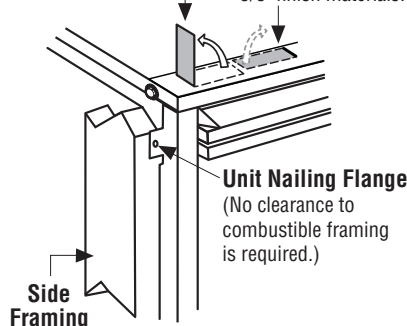
IMPORTANT!

Bend up the appropriate header spacing top standoffs before installing the fireplace.

Header Spacing Top Standoffs
(two pairs on front edge of firebox top)

Lift up outer pair for 1/2" finish materials.

Lift up inner pair for 5/8" finish materials.



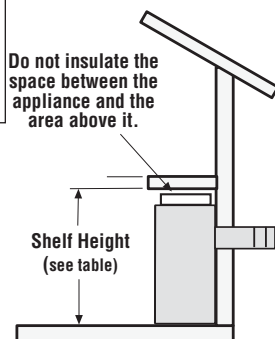
Left Side Front Corner of Fireplace shown (right side requirements are the same)

NOTE: The nailing flanges, combustible members, and screw heads in areas directly adjacent to the nailing flanges are EXEMPT from the 1/2" clearance to combustible requirements for the firebox outer wrapper.

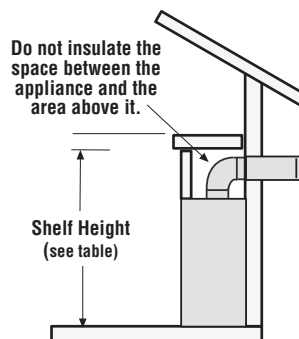
Combustible framing may be in direct contact with the nailing flanges and may be located closer than 1/2" from screw heads and the firebox wrapper in areas adjacent to the nailing flanges.

Frame the opening to the exact dimensions specified in the framing details in this manual.

SHELF HEIGHT MINIMUM CLEARANCES



Shelf Above Fireplace With Rear Venting



Shelf Above Fireplace With Top Venting

Models	Combustible Shelf Height - Inches (millimeters)			
	Top Vent - with One 90 Degree Elbow		Rear Vent - Straight Out Back	
	Secure Vent	Secure Flex	Secure Vent	Secure Flex
MPDT33 MPDR33	44-1/2 (1130)	46-1/4 (1175)	33-1/4 (845)	33-1/4 (845)
MPD35	46-1/2 (1181)	48-1/4 (1226)	35-1/4 (895)	35-1/4 (895)
MPD40 MPD45	51-1/2 (1308)	53-1/4 (1353)	40-1/4 (1022)	40-1/4 (1022)

MINIMUM CLEARANCES TO COMBUSTIBLES ①

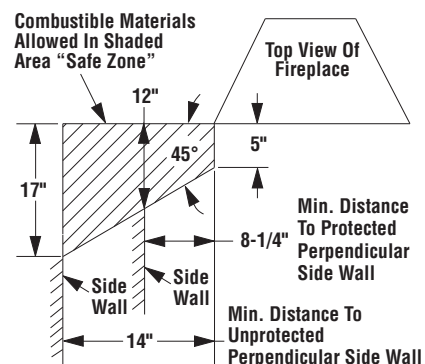
Back	1/2 in (13 mm) 0 (0) from Spacers or Dimples
Sides	1/2 in (13 mm) 0 (0) from Spacers Or Dimples ②
Top Spacers	0 (0)
Floor	0 (0)
From Bottom of Unit to Ceiling	64 in (1626 mm)
Vent	Top: 3 in (76 mm) ① Sides & Bottom: 1 in (25.4 mm)

SERVICE CLEARANCES

Front	3 ft (0.9 m)
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- ① 3 in (75 mm) above any horizontal/inclined vent component.
- ② See **Page 2** of this document for clearance requirements to nailing flanges on each side of unit and any adjacent screw heads.

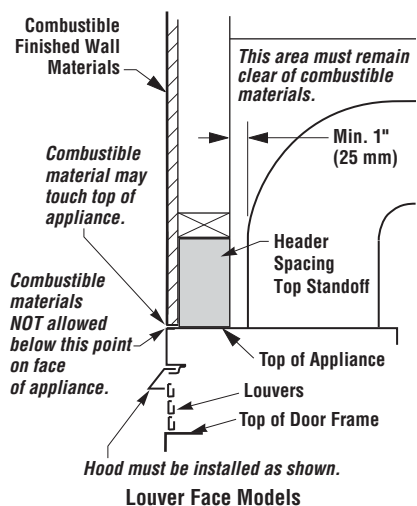
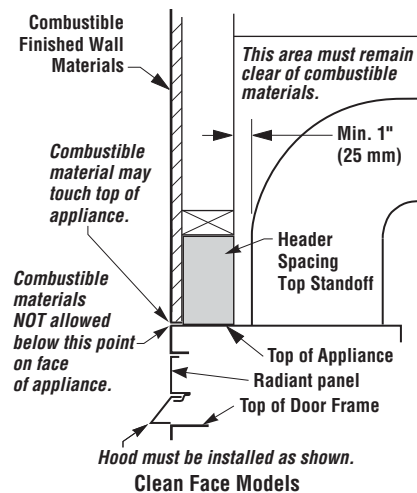
MINIMUM DISTANCE TO SIDE WALL



Combustible materials may project beyond one side of the fireplace opening as long as they are kept within the shaded areas illustrated here.

FINISHING REQUIREMENTS**Wall Details**

To install the appliance facing flush with the finished wall, position framework to accommodate thickness of finished wall, as shown below.

**MANTEL CLEARANCES**

Inches (mm)

