

MP-420D

Appliance Specifications

Product Reference Information			
Cat. No.	Model	Ship. Weight	Ship. Volume
H1934	MP-420D	188 lb.	24 cu. ft.

Framing Dimensions Fireplace Opening Width		
A	46-1/2"	1181 mm
B ₁	43-1/2"	1105 mm
B ₂	60-1/2"	1537 mm
C	33"	828 mm
D	17-1/2"	445 mm
E	76-1/4"	1937 mm
F	38-1/8"	968 mm
G	21-5/8"	549 mm
H	20-5/8"	524 mm
J	53-7/8"	1362 mm
K	8"	203 mm

Notes

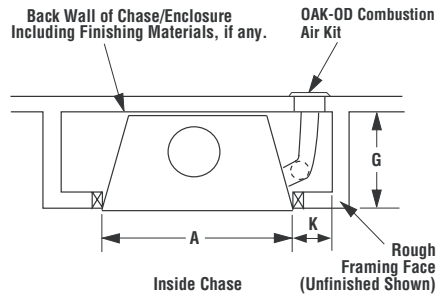
Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.

All framing dimensions calculated for 1/2" dry wall at the fireplace face. If sheathing the chase or finishing with other thickness materials, calculations will need to be made.

See *Installation Instructions Manual* for Ceiling and Roof Framing Dimensions.

Diagrams & Illustrations Not to Scale

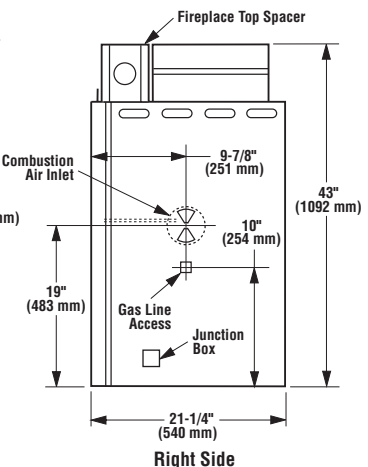
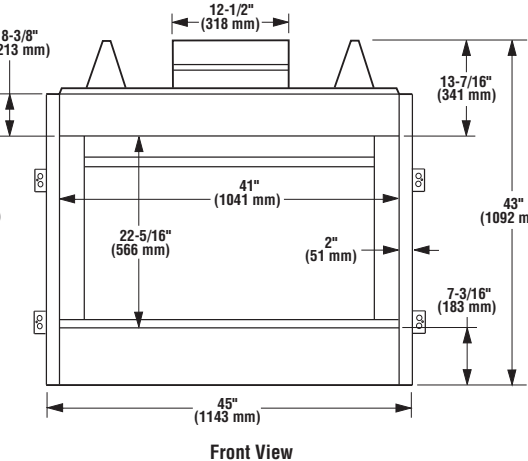
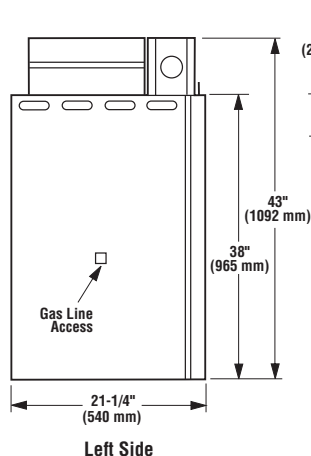
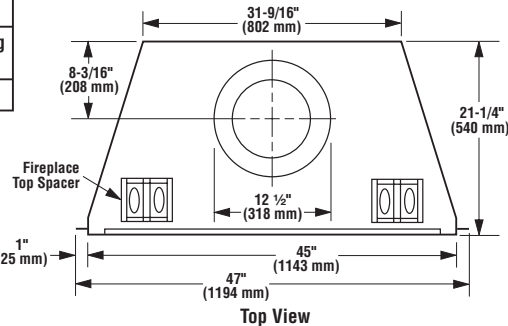
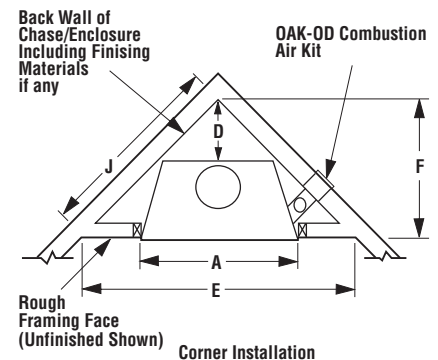
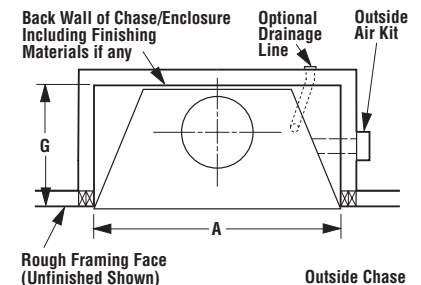
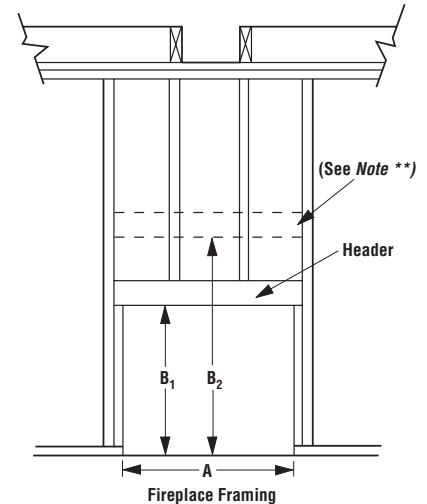
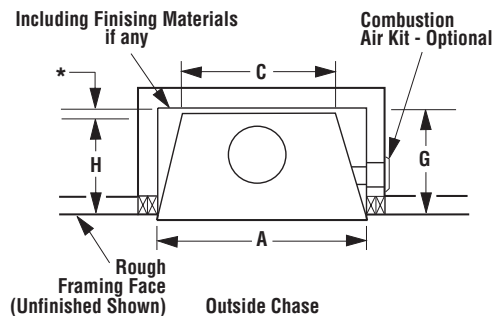
Tested & Listed By  Beaverton Oregon USA
OMNI-Test Laboratories, Inc.
OTL Report No. 116-F-37-2



Outside Chase - Indoor Installations

****Note:** When Framing With 6" Studs Header Must Be 17" (432mm) Higher. Use Security Chimney's OR15 Offset/Return Elbow To Recess The Chimney Back 2 1/2" (64mm). Flat Frame Down To A False Header At (B₁). Maintain Required Clearance To Chimney At All Times.

* 1" Air Space to insulation & construction materials on back and sides.

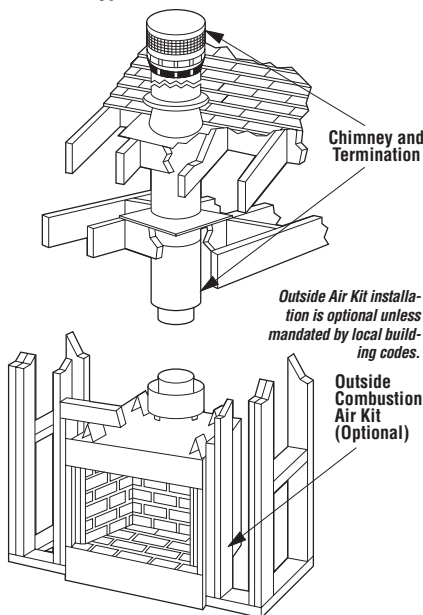


LENNOX
HEARTH PRODUCTS

MP-420D

TYPICAL FRAMING INSTALLATIONS

Typical Installation - Indoors



Notes:

- Framing is shown as reference only. It can differ according to design and local building codes.
- Fireplace is shown for illustration purposes only. It may differ from actual model.

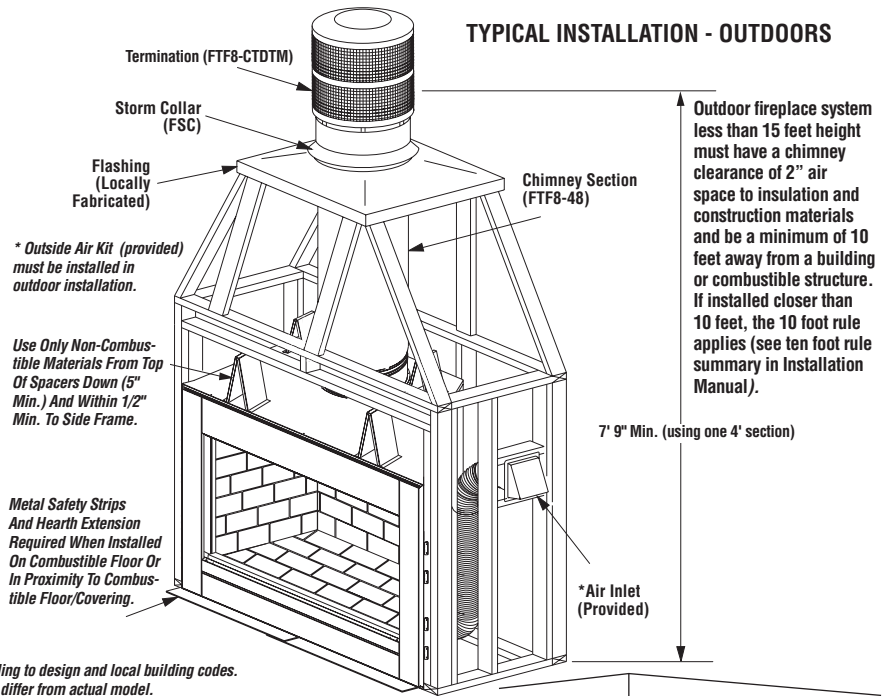
Hearth Extension Dimensions	
A	16"
B	35"
C	8"
D	52"

Hearth Extensions and Wall Shields

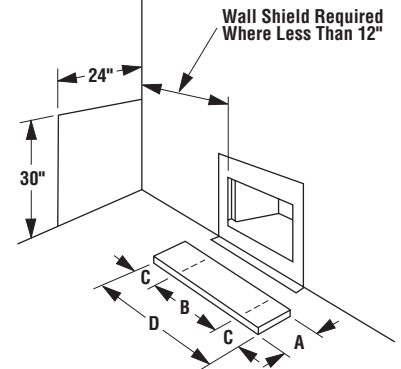
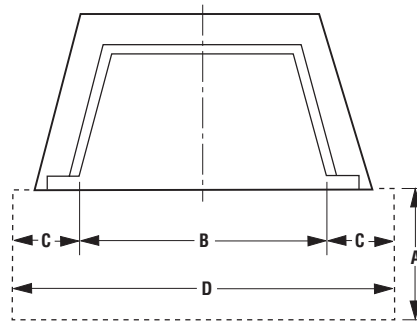
Thermal Conductivity and Resistance Requirements

"k" & "r" Value Requirements (see installation manual for details)		
k (per inch)	r (per inch)	Listed Min. Thickness
.84	1.19	1"

TYPICAL INSTALLATION - OUTDOORS



Outdoor fireplace system less than 15 feet height must have a chimney clearance of 2" air space to insulation and construction materials and be a minimum of 10 feet away from a building or combustible structure. If installed closer than 10 feet, the 10 foot rule applies (see ten foot rule summary in Installation Manual).



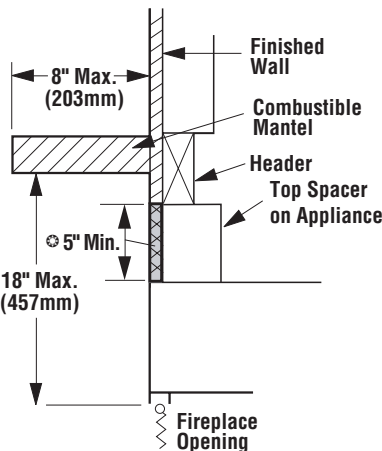
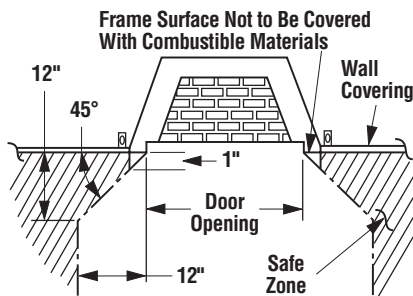
MANTEL CLEARANCES

CLEARANCES

Minimum clearance to combustibles for the appliance is as follows: sides and back - 1" (25 mm), floor - 0" (0 mm), adjacent wall - 12" (305 mm), ceiling - 37 1/2" (953 mm).

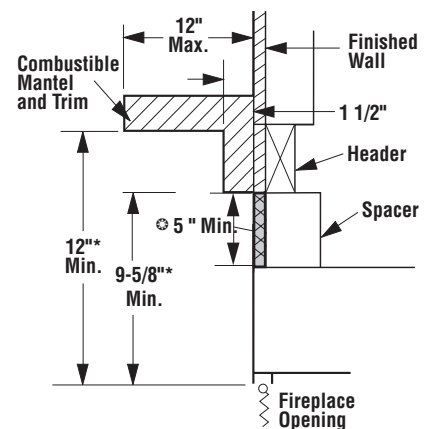
Note: Clearance at the nailing tab is 0" (0mm).

Note: Adjacent wall considerations are for an adjacent wall on only a single side. Walls should not be placed at minimum distance at both sides of the fireplace.



• The shaded gray area indicates non-combustible material is required.

CANADIAN INSTALLATION



*Both Of These Dimensions Must Be At Least 18" When An Unvented Gas Log Set Rated At 26,000 BTU Or Higher Is Used. (Maximum 40,000 BTU).

• The shaded gray area indicates non-combustible material is required.

USA INSTALLATION