



HEARTH PRODUCTS

SPECIFICATIONS

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

MERIT™ Plus
SERIES

To download additional literature for this product, visit www.LennoxHearthProducts.com.

MODELS

MILLIVOLT:

- MPDT33RNM
- MPDT33RPM
- MPDR33NRM
- MPDR33RPM
- MPD35RNM
- MPD35RPM
- MPD40RNM
- MPD40RPM
- MPD45RNM
- MPD45RPM

ELECTRONIC:

- MPDT33RNE
- MPDR33RNE
- MPD35RNE
- MPD40RNE
- MPD45RNE

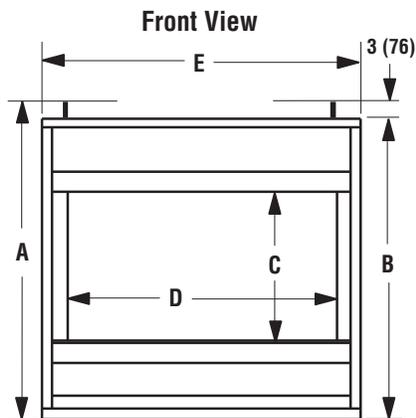
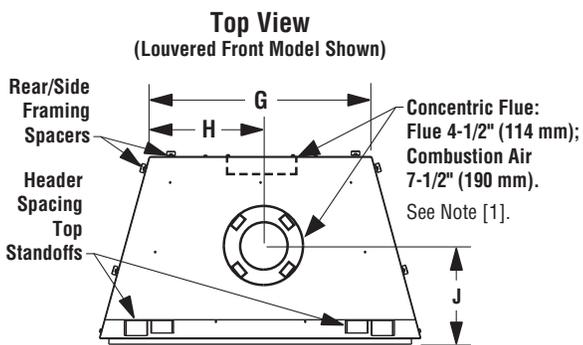
PRODUCT INFORMATION		
Model	Shipping Weight	Shipping Volume
33" Models	98 lbs.	13.1 cu. ft.
35" Models	113 lbs.	15.8 cu. ft.
40" Models	147 lbs.	20.2 cu. ft.
45" Models	160 lbs.	23.0 cu. ft.

VENT SIZE	
Coaxial Direct-Vent Pipe	4-1/2" Inner 7-1/2" Outer



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

FIREPLACE DIMENSIONS

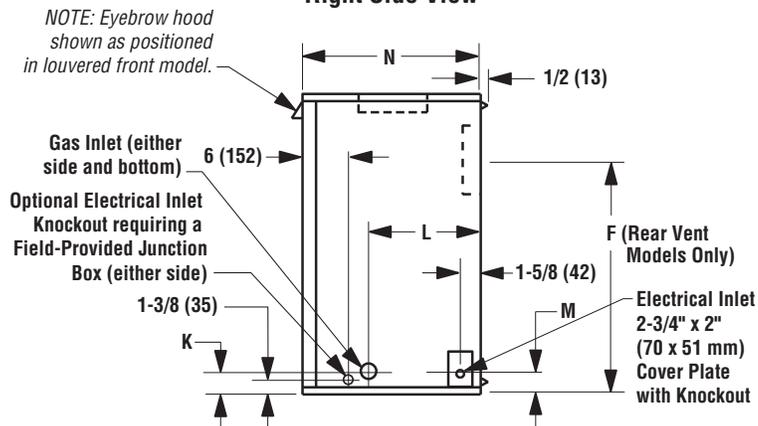


Both millivolt and electronic versions of these appliances are listed by OMNI-Test Laboratories for installation in bedrooms and Manufactured Homes.

NOTICE

Diagrams, illustrations, and photographs are not to scale. Consult fireplace *Installation Instructions*. Product designs, materials, dimensions, specifications, colors, and prices are subject to change or discontinuance without notice.

Right Side View

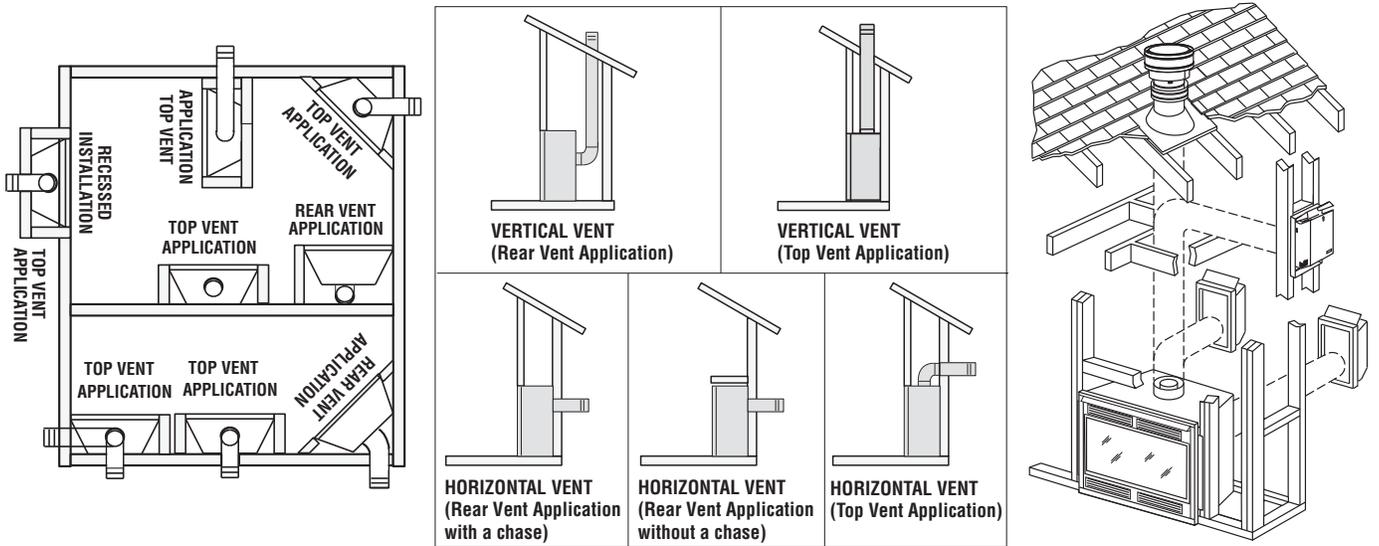


Notes:

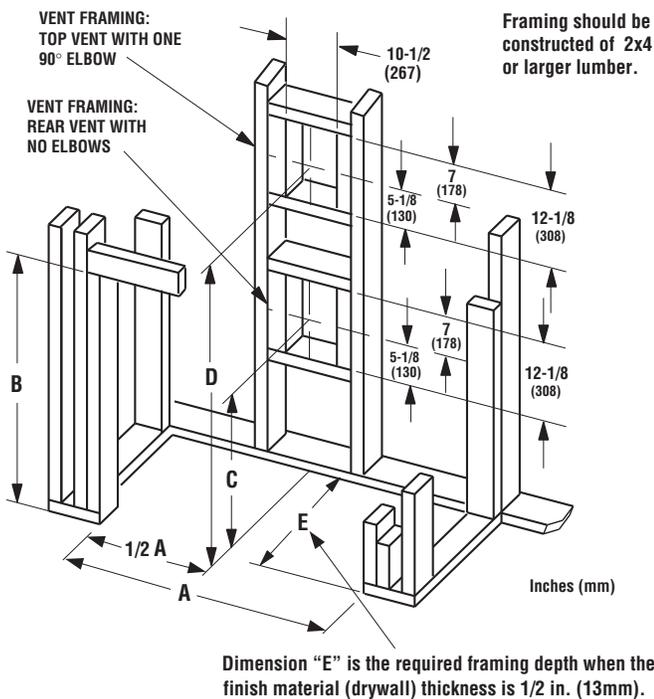
[1] MPD models have a top and rear vent. MPDR models have a rear vent only. MPDT models have a top vent only.

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

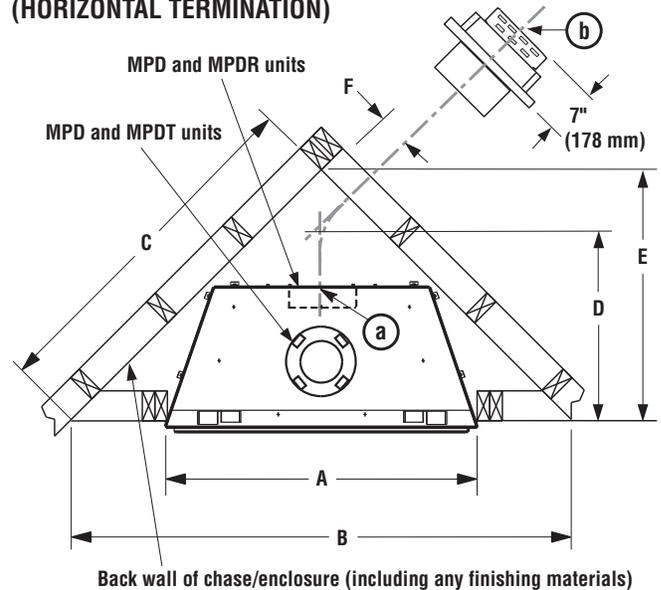


FRAMING DIMENSIONS



Model No.		A	B	C	D	E
MPDT33	in.	33 1/4	33 1/4	----	37 3/4	12 7/8
	mm	845	845	----	959	327
MPDR33	in.	33 1/4	33 1/4	19 5/8	----	12 7/8
	mm	845	845	498	----	327
MPD35	in.	35 1/4	35 1/4	21 11/16	39 3/4	16
	mm	895	895	551	1010	406
MPD40	in.	40 1/4	40 1/4	26 11/16	44 3/4	16
	mm	1022	1022	678	1137	406
MPD45	in.	45 1/4	40 1/4	26 11/16	44 3/4	16
	mm	1149	1022	678	1137	406

CORNER FRAMING DIMENSIONS (HORIZONTAL TERMINATION)

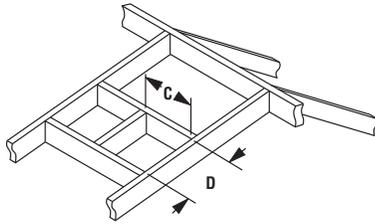


Model No.		A	B	C	D	E	F
MPDT33	in.	33 1/8	48 1/2	34 5/16	17 3/16	24 1/4	5
	mm	841	1232	872	437	616	127
MPDR33	in.	35 1/8	57 1/2	40 5/8	19 3/16	28 3/4	6 1/8
	mm	892	1461	1032	487	730	156
MPD35	in.	40 1/8	61 3/16	43 11/32	19 3/16	30 11/16	7 7/8
	mm	1019	1554	1101	487	779	200
MPD40	in.	45 1/8	66 3/8	46 15/16	19 3/16	33 3/16	9 3/4
	mm	1146	1686	1192	487	843	248

Note:

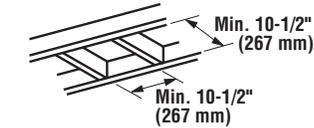
- **Rear Vent Applications in Corner Installations:** The horizontal vent length (from a to b) must not exceed 28 inches (711 mm).
- **MPDT33 AND MPDR33 Models:** Dimensions A through F occur when one 45-degree elbow is connected directly to the appliance collar.
- **MPD35, MPD40, and MPD45 Models:** Dimensions D through F occur when one 45-degree elbow is connected directly to the appliance collar.

ROOF FRAMING DIMENSIONS



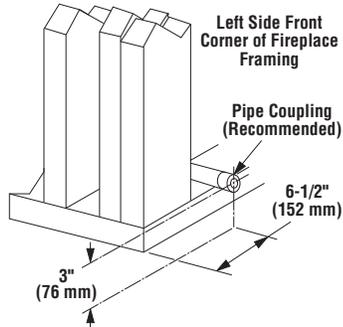
Pitch	C	D
0/12	10-1/2 in (267 mm)	10-1/2 in (267 mm)
6/12	10-1/2 in (267 mm)	12 in (305 mm)
12/12	10-1/2 in (267 mm)	17-3/4 in (451 mm)

CEILING OPENING FRAMING



*See "ROOF FRAMING DIMENSIONS," above.

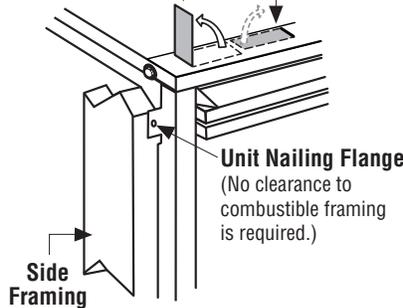
GAS LINE ROUTING



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.

MINIMUM CLEARANCES TO COMBUSTIBLES ①

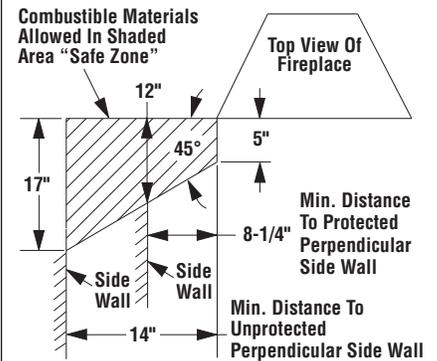
Back	1/2 in (13 mm) 0 (0) from Spacers or Dimples
Sides	1/2 in (13 mm) 0 (0) from Spacers Or Dimples ②
Top Spacers	0 (0)
Floor	0 (0)
From Bottom of Unit to Ceiling	64 in (1626 mm)
Vent	Top: 3 in (76 mm) ① Sides & Bottom: 1 in (25.4 mm)

SERVICE CLEARANCES

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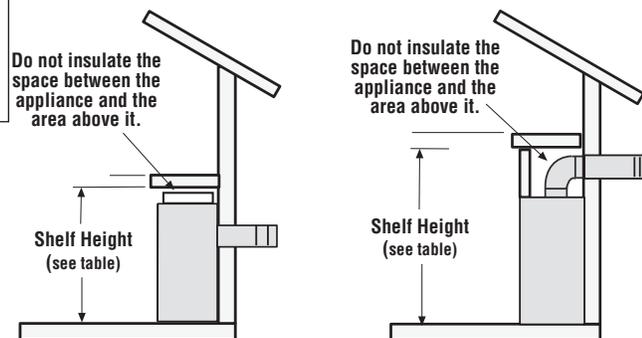
- ① 3 in (75 mm) above any horizontal/inclined vent component.
- ② See **Page 2** of this document for clearance requirements to nailing flanges on each side of unit and any adjacent screw heads.

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.

SHELF HEIGHT MINIMUM LEARANCES



Shelf Above Fireplace With Rear Venting

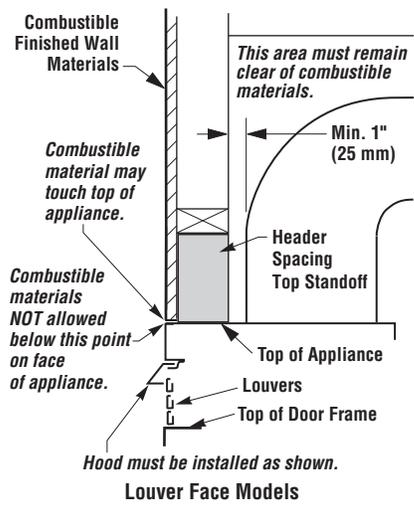
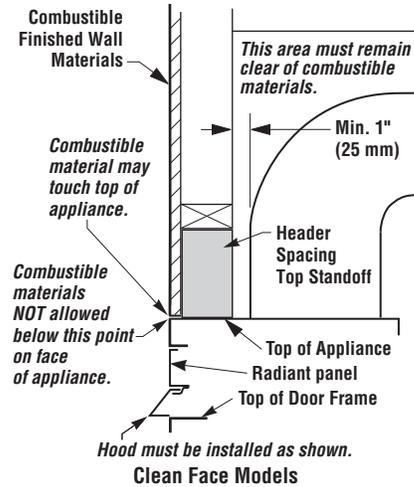
Shelf Above Fireplace With Top Venting

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)

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)

