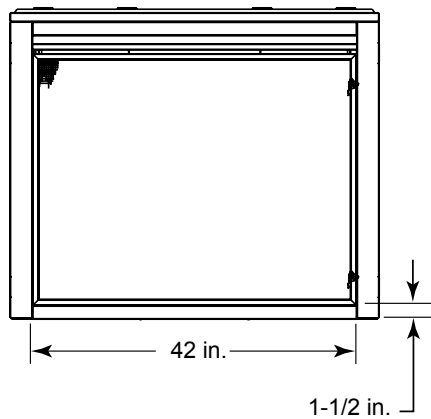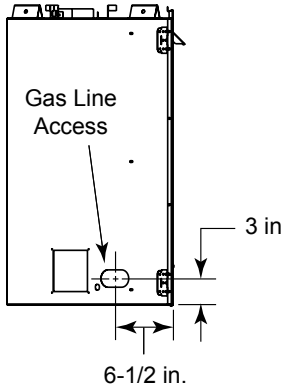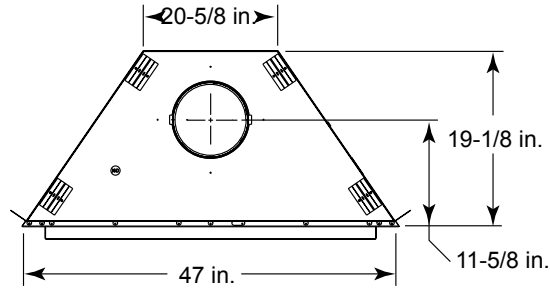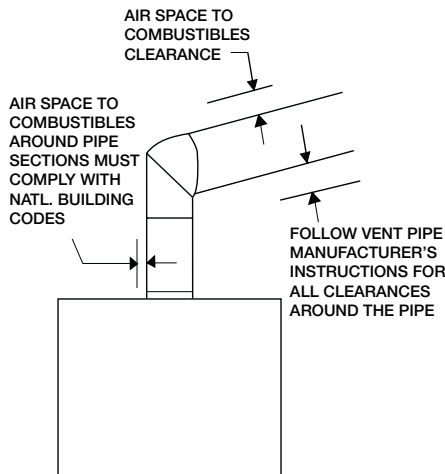# heatilator®
The first name in fireplaces

Please consult the manufacturer's installation manual for all details and requirements before making a final design layout decision.

NBV4842
Single-sided Gas Fireplace

MODEL	HEIGHT		FRONT WIDTH		BACK WIDTH		DEPTH		VIEWING AREA
	Actual	Framing	Actual	Framing	Actual	Framing	Actual	Framing	
NBV4842	34-1/2	34-7/8	47	48	20-5/8	48	19-1/8	19-5/8	42 x 20

20-5/8 in.

19-1/8 in.

11-5/8 in.

47 in.

Gas Line Access

3 in

6-1/2 in.

42 in.

1-1/2 in.

34 in.

31-1/2 in.

2-3/8 in.

Gas Line Access

Electrical Access

34-1/2 in.

2 in.

8 in.

13-1/4 in.
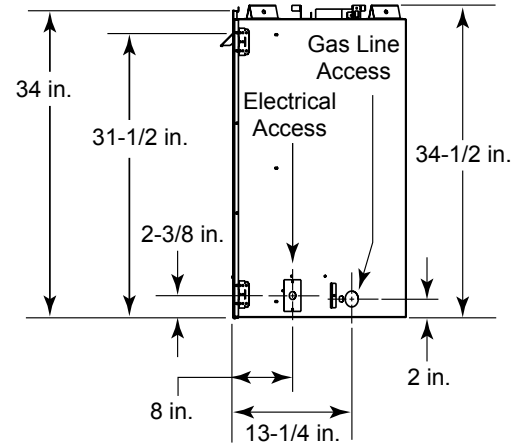
GUIDELINES FOR VERTICAL VENTING WITH A TWO-ELBOW CONFIGURATION

AIR SPACE TO COMBUSTIBLES CLEARANCE

AIR SPACE TO COMBUSTIBLES AROUND PIPE SECTIONS MUST COMPLY WITH NATL. BUILDING CODES

FOLLOW VENT PIPE MANUFACTURER'S INSTRUCTIONS FOR ALL CLEARANCES AROUND THE PIPE

⚠ **WARNING!!** **Fire Risk.**
Consult installation manual for installation clearances and details.
• Maximum vertical (V1) = 60 ft. (18.3 m) from base of application to termination.
• Minimum vertical vent = 12 ft. (3.7 m) from base of application to termination.
• Vertical (V1) to horizontal (H1) ratio = 2:1 every 2 ft. of V1 allows 1 ft. maximum of H1.
• Maximum length of horizontal (H1) is 50% of (V1) & cannot be more than 30 ft. (19.2 m).
• This product must terminate vertically.
• Use B-vent pipe coupled with an attic shield.
• Maintain 1/2 in. (13 mm) minimum clearance to combustibles from the back and sides of the fireplace.

METAL PLUMBER'S STRAP

V1

H1

A VERTICAL RISE OF 1/4 IN. PER FT. OF HORIZONTAL RUN IS REQUIRED
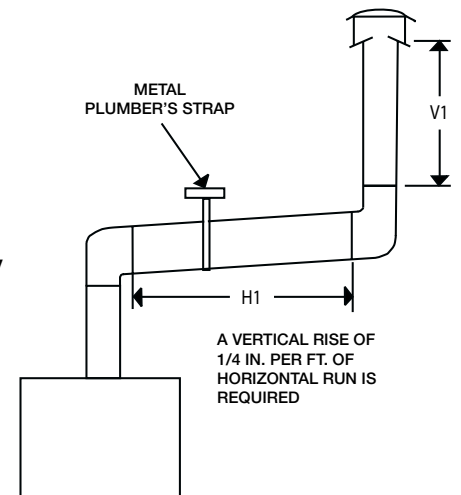
DISCLAIMER: This information is intended for reference only, and is subject to change without notice. Refer to www.heatilator.com to view the installation manual for detailed information, or work with a fireplace dealer when planning and installing this unit.

FIREPLACE LOCATIONS AND DIMENSIONS

1/2 in. (13 mm) min. appliance to combustibles

B

C

A

D

Drywall

Alcove Installation

48 in. (1219 mm) max.

Extremely tight corner fit!

In addition to these framing dimensions, also reference the following sections:
• Clearances and Mantel Projections (Sections 3.C. and 3.D.)
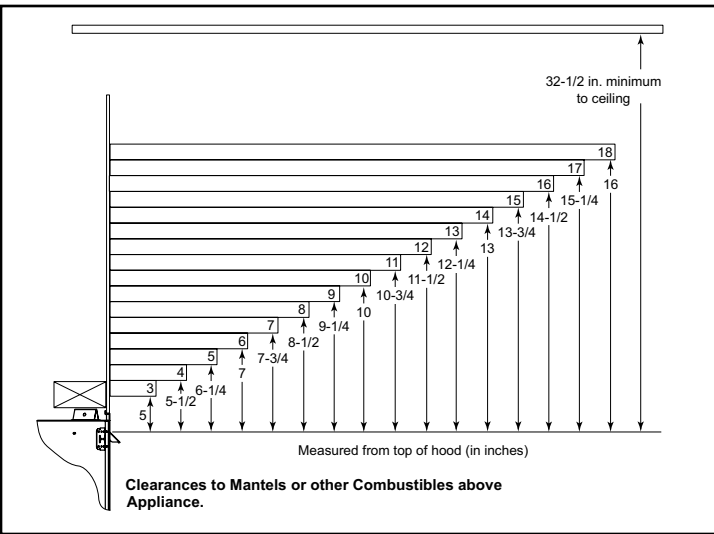• Vent Clearances and Framing (Section 6)

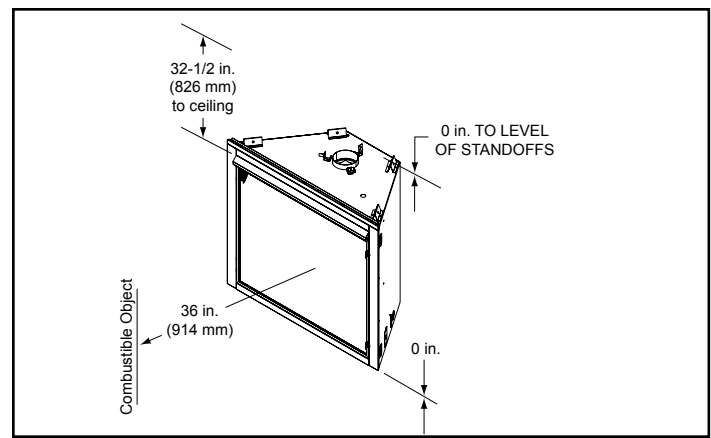| Model	A	B	C	D
NBV4842	48"	41-7/8"	19-5/8"	49"

FRAMING

Per Manufacturer's Specifications

B

C

A

Model	A Rough Opening (Width)	B Rough Opening (Height)	C Rough Opening (Depth)
NBV4842	48"	34-7/8"	19-5/8"

MANTEL PROJECTIONS

32-1/2 in. minimum to ceiling

18
17
16   16
15   15-1/4
14   14-1/2
13   13-3/4
12   13
11   12-1/4
10   11-1/2
9   10-3/4
8   10
7   9-1/4
6   8-1/2
5   7-3/4
4   7
3   6-1/4
5   5-1/2
5

Measured from top of hood (in inches)

Clearances to Mantels or other Combustibles above Appliance.

CLEARANCE TO PERPENDICULAR WALLS

Top of Appliance

Drywall

A

B

Mantel Leg or Perpendicular Wall

A	1 in. (25 mm) min. to perpendicular wall
B	3-1/2 in. (89 mm) min. from fireplace opening to perpendicular wall

APPLIANCE CLEARANCES

32-1/2 in. (826 mm) to ceiling

0 in. TO LEVEL OF STANDOFFS

Combustible Object

36 in. (914 mm)

0 in.

NONCOMBUSTIBLE FACING

Finish wall material may be combustible - Top and Sides

0 in.

0 in.   0 in.

High Temperature Sealant (300° F/149° C min.) Top and Side Seal Joint

PRODUCT LISTING CODES	
US	ANSI Z21.88-2002
CAN	CGA 2.2
c (UL) us LISTED	UL307B

Product information provided is not complete and is subject to change without notice. Product installation must adhere strictly to instructions accompanying product to avoid risk of fire and potential injury.

Additional information can be found online at www.heatilator.com

GS/HTL/Novus_NBV4842_bw_0908