

heatilator®

The first name in fireplaces



Hearth & Home Technologies-Mt. Pleasant
1915 W. Saunders Street
Mt. Pleasant, Iowa 52641
Division, HON INDUSTRIES
www.heatilator.com

INSTALLATION & OPERATING INSTRUCTIONS

NANOV SERIES

36" TOP DIRECT VENT GAS APPLIANCE



For Residential Use - Meets All HUD
Requirements For Manufactured Housing Installations
U.S. Patent 5,613,487

WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- What to do if you smell gas
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

CAUTION:

Do not expose the appliance to the elements (such as rain, etc.).

Note: Read these instructions completely before beginning installation. Failure to follow them could cause an appliance malfunction resulting in serious injury and/or property damage.

WARNING!

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information, consult a qualified installer, service agency or the gas supplier.

Table of Contents

A. Appliance Specifications	3
NANOV COMPONENTS	4
NANOV Optional Installation Components:	4
B. Location and Clearances	5
C. Framing	6
D. Setting the Appliance	6
E. Venting	7
F. Utilities	14
G. Finishing	21
H. Appliance Preparation	21
I. Lighting Instructions	23
J. Seasonal Checklist	24
K. Start-up Issues	25
L. Maintenance Instructions	26
M. Optional Components	28
N. Replacement Parts	29
Index	31
Warranty	32

WARNING!

DO NOT use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

SAFETY PRECAUTIONS

1. Please read these installation instructions completely before beginning installation procedures. Failure to follow them could cause an appliance malfunction resulting in serious injury and/or property damage.
2. Always check your local building codes prior to installation. This installation must comply with all local, regional, state and national codes and regulations.
3. Installation and repair should be done by a qualified service person. This appliance should also be inspected annually by a qualified service person. More frequent inspections/cleaning may be required due to excessive lint from carpeting, bedding materials, etc. It is imperative that the control compartment, burners and circulating air passageways of the appliance be kept clean.
4. This is a vented decorative gas appliance. Do not burn wood or other material in this appliance.
5. NEVER leave children unattended when there is a fire burning in the appliance.
6. This appliance may only use the approved venting systems shown in these installation instructions. Venting must not be connected to chimney flue servicing a solid fuel burning appliance or a gas fuel burning appliance.
7. NEVER use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid, or similar liquids in this appliance. Keep any flammable liquids a safe distance from the appliance.
8. While servicing this appliance, always shut off all electricity and gas to the appliance. This will prevent possible electrical shock or burns. Also, make sure the appliance is completely cooled before servicing.
9. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
10. Be sure to provide adequate clearances around the air openings into the combustion chamber and adequate accessibility clearances for servicing and proper operation.

A. APPLIANCE SPECIFICATIONS

1. U.S. AND CANADA CERTIFICATION

The NANOV Series gas appliance has been tested in accordance with the ANSI standard **Z21.88-2000** in the United States, and the current **CSA 2.33-2000** in Canada, and has been listed by Underwriters Laboratories Inc. for installation as described in this manual. All components are UL, AGA, CGA or CSA safety certified.

2. LOCAL CODES

This installation must conform with local codes. In the absence of local codes comply with the **National Fuel Gas Code, ANSI Z223.1-latest edition**, in the U.S.A. and the **CAN/CGA B149 Installation Codes** in Canada.

The NANOV Series gas appliance has been tested and listed for use in manufactured housing (mobile homes). These installation instructions conform with the **Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280**, or when such a standard is not applicable, the standard for **Manufactured Home Installations, ANSI A225.1**.

For assistance during installation contact your local dealer or contact the Heatilator Technical Services Department, Hearth & Home Technologies, 1915 W. Saunders Street, Mt. Pleasant, Iowa 52641, 1-800-843-2848.

HEATILATOR and NANOV are registered trademarks Hearth & Home Technologies, Division HON INDUSTRIES.

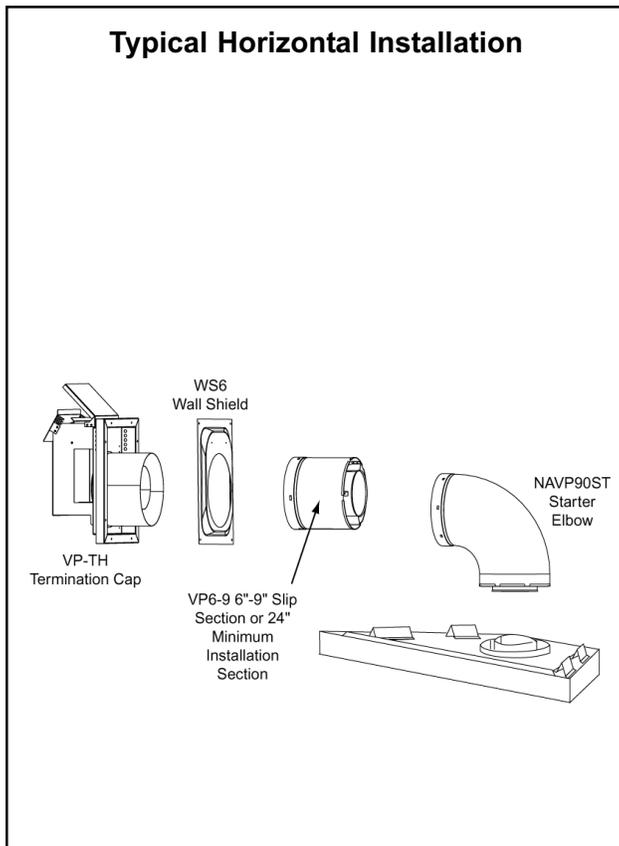
3. GLASS SPECIFICATIONS/CERTIFICATIONS

Heatilator gas appliances manufactured with tempered glass may be installed in hazardous locations such as bathtub enclosures as defined by the CPSC. The tempered glass has been tested and certified to the requirements of **ANSI Z97.1-1984** and **CPSC 16 CFR 1202**. (Safety Glazing Certification Council **SGCC# 1595** and **1597**. Architectural Testing, Inc. Reports **02-31919.01** and **02-31917.01**.)

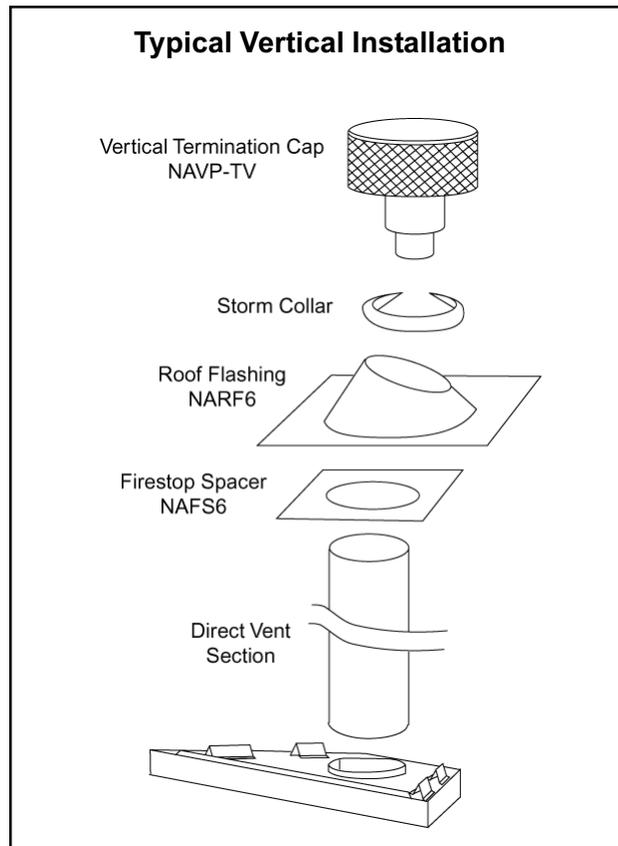
This statement is in compliance with **SPCS 16 CFR Section 1201.5** "Certification and labeling requirements" which refers to **15 USC 2063** stating "...Such certificate shall accompany the product or shall otherwise be furnished to any distributor or retailer to whom the product is delivered."

Some local building codes require the use of tempered glass with permanent marking in such locations. Glass meeting this requirement is available from the factory. Please contact your dealer or distributor to order.

Typical Horizontal Installation



Typical Vertical Installation



The first name in fireplaces

The first name in fireplaces

Note: Minimum and maximum clearances must be maintained at all times. Illustrations throughout these instructions reflect typical installations and are for design purposes only. Actual installation may vary slightly due to individual design preferences. The illustrations and diagrams used throughout these installation instructions are not drawn to scale.

Tools and building supplies normally required for installation:

Saw	Wall-finishing materials
Pliers	Framing material
Hammer	Surround
Phillips Screwdriver	Caulking material
Tape Measure	Gloves
Plumb Line	Framing Square
Level	Electric Drill/Bits

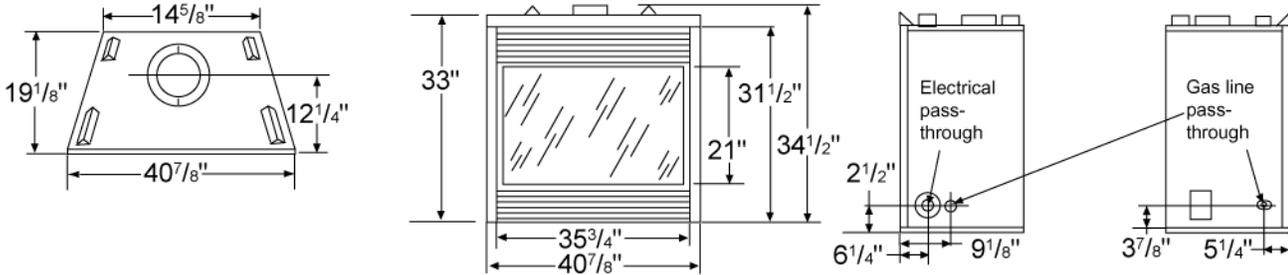
NANOV COMPONENTS

NANOV (GNDC36) 36" Top Direct Vent Decorative Gas Appliance
FK4 Fan Kit
VP-TH Horizontal Termination Cap
VP6-9 Slip Section
WS6 Wall Shield
NAVP90ST Starter Elbow
LP Conversion Kit

NANOV OPTIONAL INSTALLATION COMPONENTS:

Components	Description
NAVP-TV	Vertical Termination Cap
NAVP45	45° Elbow
NAVP90	90° Elbow
NARF6	Roof Flashing (vertical termination for 0/12 to 6/12 pitch)
NAVP12	12" Length Vent Pipe
NAVP36	36" Length Vent Pipe
NAVP48	48" Length Vent Pipe
NAVP-THK-MI	Non-unitized VP-TH Kit (starter elbow, vent section, wall shield, termination cap)
NAFS6	Firestop Spacer
VP12MI	12" Vent Pipe, non-unitized (can be cut to length)
VP24MI	24" Vent Pipe, non-unitized (can be cut to length)
VSS2	Vinyl Soffit Shield

B. LOCATION AND CLEARANCES



Appliance Dimensions

WARNING!
Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.

1. APPLIANCE LOCATIONS AND SPACE REQUIREMENTS

Figure 1 illustrates a variety of ways the appliance may be located in a room. The NANOV Series may be installed directly on the floor or raised on a hearth. These appliances are certified for installation in a bedroom, bed/sitting room or in manufactured housing (mobile homes) in the U.S. and Canada.

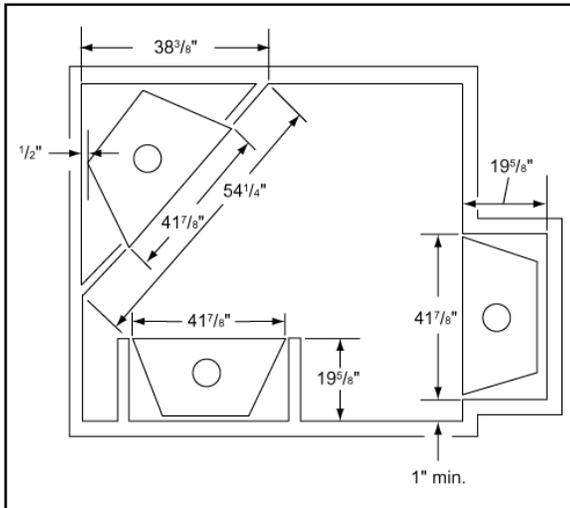


Figure 1
Appliance Locations

2. CLEARANCES

Figure 2 shows all clearances that must be maintained around the appliance. See page 10 for termination cap clearances.

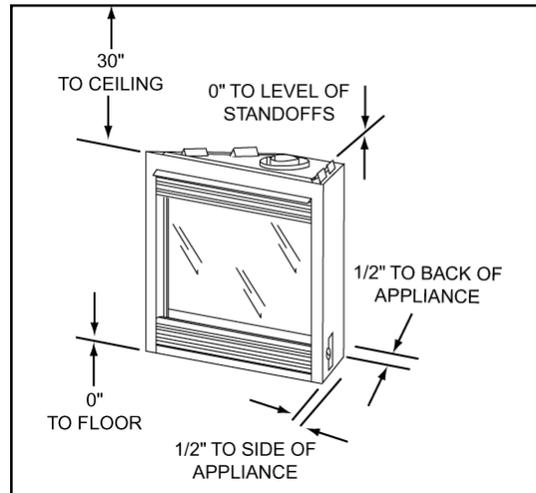


Figure 2
Appliance Clearances to Combustible Materials

CAUTION:
Do not expose appliance to the elements (such as rain, etc.).

The first name in fireplaces

C. FRAMING

Figure 3 shows a typical framing of this appliance using combustible materials. Figure 4 shows the mantel heights for mantel projections. All required clearances to combustibles must be adhered to.

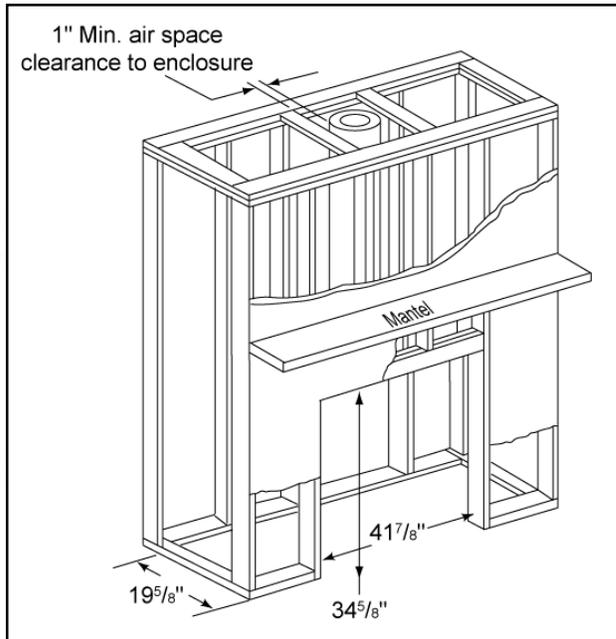


Figure 3
Framing

WARNING!

To prevent contact with sagging or loose insulation, the appliance must not be installed against vapor barriers or exposed insulation.

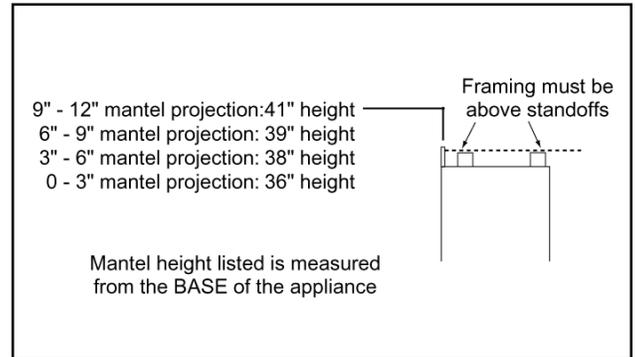


Figure 4
Mantel Heights

CAUTION:
Wear gloves and safety glasses for protection.

CAUTION:
Provide adequate clearances around the air openings into the combustion chamber and adequate accessibility clearances for servicing and proper operation.

D. SETTING THE APPLIANCE

This appliance may be placed on a smooth combustible or noncombustible continuous, flat surface. When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and depth of the appliance. Slide the appliance into position and level the appliance from side-to-side and front-to-back. Shim with noncombustible material as necessary.

Secure the appliance by bending out the nailing flanges on each side of the appliance and nail to framing. The nailing flanges have been positioned 5/8 inch back from the front of the appliance to allow the addition of drywall.

E. VENTING

1. HORIZONTAL VENT TERMINATION (USING SUPPLIED PIECES ONLY)

This kit is supplied with a standard vent kit that will meet the majority of installations for this Heatilator appliance. This kit consists of a 90° starter elbow, a 6-9" slip section, a wall shield, and a termination cap. A typical installation using these parts is diagrammed, along with the clearances to combustible materials around the vent, in Figure 5.

CAUTION:

Provisions shall be made to provide adequate combustion and ventilation air.

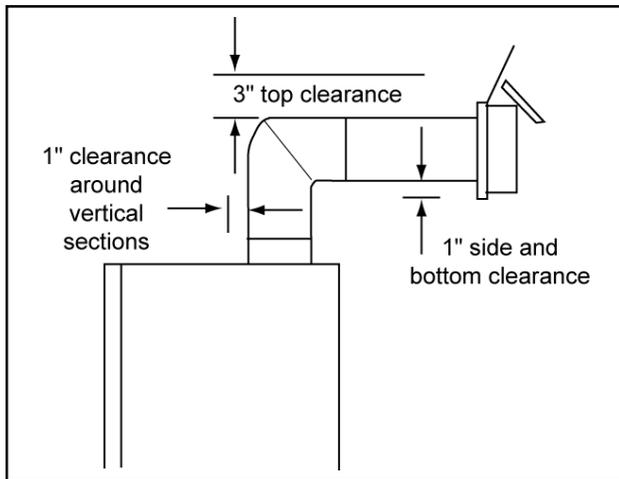


Figure 5
Clearances

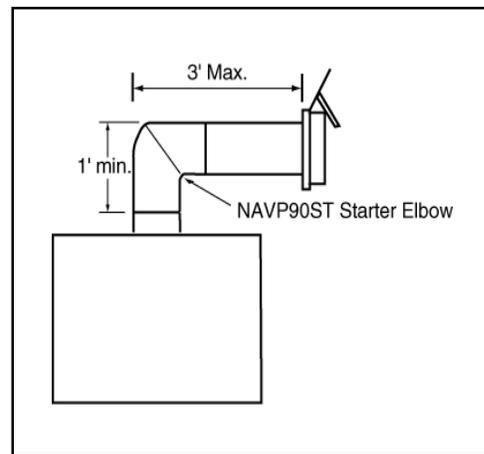


Figure 6
Vent Lengths with One Elbow
(minimum vertical)

WARNING - RISK OF FIRE!

This appliance may only use the direct vent chimney system designed for use with the appliance and must not be connected to a chimney flue servicing a separate solid fuel or gas fuel burning appliance.

WARNING - RISK OF FIRE!

If you have chosen horizontal termination, be sure there are no future obstructions from trees, bushes, snow drifts, etc.

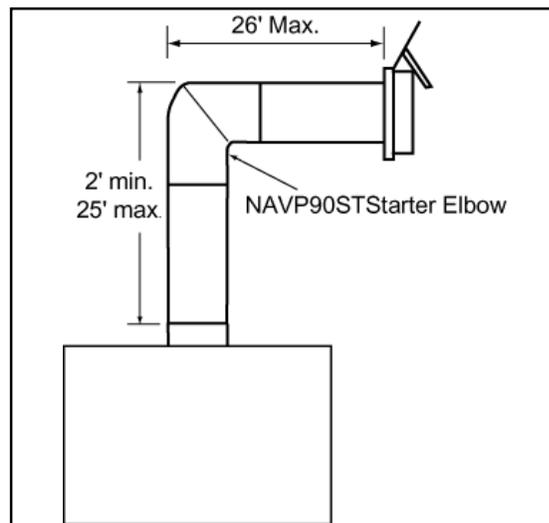


Figure 7
Vent Lengths with One Elbow
(2' vertical or more, 25' maximum)

The first name in fireplaces

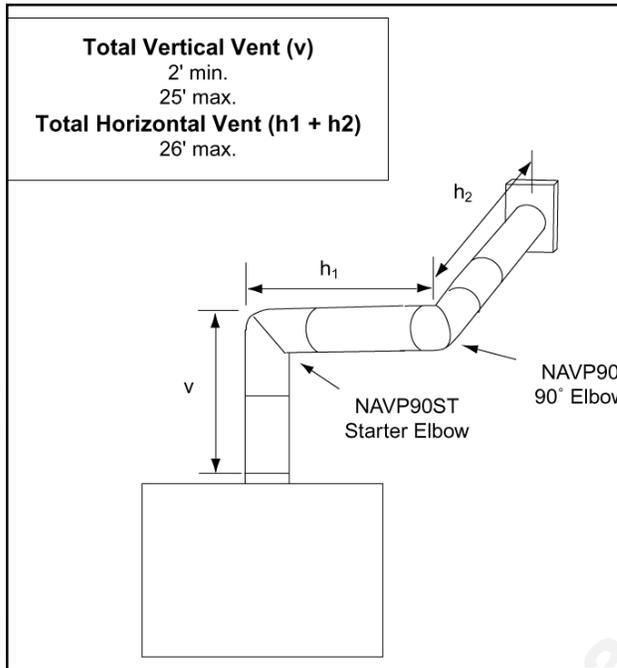


Figure 8
Vent Lengths with Two Elbows

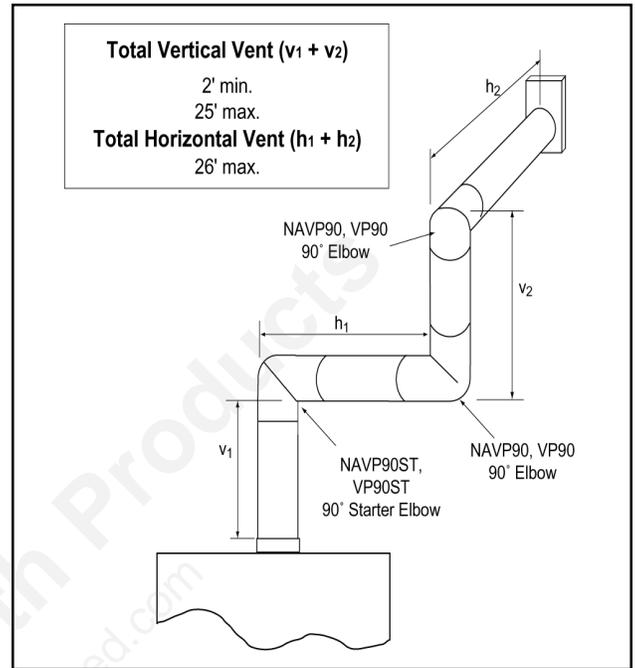


Figure 9
Vent Lengths with Three Elbows

Note: Horizontal runs will require the use of one vent support (or plumbers tape) for every 3' of vent.

WARNING - RISK OF FIRE!

Always maintain minimum air space clearances or greater around the chimney system. See Figure 5. Do not pack air spaces with insulation or other material.

WARNING!

The horizontal run of vent must have a ¼" rise for every 1 ft. of run towards the termination. Never allow the vent to run downward. This could cause high temperatures and may present a fire hazard.

WARNING!

The first 90° elbow on a top direct vent appliance **MUST** be a NAVP90ST; this starter elbow includes a deflector.

b. Assembling Vent Sections

Use only pipe supplied and listed for use with this appliance. See page 4 for a description of listed components. See Section 3 on page 13 for instructions on assembling the vent sections.

NANOV TOP DV GAS APPLIANCE INSTALLATION INSTRUCTIONS

c. Installing the Interior Wall Shield (WS6)

Frame a hole in a combustible wall for an interior wall shield, as shown in Figure 10, whenever a wall is penetrated. This shield maintains minimum clearances and prevents cold air infiltration.

Secure the wall shield to the framing as shown in Figures 11 and 12.

The termination cap height must meet all local and national codes and not be easily blocked or obstructed.

If the material being penetrated is of noncombustible materials, a 9" diameter hole is acceptable.

Note: Exterior wall thickness must be a minimum of 4" to a maximum of 23½".

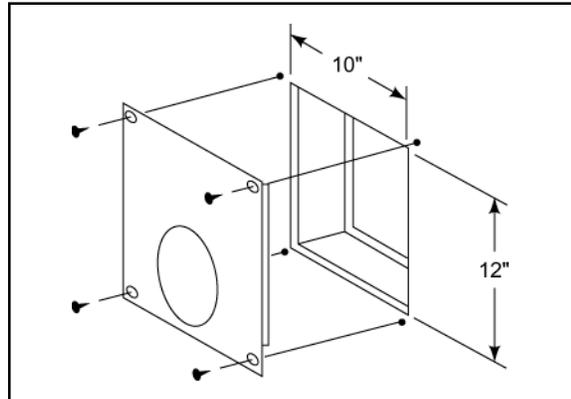
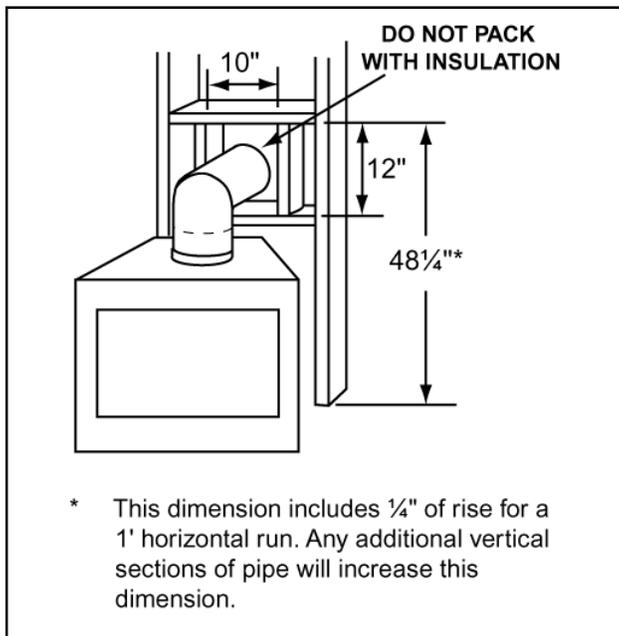


Figure 11
Interior Wall Shield



* This dimension includes ¼" of rise for a 1' horizontal run. Any additional vertical sections of pipe will increase this dimension.

Figure 10
Exterior Wall Hole

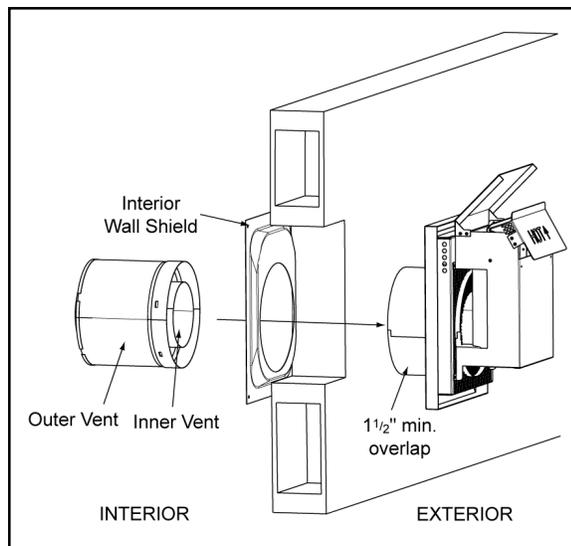


Figure 12
Venting Through the Wall

WARNING - RISK OF FIRE!

Always maintain minimum air space clearances or greater around the chimney system. The flow of combustion and ventilation air must not be obstructed.

CAUTION:

A vinyl soffit shield (VSS2) should be installed if a cap is within 30" of a vinyl soffit.

d. Termination

Vent termination must not be recessed in the wall or siding. Siding may be brought to the edge of the cap base. Install the cap as shown in Figure 12. Cap pipe sections should overlap the vent pipe by 1½ inches. Caulk outside edges of cap.

Local codes may require the installation of a shield (CS) which prevents the cap from accidentally touching anything or anyone.

Figure 13 illustrates cap locations prescribed by current **ANSI Z273.1** and **CAN/CGA-B149 Installation Codes**.

The first name in fireplaces

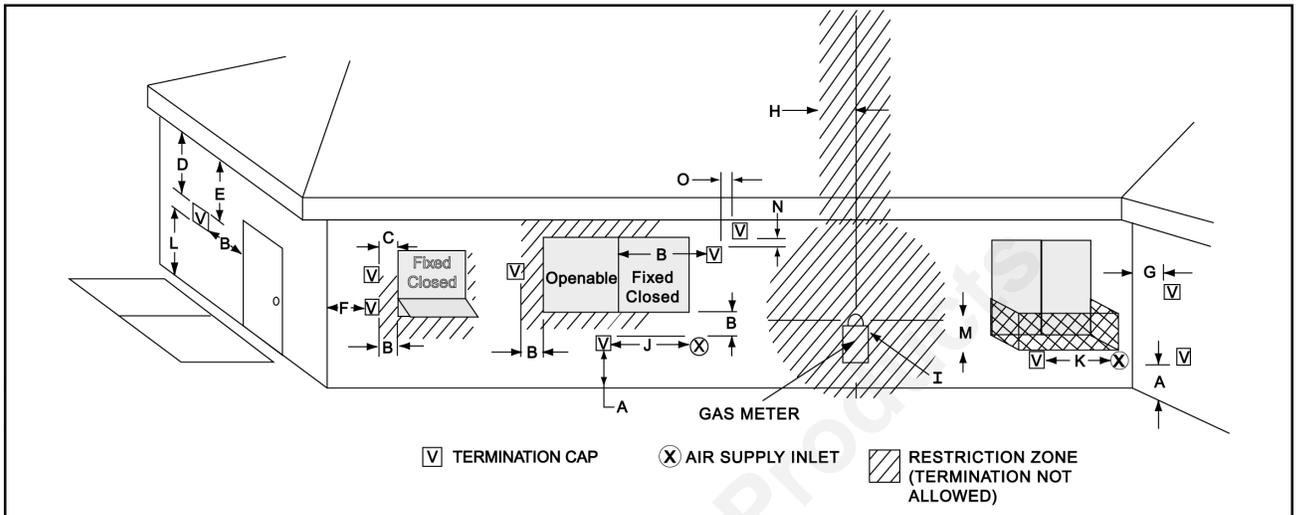


Figure 13 - Termination Cap Locations

DIMENSION DESCRIPTIONS

- A** Clearance above the ground, a veranda, porch, deck or balcony - 12 inches (30 cm) minimum. *
- B** Clearance to window or door that may be opened – 10,000 BTUs or less, 6 inches (15 cm) minimum; 10,000-50,000 BTUs, 9 inches (23 cm) minimum; over 50,000 BTUs, 12 inches (30 cm) minimum. *
- C** Clearance to permanently closed window – 12 inches (30 cm) minimum - recommended to prevent condensation on window.
- D** Vertical clearance to ventilated soffit located above the termination within a horizontal distance of 2 feet (60 cm) from the centerline of the termination – 18 inches (46 cm) minimum. **
- E** Vertical clearance to unventilated soffit - 12 inches (30 cm) minimum. **
- F** Clearance to outside corner - 6 inches (15 cm) minimum.
- G** Clearance to inside corner - 6 inches (15 cm) minimum.
- H** Not to be installed above a meter/regulator assembly within 3 feet (90 cm) horizontally* from the center line of the regulator
- I** Clearance to service regulator vent outlet - 6 feet (1.8m) minimum. *
- J** Clearance to non-mechanical air supply inlet into building or the combustion air inlet to any other appliance - 12 inches (30 cm) minimum. *
- K** Clearance to mechanical air supply inlet - 6 feet (1.8 m) minimum. *
- L** Clearance above a paved sidewalk or paved driveway located on public property - 7 feet (2.1 m) minimum.
A vent may not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings.
- M** Clearance under veranda, porch, deck or balcony - 12 inches (30 cm) minimum. * Recommended 30 inches (76 cm) for vinyl or plastic.
Only permitted if veranda, porch, deck or balcony is fully open on a minimum of 2 sides beneath the floor. *
- N** Vertical clearance between two horizontal termination caps – 12 inches (30 cm) minimum.

- O** Horizontal clearance between two horizontal termination caps – 12 inches (30 cm) minimum.

* As specified in **CGA B149 Installation Codes**

Note: Local codes or regulations may require different clearances.

** Clearance required to vinyl soffit material – 30 inches (76 cm) minimum. With a vinyl soffit shield – 18 inches (46 cm) minimum.

WARNING!

In the U.S.: Vent system termination is NOT permitted in screened porches. You must follow side wall, overhang and ground clearances as stated in the instructions.

In Canada: Vent system termination is NOT permitted in screened porches. Vent system termination is permitted in porch areas with two or more sides open. You must follow all side wall, overhang and ground clearances as stated in the instructions.

Hearth & Home Technologies assumes no responsibility for the improper performance of the appliance when the venting system does not meet these requirements.

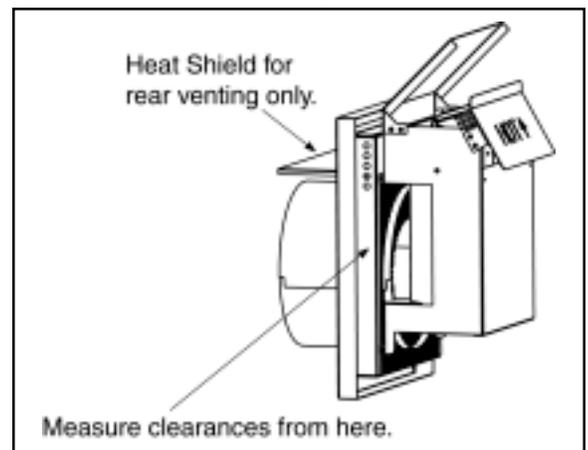


Figure 14 - Cap Clearances

2. VERTICAL TERMINATION

a. Clearances

See Figure 15 for clearance information.

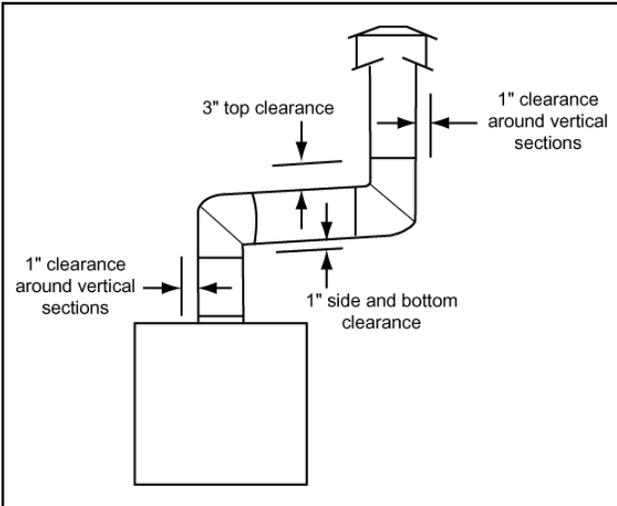


Figure 15
Vertical Termination Clearances

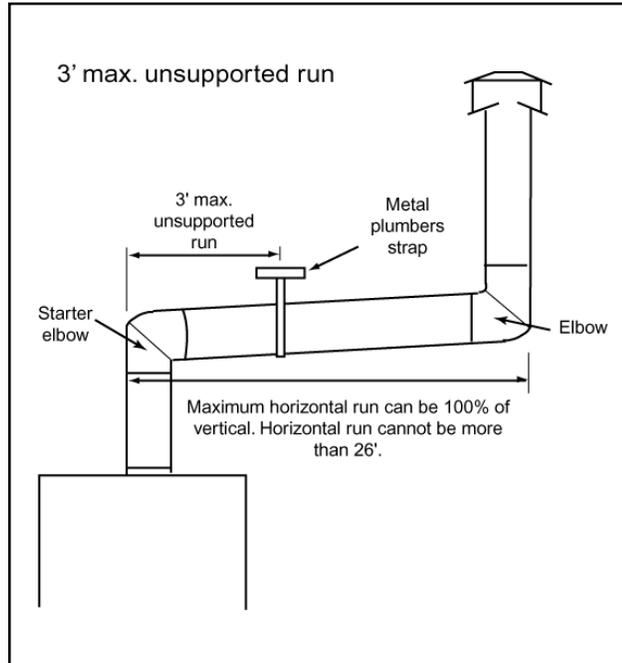


Figure 17
Vertical Termination Vent Lengths

b. Vent Lengths

Various venting configurations are shown in Figures 16 and 17 from which maximum vent runs can be determined.

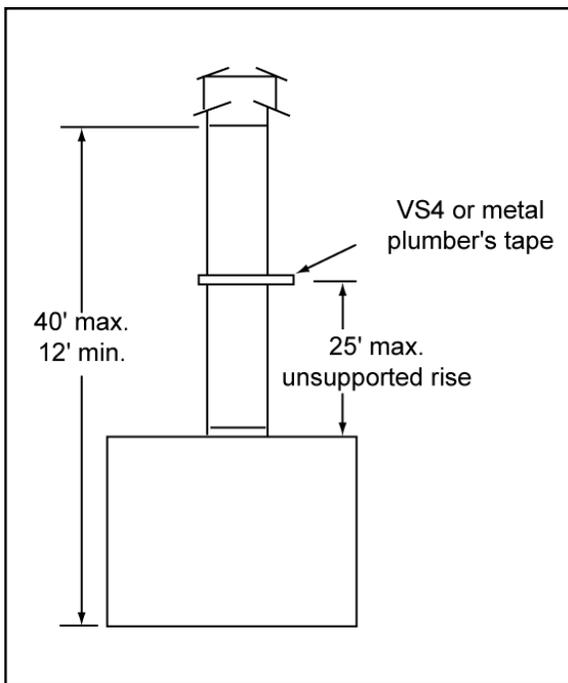


Figure 16
Vertical Termination Vent lengths

WARNING - RISK OF FIRE!
Always maintain minimum air space clearances or greater around the chimney system. Do not pack air space with insulation or other material.

WARNING!
The horizontal run of vent must have a 1/4" rise for every 1 ft. of run towards the termination. Never allow the vent to run downward. This could cause high temperatures and may present a fire hazard.

c. Assembling Vent Sections

Use only pipe supplied and listed for use with this appliance. See page 4 for a description of listed components. See Section 3 on page 13 for instructions on assembling vent sections.

The first name in fireplaces

The first name in fireplaces

d. Firestop Spacer/Chimney Installation

Frame an opening and install a firestop spacer (NAFS6) whenever the vent penetrates a ceiling/floor area, as shown in Figure 18. Frame the opening with the same sized lumber as used in the ceiling/floor joists. Unless the flue is offset, the hole should be directly above the appliance. **DO NOT** pack insulation around the chimney.

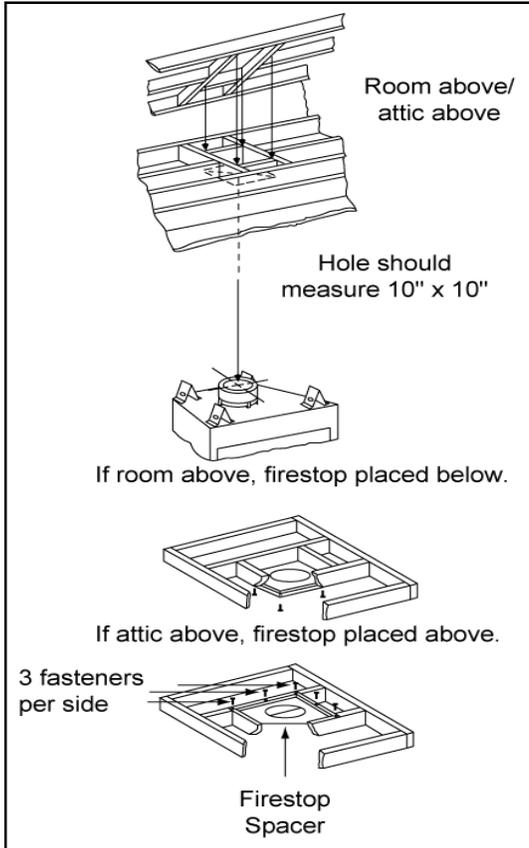


Figure 18 - Installing the Firestop Spacer

e. Chase/Termination Installation

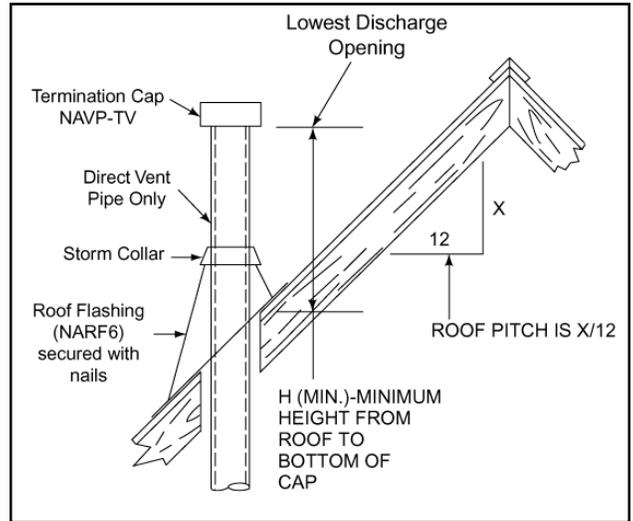
Figures 19 and 20, and Table 1 specify minimum chimney heights for various pitched roofs.

These chimney heights are necessary for safety and do not ensure draft-free operation. Trees, buildings, adjoining roof lines, adverse conditions, etc. may create a need for a taller chimney should down drafting occur.

f. Installing the Vertical Termination Cap

To install the NAVP-TV, slide the inner collar of the cap over the inner vent and place the outer collar of the cap over the outer vent. Secure with three screws into the outer vent.

Note: To ensure proper operation, verify all venting and the termination are unobstructed.



**Figure 19
Chimney Height for Vertical Termination**

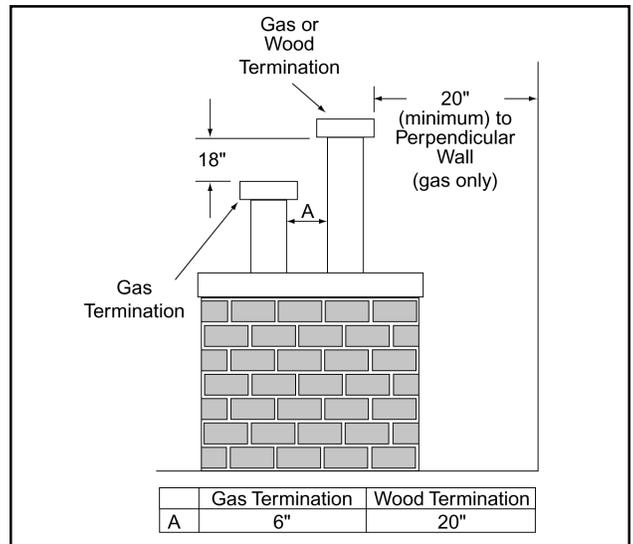


Figure 20 - Multiple Vertical Termination

ROOF PITCH	H (MIN.) FT.
Flat to 6/12	1.0
6/12 to 7/12	1.25
Over 7/12 to 8/12	1.5
Over 8/12 to 9/12	2.0
Over 9/12 to 10/12	2.5
Over 10/12 to 11/12	3.25
Over 11/12 to 12/12	4.0
Over 12/12 to 14/12	5.0
Over 14/12 to 16/12	6.0
Over 16/12 to 18/12	7.0
Over 18/12 to 20/12	7.5
Over 20/12 to 21/12	8.0

Table 1 - Chimney Height

3. ASSEMBLING THE VENT SECTIONS

a. Attaching the Venting to the Appliance

To attach the first vent pipe section to the appliance collars, simply slide the flared end of the inner flue of the vent section over the inner collar on the appliance. At the same time, insert the outer flue into the outer collar on the appliance. Push the vent section into the appliance collar until all the lances have snapped into place. Tug slightly on the vent to confirm it has completely locked in place.

b. Assembling Vent Sections

- 1) Start the flared inner flue of section "A" over the inner flue of section "B".
- 2) Insert the outer flue of section "A" into the outer flue of section "B". See Figure 21.

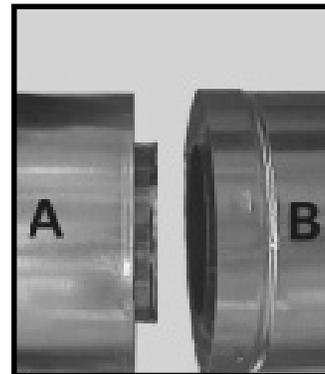


Figure 21

Note: Squeezing the pipe slightly to fit may be necessary.

Once both inner and outer flues are started, press section "A" into section "B" firmly until all lances have snapped into place. Tug slightly on section "A" to confirm it has completely locked into place. See Figure 22.

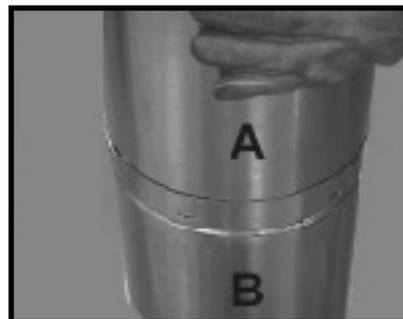


Figure 22

Note: Make sure that the seams are NOT aligned in order to prevent unintentional disconnection.

c. Assembling Minimum Installation (MI) Sections (not required for all installations)

MI sections are non-unitized so that they can be cut to a certain length. To use these sections, they must be cut to length from the non-expanded end. See Figure 23. They can then be attached by first connecting the expanded end of the MI inner flue with the inner flue from the adjacent vent section and securing with three screws. The expanded portion of the MI inner flue must overlap completely with the untreated end of the adjacent vent section. The outer flue can then be inserted into the adjacent outer flue expanded end and attached to the next vent section with three screws. The other end of the MI vent section can then be attached by fitting a snap lock section to it and snapping it together as normal.

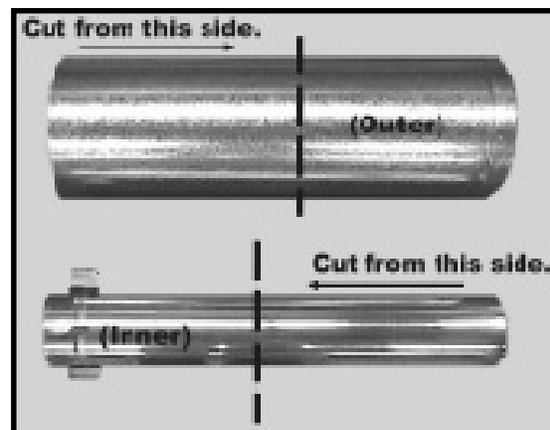


Figure 23

The first name in fireplaces

d. Assembling the Slip Sections

Slip sections should be snapped into the first mating piece, then expanded to their desired length, making sure that a 1.5" overlap is maintained between the two sections of the slip section. The sections need to be secured by driving two screws through the overlapping portions of the vent. See Figure 24. This will secure the slip section to the desired length and prevent it from separating. The slip section can then be attached to the next section of vent.

e. Disassembling Vent Sections (only if necessary)

To disassemble any two pieces of pipe, rotate either section so that the seams on both pipe sections are aligned as shown in Figure 25. They can then be carefully pulled apart.

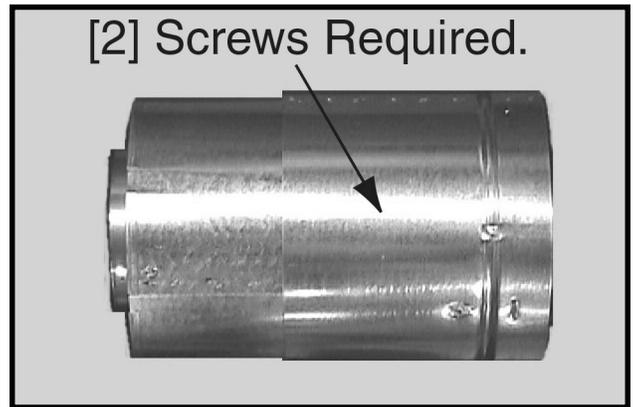


Figure 24

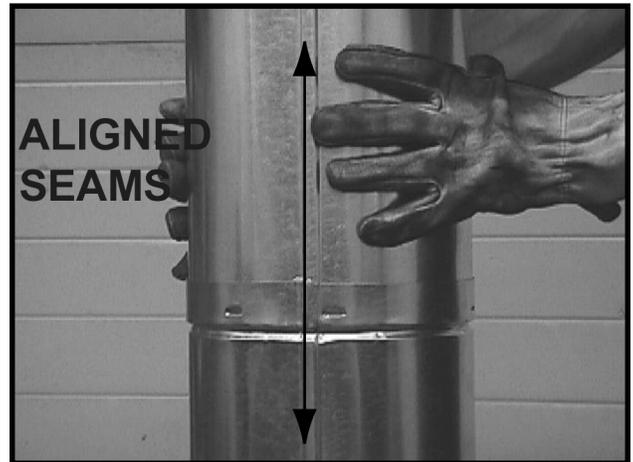


Figure 25

F. UTILITIES

1. HIGH ALTITUDE INSTALLATION

For U.S. installation, appliances are tested and approved for elevations from 0-2000 feet. When installing this appliance at an elevation above 2000 feet, National Fuel Gas Codes require a decrease of the input rating by changing the existing burner orifice to a smaller size. Input should be reduced 4% for each 1000 feet above sea level. Check with the local gas utility for proper orifice size identification. Orifices are available from your Heatilator distributor.

For Canada, appliances are certified for elevations from 0-4500 feet. When installing this appliance at an elevation between 0-4500 feet in Canada, the input rating does not need to be reduced. When installing this appliance at an elevation above 4500 feet in Canada, check with local authorities.

2. GAS LINE CONNECTION

The appliance is provided with a stainless steel flexible connector and manual shutoff valve. See Figure 26. The incoming gas line should be piped into the valve compartment and connected to the 1/2" FIP connection provided on the manual shutoff valve. All connections must be tightened and checked for leaks with a soap and water solution or leak detector. Bleed the gas line to extract any air that may have been trapped inside the pipe. See Figure 27 to connect the gas line. Gas connections may also be made by taking out the knockout in the bottom pan to allow connection through the bottom of the appliance.

NANOV TOP DV GAS APPLIANCE INSTALLATION INSTRUCTIONS



Figure 26
Flexible Connector and Manual Shutoff Valve

Note: The appliance and its manual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5 kPa). The appliance must be isolated from the gas supply piping system by closing its manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

WARNING!
This valve has been preset at the factory. Altering settings may result in fire hazard or bodily injury.

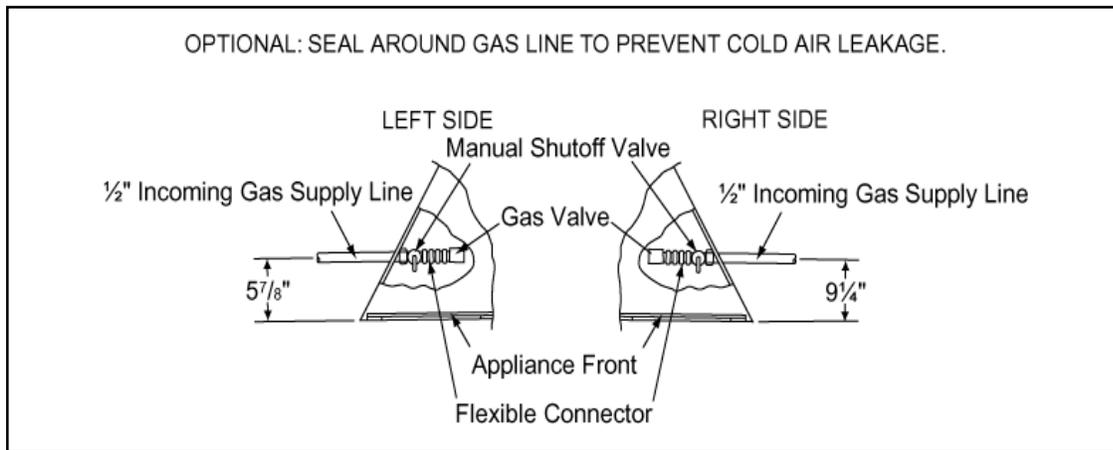


Figure 27
Gas Line

3. GAS PRESSURE

A pressure tap is included on the front face of the standing pilot gas control valve.

Table 2 shows optimum gas pressure information.

Consult your local gas company for assistance in determining the proper orifice for your altitude or refer to **ANSI Z223.1-latest edition, Appendix F**.

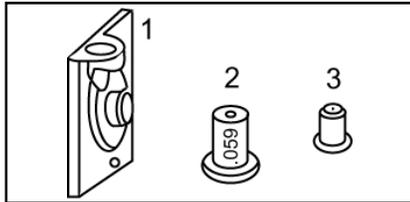
NANOV	
Inlet gas supply pressure (natural gas)	4.5 (min.) - 7.0 (max.)*
Optimum manifold pressure (natural gas)	3.5*
Inlet gas supply pressure (LP gas)	11.0 (min.) - 14.0 (max.)*
Optimum manifold pressure (LP gas)	10*
Input rate (natural gas) 36"	27,000 BTU/hr.
Input rate (propane gas) 36"	25,000 BTU/hr.
Natural Gas Orifice size	.101 in./2.56 mm.
Propane Gas Orifice size	.059 in./1.50 mm.

Table 2
Gas Information for Standing Pilot Appliances
* measurement in inches/water column

The first name in fireplaces

4. CONVERSION TO PROPANE GAS (IF APPLICABLE)

This appliance is equipped for natural gas. In the event your appliance must be converted to propane, a conversion kit is supplied to allow that to be done. The conversion should only be done by a qualified technician using these Hearth & Home Technologies specified and approved parts. See Figure 28.



- 1 - Valve Regulator (10.5" w.c.)
- 2 - Brass Burner Orifice (.059")
- 3 - Pilot Orifice (.010")
- 4 - Conversion Label

Figure 28
Conversion Kit

In the United States:

WARNING!

This conversion kit is to be installed by a qualified service technician in accordance with the manufacturer's installation instructions and all codes and requirements of the authority having jurisdiction. Failure to follow the instructions could result in a fire, explosion, or production of carbon monoxide causing property damage, serious injury, or loss of life. The qualified agency performing this work assumes responsibility for proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the owner instructions supplied with the kit.

In Canada:

"The conversion shall be carried out in accordance with the requirements of the provincial authorities having jurisdiction and in accordance with the requirements of the CAN1-B149.1 and .2 installation code."

CONVERSION STEPS:

Step 1

Open the control access panel so you can observe the control area of the gas appliance. See Figure 29.

Step 2

Turn off the gas and electrical power.

- a. To turn off the gas and locate the manual shutoff valve in the control area in the bottom of the appliance, turn the manual shutoff valve so it is perpendicular to the gas line. See Figure 30.
- b. If electricity has been brought to the appliance for a fan or remote control, shut off all power by turning off the appropriate circuit breaker or removing the fuse in the electrical panel.

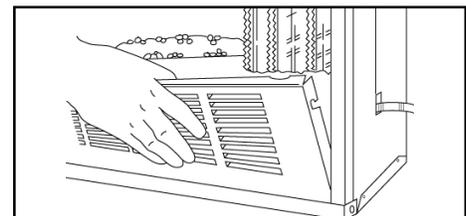


Figure 29
Removing Control Access Panel

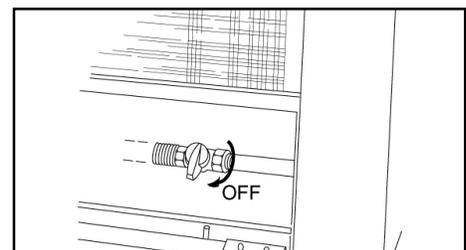


Figure 30
Manual Shutoff Valve

The first name in fireplaces

Step 3

- a. Using the regulator replacement kit, follow the instructions (Steps 1-3) that come with the kit. After completion of Step 3 from the kit's instructions, return to these instructions.
- b. Remove the tamper-proof cover screw from the natural gas regulator (using snap ring pliers) and install the cover screw onto the propane gas regulator.

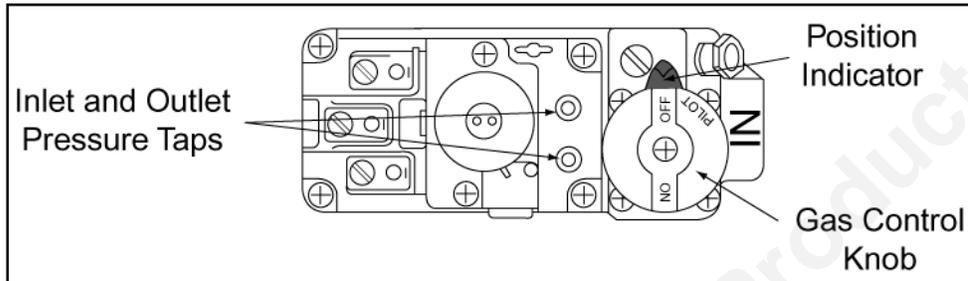


Figure 31
Robertshaw Standing Pilot Valve in the "OFF" Position

Step 4

a. Removing Logs

Follow the instructions for removing the glass, screen and logs on page 27.

b. Removing the Burner

Using a phillips screwdriver, remove the screws from each corner of the burner. Carefully pull the burner to the left, off of the burner orifice underneath. Set the burner aside.

Step 5

a. Pilot Orifice

Loosen and remove the screws that hold the pilot bracket to the pilot assembly (four screws in all). Remove the pilot bracket. Using a 1/2" wrench, loosen and separate the pilot nut from the pilot assembly. See Figure 32. The aluminum pilot may have to be bent slightly to separate the parts. Replace the natural gas pilot tube orifice (which will either have come out with the pilot nut or will be in the pilot assembly and have to be pulled out) with the LP pilot orifice supplied with the conversion kit. With the new orifice in place, tighten the pilot nut to the pilot assembly and reattach the pilot bracket to the pilot assembly and to the seal plate.

Note: Test fittings for leaks with the pilot lit and the burner off as indicated in Step 6.

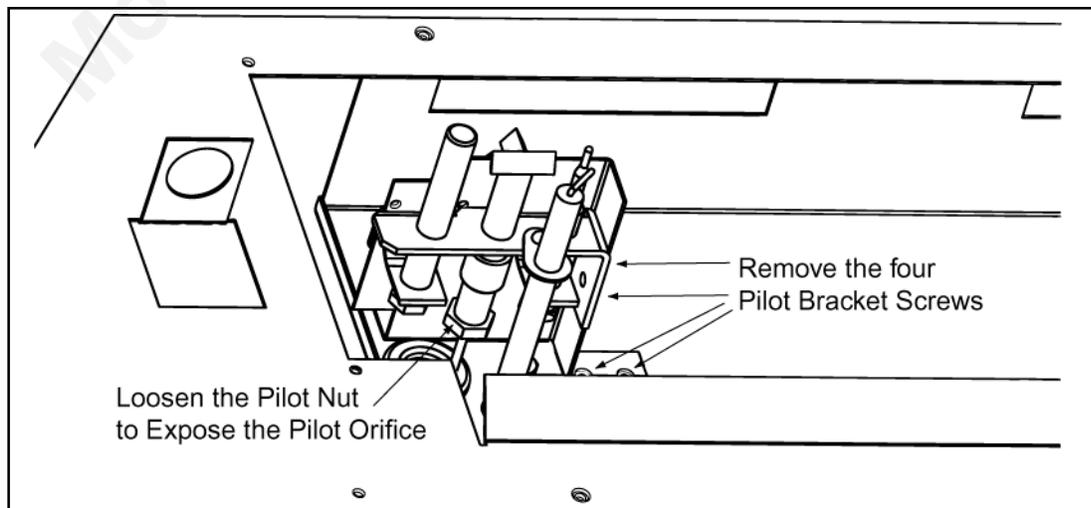


Figure 32

The first name in fireplaces

b. Burner Orifice

Completely loosen the nut securing the orifice with a 5/8" wrench (refer to Figure 33). Remove the orifice and replace it with the propane orifice. Tighten the nut.

- c.** To adjust the air shutter at the base of the burner tube/neck, loosen the 1/4" screw using either a 1/4" nut driver or "stubby" screwdriver. Slide the shutter fully open and secure. See Figure 33.

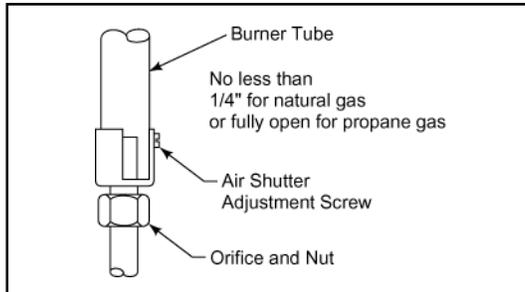


Figure 33 - Burner Orifice

- d.** Return the burner to its position on the orifice and secure it with four screws, one at each corner. Test for leaks between the valve and burner with the burner lit as indicated in Step 6.

Step 6 - Leak Test

- a. This is important!** Propane (LP) gas is heavy. If there is an incomplete gas line connection the gas could leak and settle to the lowest point and then accumulate. Such a situation could be hazardous. Do not proceed until all connections are checked and any leaks eliminated!
- b.** Turn on the gas.
- c.** Test all gas connections for possible leaks by using a soap/water solution or Sniffer (turn on and calibrate the Sniffer, then place the sensor end of the sniffer within 1/2" of each connection). If the soap/water solution or Sniffer indicates there is a leak, tighten and seal the connection and then retest.
- d.** Turn the position indicator to the "PILOT" position and depress. Press the push button ignitor and light the safety pilot. Continue holding the position indicator in the depressed position until the pilot stays lit (approximately 45 seconds). Test for leaks at the pilot assembly using one of the methods in Step 6c.
- e.** Turn the position indicator to the "ON" position and test for leaks at the valve and the burner orifice using one of the methods in Step 6c.

Step 7 - Checking the Pressure

- a.** The gas input, inlet gas supply pressure and manifold pressure must be as indicated on the rating label located in the control area of the appliance. **Any other input, inlet pressure or manifold pressure could cause your gas appliance to operate other than intended and could cause serious injury or property damage.**
- b. Inlet Pressure**

Verify that the gas valve is set at the "PILOT" position. Verify the inlet gas supply pressure by loosening the screw located inside the inlet pressure tap. See Figure 34. Connect a Manometer to the inlet pressure tap by pushing the Manometer hose over the pressure tap. Turn the valve to the "ON" position and turn the burner on (with wall switch, remote, etc.). If the inlet gas pressure is incorrect, do not adjust without specific approval and instruction from the gas supplier. Changing the inlet pressure may affect other appliances in the residence. When finished, return the valve to the "PILOT" position, disconnect the Manometer and tighten the inlet pressure tap screw.

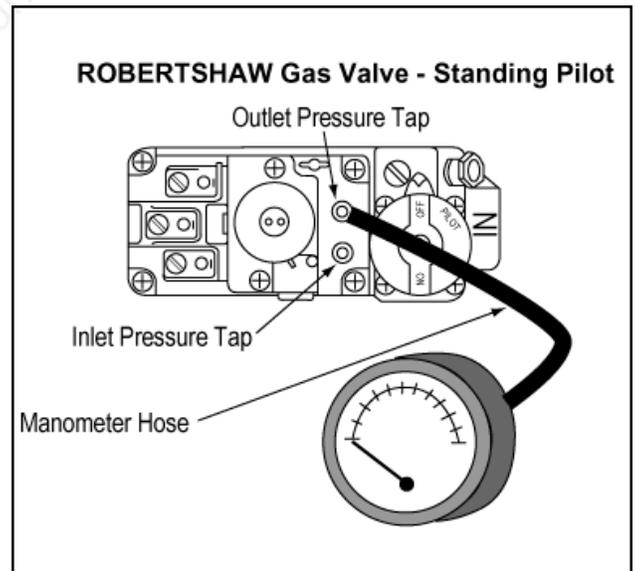


Figure 34 - Valve Pressure Test

c. Outlet Pressure

Verify that the gas valve is set at the "PILOT" position. Verify the manifold pressure by loosening the screw located inside the outlet pressure tap. See Figure 34. Connect a Manometer to the outlet pressure tap by pushing the Manometer hose over the pressure tap. Turn the valve to the "ON" position, ignite the appliance, and ensure that the pressure is between 3" and 4" water column (optimum pressure is 3.5" WC) for natural gas and

between 10" and 11" water column (optimum pressure is 10.5" WC) for propane. If the outlet gas pressure is incorrect, contact the gas supplier or Heatilator Technical Services. When finished, turn the valve back to the "PILOT" position, turn off the burner, disconnect the Manometer and tighten the outlet pressure tap screw.

WARNING!

Do not leave the pressure too low or too high. This will create a safety hazard!

CKP THIS PLATE MUST BE AFFIXED AS CLOSE AS POSSIBLE TO THE EXISTING RATING PLATE.

THE FOLLOWING MUST BE COMPLETED BY THE INDIVIDUAL CONVERTING THIS APPLIANCE FROM NATURAL GAS TO PROPANE GAS.

This appliance has been converted on (date) MO-DAY-YEAR to propane gas with Kit * CKP by (name and address of organization making this conversion) JOHN SMITH DISTRIBUTING, 1234 ANYWHERE RD., ANYWHERE, STATE/PROVINCE.

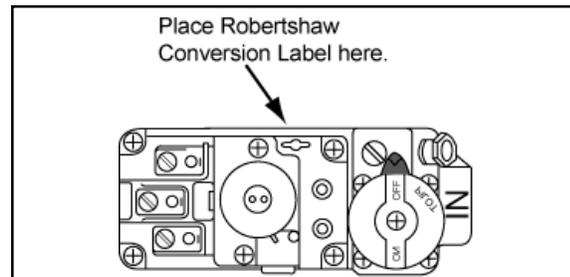
who accepts the responsibility for the correctness of this conversion.

22330A

Figure 35 - Conversion Label

THIS CONTROL
HAS BEEN CON-
VERTED
TO LP

Figure 36 - Robertshaw Conversion Label



**Figure 37
Robertshaw Conversion Label Placement**

Step 8 - Resetting the Appliance

- a. Replace the logs as shown on page 27.
- b. Replace the glass and screen as shown on page 27.

Step 9 - Attaching the Labels

- a. The installer conversion label and valve manufacturer labels must be completed and installed by the individual completing the conversion. **This must be finished or the conversion is not complete.** See Figures 35-37.
- b. To fill out the installer conversion label, follow the example in Figure 35. After filling out the label, clean an area near the existing rating label and attach.

Attach the valve manufacturer conversion labels as indicated in Figure 37.

5. WIRING

a. Wall Switch Wiring

The installer shall supply a UL-listed or in Canada, a CSA-listed wall switch. This appliance was tested with eighteen feet of UL listed 18 ga. Type CL2 105°C, two conductor "thermostat wire." If other wiring materials are used they shall comply with local codes. In the absence of local codes, they shall comply with the **National Electrical Code ANSI/NFPA 70-latest edition or Canadian Electrical Code CSA C22.1.**

b. Standing Pilot Ignition

A wiring diagram is shown in Figure 38. You must wire for the fan kit supplied with this appliance at installation to avoid reconstruction.

Note: This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with **National electric Code ANSI/NFPA 70-latest edition** or the **Canadian Electric Code CSA C22.1.**

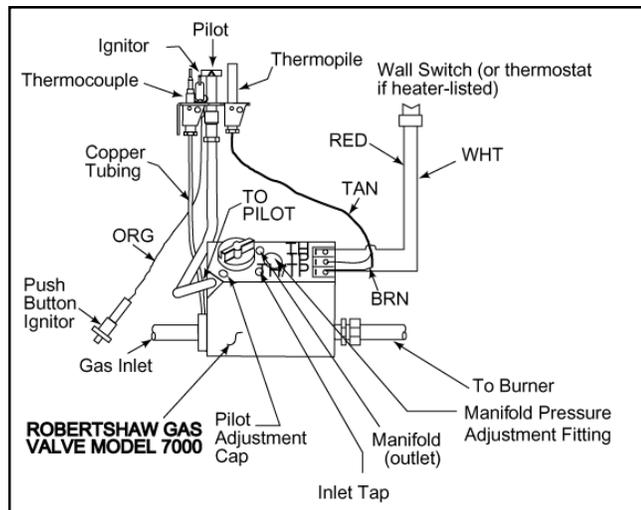


Figure 38 - Standing Pilot Ignition Wiring Diagram

The first name in fireplaces

c. Junction Box Wiring

We recommend you operate the two outlets on separate circuits. This allows independent operation of the appliance and fan. Independent operation is obtained by using minimum 14-3 with ground Romex and separating the two outlets by breaking out the tab as shown in Figure 39

6. JUNCTION BOX INSTALLATION INSTRUCTIONS

- a. Remove the junction box assembly from the valve compartment.
- b. If the box is being wired from the OUTSIDE of the appliance:
 - 1) Loosen two screws on the Romex connector, feed the necessary length of wire through the connector and tighten the screws.
 - 2) Make all necessary wire connections to the receptacle and assemble the receptacle and cover to the junction box.
 - 3) Attach the junction box assembly to the outside of the appliance with the two screws provided.
- c. If the box is being wired from the INSIDE of the appliance:
 - 1) Pull the electrical wires from outside the appliance through this opening into the valve compartment.
 - 2) Loosen the two screws on the Romex connector, feed the necessary length of wire through the connector and tighten the screws.
 - 3) Make all necessary wire connections to the receptacle and assemble the receptacle and cover to the junction box.
 - 4) Attach the junction box assembly to the inside of the appliance with the two screws provided.
- d. If the box is not to be wired at the time of appliance installation, assemble the receptacle and cover to the box and install on the inside of the appliance.

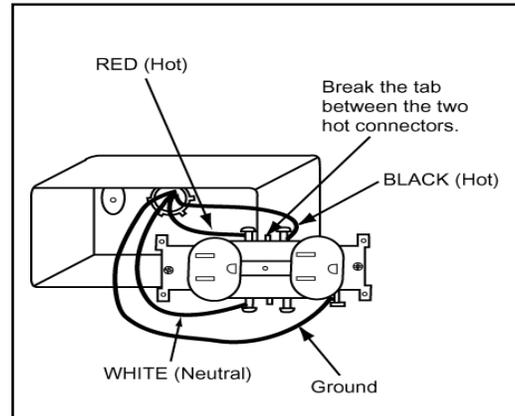


Figure 39 - Junction Box Detail

WARNING!
This appliance **DOES NOT** require a 110V AC supply for operation. Connecting the appliance/wall switch to a 110V AC supply will cause the appliance to malfunction and destroy the valve and thermopile.

G. FINISHING

1. COMBUSTIBLE FINISHING MATERIAL

Material made of or surfaced with wood, compressed paper, plant fibers, plastics, or any material capable of igniting and burning, whether flame proofed or not, plastered or unplastered (this includes drywall).

2. NONCOMBUSTIBLE FINISHING MATERIAL

Material which will not ignite and burn. Such materials are those consisting entirely of steel, iron, brick, tile, concrete, slate, glass or plasters, or combination thereof, or have a UL Fire rating of zero.

3. HIGH TEMPERATURE SEALANT MATERIAL

Sealants that will withstand high temperatures; General Electric RTV103 (Black), or equivalent. Rutland, Inc. Appliance Mortar #63, or equivalent.

A high temperature sealant, 1/8 inch wide bead minimum, must be used to close off gaps between the appliance and facing to prevent cold air leaks. See Figure 40.

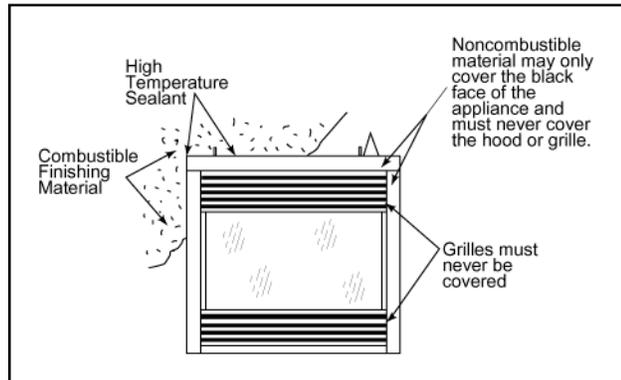


Figure 40
Finishing Materials

WARNING!
Grilles on this appliance cannot, in any way, be covered as it may create a fire hazard.

H. APPLIANCE PREPARATION

1. ATTACHING THE HOOD

The hood is to be located above the glass panel. **The hood must be attached or a fire hazard may result.** Locate the four screws just inside the upper section of the appliance. Position the hood and slide into position. Tighten the four screws. See Figure 41.

2. UPPER GRILLE PANEL REMOVAL

Grasp the upper grille panel and remove the rubber pins holding the grille. See Figure 42.

3. CONTROL ACCESS PANEL REMOVAL

Release the spring pin on the right hand side of the control access panel. See Figure 43.

4. GLASS AND SCREEN REMOVAL

See page 27 of this manual.



Figure 42 - Upper Grille Panel Removal



Figure 41 - Installing the Hood



Figure 43 - Control Access Panel Removal

The first name in fireplaces

5. APPLIANCE PREPARATION

a. Log Set

Remove two shipping bands from the log set (Figure 44) and reassemble. The log set should look similar to that in Figure 45.



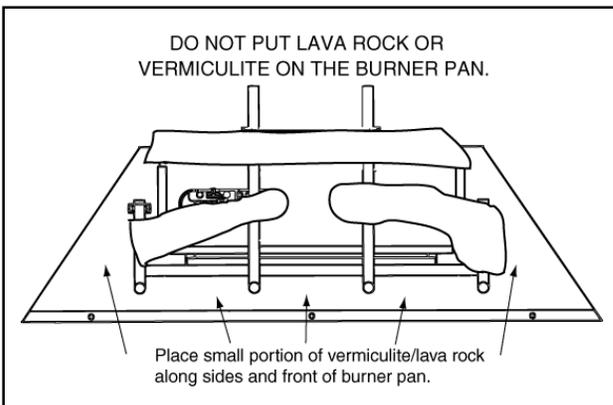
Figure 44 - Log Set Banded for Shipping



Figure 45 - Assembled Log Set

b. Placing the Lava Rock and Vermiculite

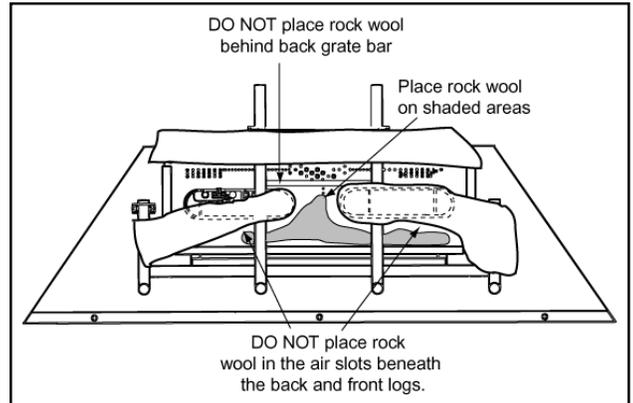
See Figure 46 for lava rock and vermiculite placement.



**Figure 46
Placing the Vermiculite and Lava Rock
(top logs removed for clarity)**

c. Placing the Rock Wool

Place a small amount of 1/2" diameter pieces (dime-size) of rock wool on the burner pan so that the rock wool touches but **does not cover** the holes in the burner pan. This will provide the "glowing embers" look. See Figure 47.



**Figure 47
Placing the Rock Wool
(top logs removed for clarity)**

6. GLASS AND SCREEN REPLACEMENT

See page 27 of this instruction manual.

WARNING! RISK OF CARBON MONOXIDE!

Do not hit or strike glass. Do not operate this appliance with the glass removed, broken, or not sealed.

7. CONTROL ACCESS PANEL REPLACEMENT

Replace the control access panel as shown in Figure 48.



Figure 48 - Replace Control Access Panel

I. LIGHTING INSTRUCTIONS

FOR YOUR SAFETY READ BEFORE OPERATING

WARNING!

If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. This gas appliance has a manual ignition device that lights the pilot. When lighting the pilot, follow these instructions exactly.
- B. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

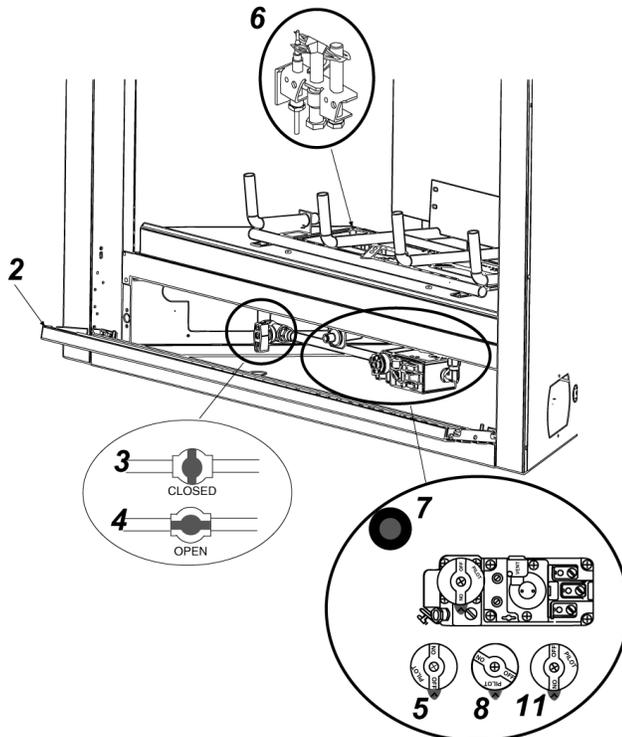
WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone. Follow the supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in or turn the gas control knob to light the pilot. Never use tools. If the knob will not push in or turn by hand, don't try to repair it - call a qualified service technician. Force or attempted repair may result in a fire or explosion.
 - D. Do not use the appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

LIGHTING INSTRUCTIONS

STOP! READ THE SAFETY INFORMATION ABOVE ON THIS LABEL!

1. Turn wall switch to the "OFF" position or set thermostat to lowest setting.
2. Open the control access panel.
3. Turn manual shutoff valve to "CLOSED". Wait 5 minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, **STOP!** Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
4. Turn manual shutoff valve to "OPEN".
5. Turn pilot knob clockwise to "OFF" (knob may have to be depressed to pass the "PILOT" position).
6. Locate pilot assembly inside the appliance.
7. Locate red ignitor button.
8. Turn pilot knob to "PILOT" and push in.
9. Continue to hold in pilot knob and push the red ignitor button 12-15 times until small blue pilot flame appears.
10. Continue to hold in pilot knob for approximately one minute. Pilot should remain lit. If pilot goes out, wait 5 minutes and repeat Steps 4-9.
11. To light the main burner, release and turn knob counterclockwise to "ON". Do **not** light by hand.
12. If the appliance will not operate, follow the instructions "To Turn Off Gas To Appliance" and call your service technician or gas supplier.



TO TURN OFF GAS TO APPLIANCE

1. Turn off the wall switch or set the thermostat to the lowest setting.
2. Open the control access panel.
3. Turn the manual shutoff valve to the "CLOSED" position. Do not force.
4. Close the control access panel.

The first name in fireplaces

J. SEASONAL CHECKLIST

WARNING!

Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition. Young children should be carefully supervised when they are in the same room as the appliance.

CAUTION:

Any safety screen or guard removed for servicing an appliance must be replaced prior to operating this appliance.

Clothing or other flammable material should not be placed on or near the appliance.

Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners and circulating air passage-ways of the appliance be kept clean.

Before operating this appliance, have a qualified technician:

1. Review proper placement of logs, rock wool and vermiculite.
2. Check the wiring.
3. Check the air shutter adjustment.
4. Ensure there are no gas leaks.
5. Ensure the glass is sealed and in the proper position.
6. Ensure the flow of combustion and ventilation air is not obstructed.

WARNING!

Keep the area near the appliance clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

1. STANDING PILOT OPERATION

Hearth & Home Technologies recommends you leave the pilot on year round.

Lighting the Appliance During Regular Use

Turn the wall switch to "ON".

Shutdown During Regular Use

Turn the wall switch to "OFF".

If you decide to shut down the appliance for a long period of time:

- a. Turn all wall switches to "OFF".
- b. Turn pilot knob on valve to "OFF".
- c. Turn the gas line to "CLOSED."
- d. To relight the appliance, see page 23.

2. FUEL

Do not burn wood or other material in this appliance.

This appliance is set for natural gas. Propane gas conversions necessary to meet the application need to be made by a qualified technician using Hearth & Home Technologies specified and approved parts.

In the event your appliance must be converted to use propane, you must use the conversion kit provided. See page 16 for instructions on how to convert your appliance.

WARNING!

Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

K. START-UP ISSUES

ISSUE	SOLUTIONS
1. Condensation on the glass.	1. This is a result of gas combustion and temperature variations. As the appliance warms, this condensation should disappear.
2. Blue flames.	2. This is a result of normal operation and the flames will begin to yellow as the appliance is allowed to burn.
3. Odor from appliance.	3. When first operated, this appliance may release an odor for the first several hours. This is caused by the curing of the paint and the burning off of any oils remaining from manufacturing.
4. Film on the glass.	4. This is a normal result of the curing process of the paint and logs. Glass should be cleaned within 4-6 hours of initial burning to remove deposits left by oils from the manufacturing process. A non-abrasive cleaner, such as Brasso may be necessary.

WARNING!

Never use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid or similar liquids in this appliance. Keep any flammable liquids a safe distance from the appliance.

The first name in fireplaces

L. MAINTENANCE INSTRUCTIONS

1. CLEANING THE BURNER AND CONTROL COMPARTMENT

Keep the burner and control compartment clean by brushing and vacuuming at least once a year. Failure to do this may shorten the fan's life (where applicable). Always turn off the wall switch (or remote control) and gas valve before cleaning.

2. CHECKING THE FLAME PATTERNS

The thermopile and thermocouple (standing pilot) tips should be covered with flame. See Figure 49. Inspect the flame of the burner periodically, making sure the flames are steady, not lifting or floating. The flame color should be blue with yellow tips.

If the vent configuration is installed incorrectly, the vent may cause the flames inside the appliance to lift or "ghost," which is a dangerous situation. Inspect the flames after installation to ensure proper performance. See Figure 50. If the vent configuration is correct, yet the flames are lifting or ghosting, shut off gas to the appliance and contact the dealer.

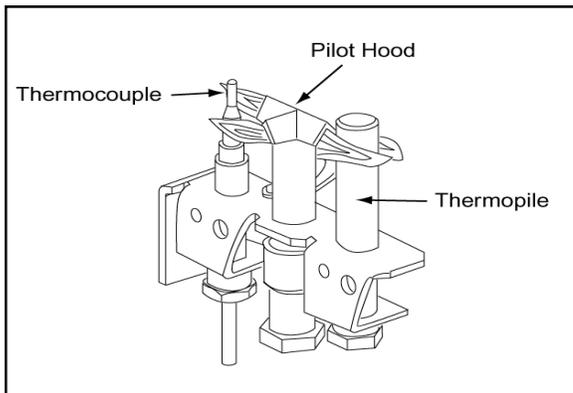


Figure 49
Standing Pilot

Note: The look of the flames and embers may differ based on the type of fuel and venting assembly that is used.

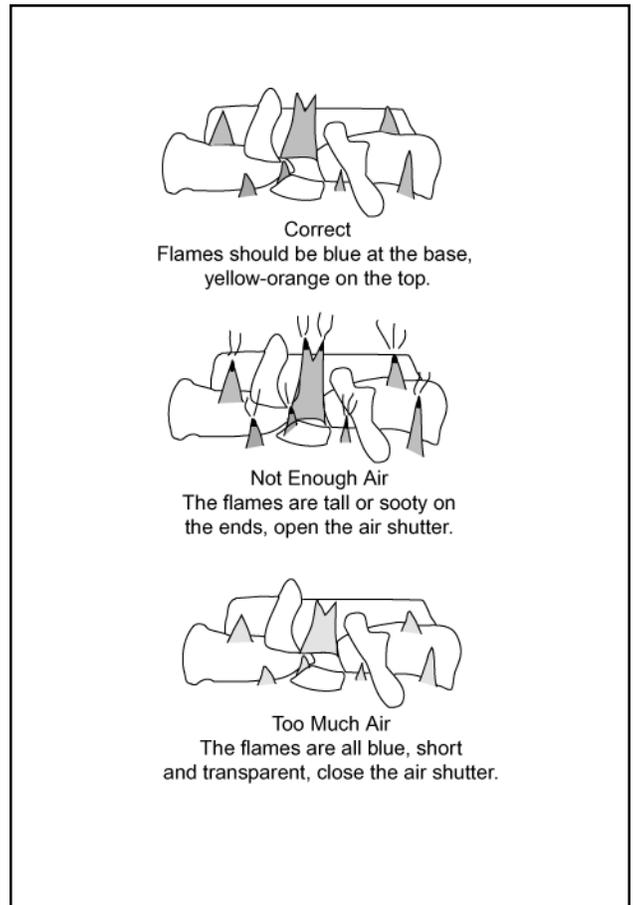


Figure 50
Flame Patterns

NANOV TOP DV GAS APPLIANCE INSTALLATION INSTRUCTIONS

3. VENTING SYSTEM INSPECTION

The appliance and venting system should be inspected before use, and at least annually by a qualified field service person to ensure that the flow of combustion and ventilation air is not obstructed.

4. CLEANING THE GLASS

See Figure 51.

Never operate this appliance without the glass properly secured in place or if the glass is broken or chipped.

In the event of glass breakage, carefully remove the glass frame. This will allow the removal of all glass fragments and sheet metal edge protection strips. Vacuum all remaining glass pieces with a shop vac. **DO NOT VACUUM IF PIECES ARE HOT.** Replace glass with only a Heatilator brand glass panel assembly ordered direct or through your local distributor. Never use substitute material. Only fully tempered soda lime safety glass or ceramic glass may be used on this appliance.

10 Close the control access panel.

9 Place the screen into the top screen retainers, lift and rotate towards the appliance. Place on the bottom retainers.

11 Replace the upper grille.

8 Reattach the four Quick Access Latches.

7 To replace, place the glass on the bottom retainers.

6 Set glass on a nonabrasive surface. Clean using a nonabrasive, mild cleaning solution such as Brasso.

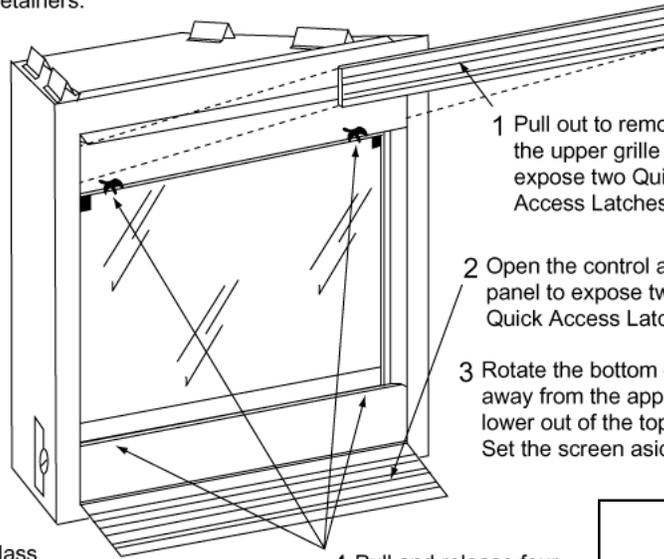
5 Pull top of glass away from the appliance.

4 Pull and release four Quick Access Latches.

1 Pull out to remove the upper grille and expose two Quick Access Latches.

2 Open the control access panel to expose two Quick Access Latches.

3 Rotate the bottom of the screen away from the appliance and lower out of the top retainers. Set the screen aside.



**Figure 51
Glass Cleaning**

Safety Note

Handle glass with care to avoid striking, scratching or slamming shut. **NEVER** clean glass when it is hot. Keep children and pets a safe distance away.

5. LOG REMOVAL/REPLACEMENT

If removal of the logs becomes necessary, remove the two screws at the front of the grate. Grasp the two outside upright grate bars. Pull the log/grate assembly toward the front and up, off the burner. See Figure 52.

To replace the logs, grasp the two outside upright grate bars. Push and lower the log set onto the burner pan, making sure the back of the left most grate bar slides through the grate mounting bracket attached to the hearth pan. Attach two screws at the front of the grate.



Figure 52 - Log Removal

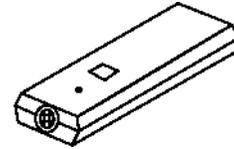
The first name in fireplaces

M. OPTIONAL COMPONENTS

The first name in fireplaces



NACABTRIM3
Brass Cabinet Trim
(required with cabinet use)



RC-SMART-HTL
Remote Control

RC-BATT-HTL
Battery-operated Remote
Control (Standing Pilot)

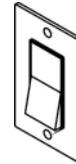
RCT-MLT-HTL
Multi-Function
Remote Control

SMART-STAT-HTL
Remote Control with
Thermostat Control

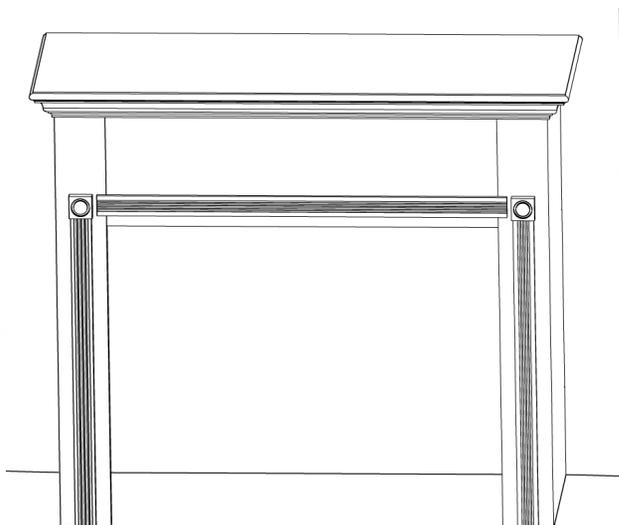
SMART-BATT-HTL
Battery-operated Remote
Control with Thermostat
Control



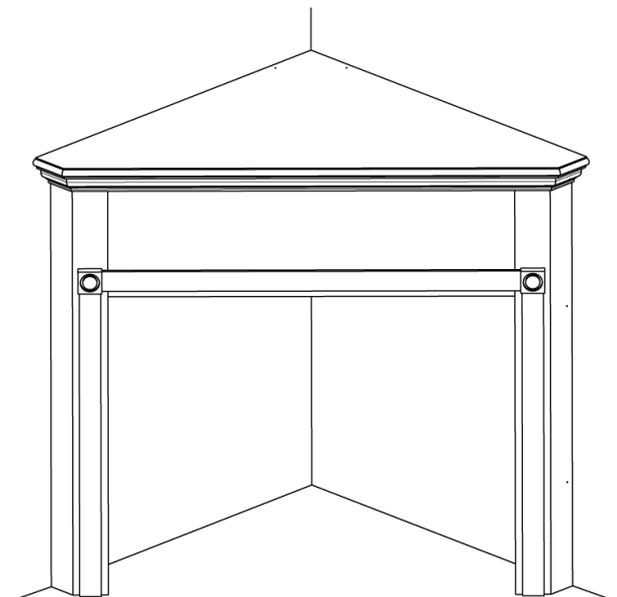
**NAQKE2B Quick Tile
Surround**



WSK-MLT-HTL
Multi-Function Wall Switch



NAHN36WF
Light Oak Wall Cabinet



NAHN36CF
Light Oak Corner Cabinet

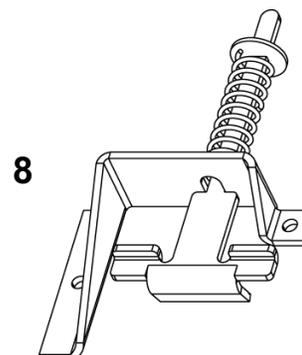
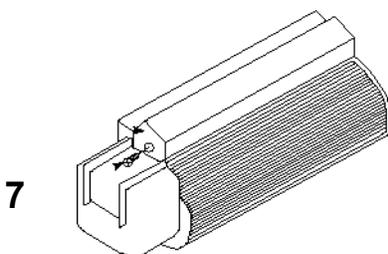
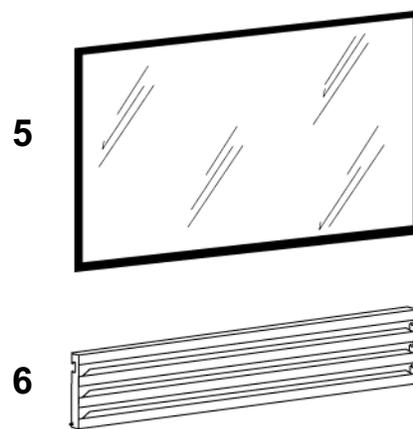
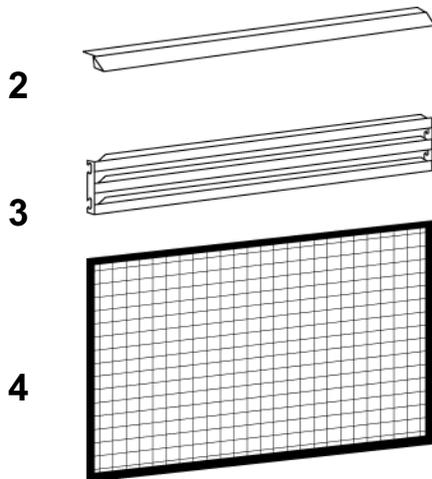
N. REPLACEMENT PARTS

Replacement parts are available from your distributor/dealer.



#1 - NANOV Series Gas Log Set

ITEM	PART #	DESCRIPTION	QTY.
1	34051	NANOV Series Log Set	1
2	21993	Hood - 36"	1
3	22123	Upper Grille - 36"	1
4	26804	Screen Assembly - 36"	1
5	22712	Glass w/Frame - 36"	1
6	21582	Lower Grille - 36"	1
7	FK4	Fan Kit	1
8	33858	Quick Access Latch	4



Visit our Website @ www.heatilator.com for a dealer/distributor near you!

The first name in fireplaces

HOMEOWNER'S NOTES

The first name in fireplaces

Mountain View Hearth Products
manuals.stove-parts-unlimited.com

Index

- A**
- Appliance Locations 5
 - Appliance Preparation 21
 - Lava Rock 22
 - Rock Wool 22
 - Vermiculite 22
- B**
- BTUs 15
 - Building Codes 3, 9
- C**
- Certification 3
 - Chase Installation 12
 - Chimney Height 12
 - Clearances 5
 - Codes 3
 - Building 3, 9
 - Electric 19
 - Gas 3, 15, 16
 - Manufactured Housing 3
 - Combustible Materials 6
 - Components 4
 - Conversion 16
- D**
- Disassembling Vent Sections 14
- E**
- Electric Codes 19
 - Exterior Wall Hole 9
- F**
- Finishing 21
 - High Temperature Sealants 21
 - Noncombustible Materials 21
 - Firestop Spacer Installation 12
 - Flames
 - Blue 25
 - Checking the flame patterns 26
 - Ghosting 26
 - Framing 6
 - Fuel 24
 - Fuel Conversion 16
- G**
- Gas Codes 3, 15, 16
 - Gas Line Connection 14
 - Gas Pressure 15
- H**
- Glass
 - Cleaning 27
 - Condensation 25
 - Film 25
 - Glass Specifications/Certifications 3
- H**
- High Altitude Installation 14
 - High Temperature Sealant Material 21
 - Hood 21
 - Horizontal Installation 3
 - Horizontal Termination
 - Clearances 7
 - Vent Lengths 7
- I**
- Input Rate 15
 - Interior Wall Shield 9
- J**
- Junction Box 20
 - Junction Box Installation 20
- L**
- Lava Rock 22
 - Lighting Instructions
 - Standing Pilot Ignition 23
 - Lot Set 22
- M**
- Mantel Heights 6
 - Manufactured Housing Codes 3
 - Minimum Installation (MI) Sections 13
- N**
- Noncombustible Finishing Material 21
 - Noncombustible Materials 6
- O**
- Odor 25
 - Optional Components 4, 28
- R**
- Replacement Parts 29
 - Rock Wool 22
- S**
- Safety Precautions 2
 - Seasonal Checklist 24
 - Setting the Appliance 6
 - Slip Sections 14
 - Space Requirements 5
 - Standing Pilot
 - Ignition 26
 - Operation 24
 - Start-up Issues 25
- T**
- Termination Cap Locations 9
 - Termination Installation 12
- U**
- Upper Grille 21
- V**
- Venting 13
 - Assembling 13
 - Assembling Minimum Installation (MI) Sections 13
 - Attach to Appliance 13
 - Disassembling Vent Sections 14
 - Slip Sections - Assembly 14
 - Through the Wall 9
 - Vermiculite 22
 - Vertical Installation 3
 - Vertical Termination
 - Chimney Height 12
 - Clearances 11
 - Multiple Terminations 12
 - Vent Lengths 11
 - Vertical Termination Cap 12
- W**
- Wall Switch Wiring 19
 - Wiring 19
 - Diagram 19
 - Junction Box 20
 - Standing Pilot 19
 - Wall Switch 19

The first name in fireplaces

heatilator®

The first name in fireplaces

Gas Appliance (Fireplace) Limited Lifetime Warranty

HEARTH & HOME TECHNOLOGIES (“HHT”) extends the following warranty for **HEATILATOR®** gas appliances installed in the United States of America or Canada (the “Appliance”). Dealers and employees of HHT have no authority to make any warranty or authorize any remedies in addition to or inconsistent with the terms of this warranty.

Limited Lifetime Warranty

HHT warrants the Appliance for component failure due to a manufacturing defect of any of the following components: combustion chamber, burner pan, and logs. The Limited Lifetime Warranty specified above is subject to the conditions, exclusions and limitations listed below, is for the period the Appliance is owned by the original homeowner only, and is nontransferable.

1 Year Limited Warranty

HHT warrants the Appliance to be free from failure of any of the following components for a period of one year after installation: valve, flexible gas line connector, glass panel, fan, direct vent chimney components, factory paint, gasket, piezo ignitor, thermopile, thermocouple, junction box, pilot assembly, shutoff valve, high limit switch, refractory liners, transformer, and control box. If the Heatilator Appliance is found to be defective in either material or workmanship within one year of the date of original installation, HHT will provide replacement parts at no charge and pay reasonable labor and freight costs, and is for the period of one year following the date of original installation of the Appliance.

Conditions, Exclusions, & Limitations of Liability

- A.** Both the Limited Lifetime and 1 Year Limited Warranties supplied by HHT apply only while the Appliance is in its location of original installation. HHT’s obligation under this warranty does not extend to damages resulting from (1) installation, operation or maintenance of the Appliance not in accordance with the Installation Instructions, Operating Instructions, and the Listing Agent Identification Label furnished with the Appliance; (2) installation which does not comply with local building codes; (3) shipping, improper handling, improper operation, abuse, misuse, accident or unworkmanlike repairs; (4) environmental conditions, inadequate ventilation or drafting caused by tight sealing construction of the structure, air handling devices such as exhaust fans or forced air furnaces, or other causes; (5) use of fuels other than those specified in the Operating Instructions; (6) installation or use of components not supplied with the Appliance or any other components not expressly authorized and approved by HHT; and/or (7) modification of the Appliance not expressly authorized and approved by HHT in writing. This warranty is limited to only the component parts manufactured or supplied by HHT.
- B.** HHT’s liability under both the Limited Lifetime Warranty and the 1 Year Limited Warranty is limited to the replacement and repair of defective components or workmanship during the applicable period. HHT may fully discharge all of its obligations under such warranties by repairing the defective component(s) or at HHT’s discretion, providing replacement parts at no charge and paying reasonable labor and freight costs.
- C. EXCEPT TO THE EXTENT PROVIDED BY LAW, HHT MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY SPECIFIED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO DURATION OF THE WARRANTY SPECIFIED ABOVE.**
- D.** Some states do not allow exclusions or limitations of incidental or consequential damages, so those limitations may not apply to you. This warranty gives you specific rights; you may also have other rights which vary from state to state.

How to Obtain Service

To obtain service under this warranty you must:

1. Send written notice of the claimed condition to Heatilator Technical Service Department, Hearth & Home Technologies, 1915 W. Saunders Street, Mt. Pleasant, Iowa 52641-1563. You may also register your claim online at www.heatilator.com/contact.asp.
2. Provide proof of purchase, model number, serial number, and manufacturing date code to HHT.
3. Provide HHT reasonable opportunity to investigate the claim, including reasonable opportunity to inspect the Appliance prior to any repair or replacement work and before the Appliance or any component of the Appliance has been removed from the place of original installation.
4. Obtain HHT’s consent to any warranty work before the work is done.

ADDITIONAL INFORMATION. If you would like information on current HEATILATOR products or want to locate a dealer in your area, call 1-800-843-2848.

©2001 Heatilator® is a Registered Trademark of Hearth & Home Technologies