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

FOR YOUR SAFETY
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 neighbour’s phone. Follow the gas supplier’s instructions.
• If you cannot reach your gas supplier, call the fire department.

This appliance may only be installed in an aftermarket permanently located, manufactured (USA only) or mobile home, where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

Installer: Please complete the details on the back cover and leave this manual with the homeowner.
Homeowner: Please keep these instructions for future reference.
To the New Owner:

Congratulations!

You are the owner of a state-of-the-art Hampton Gas Stove by FPI FIREPLACE PRODUCTS INTERNATIONAL LTD. The H25 is a hand crafted appliance and has been designed to provide you with all the warmth and charm of a wood fireplace at the flick of a switch. The model H25 has been approved by Warnock Hersey for both safety and efficiency. As it also bears our own mark, it promises to provide you with economy, comfort and security for many trouble free years to follow. Please take a moment now to acquaint yourself with these instructions and the many features of your Hampton Stove.

UNIT DIMENSIONS

We recommend that our products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) or in Canada by Wood Energy Technical Training (WETT).
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<tr>
<td></td>
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</tr>
</tbody>
</table>

---

Hampton H25 Direct Vent Freestanding Gas Stove
This is a copy of the label that accompanies each Direct Vent Freestanding Gas Stove. We have printed a copy of the contents here for your review.

NOTE: Hampton units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

For the State of Massachusetts, installation and repair must be done by a plumber or gasfitter licensed in the Commonwealth of Massachusetts.

For the State of Massachusetts, flexible connectors shall not exceed 36 inches in length.

For the State of Massachusetts, the appliance’s individual manual shut-off must be a t-handle type valve.

### Copy of Safety Label for H25-NG & H25-LP

**FACTORY EQUIPPED FOR NATURAL GAS Model: H25-NG**

<table>
<thead>
<tr>
<th>Minimum Supply Pressure</th>
<th>Pression d’alimentation minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>5” WC/C.E. (1.25 kPa)</td>
<td>3.8” WC/C.E. (0.94 kPa)</td>
</tr>
<tr>
<td>1.1” WC/C.E. (0.27 kPa)</td>
<td></td>
</tr>
</tbody>
</table>

**FACTORY EQUIPPED FOR PROPANE GAS Model: H25-LP**

<table>
<thead>
<tr>
<th>Minimum Supply Pressure</th>
<th>Pression d’alimentation minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>12” WC/C.E. (3.00 kPa)</td>
<td>11” WC/C.E. (2.74 kPa)</td>
</tr>
<tr>
<td>2.9” WC/C.E. (0.72 kPa)</td>
<td></td>
</tr>
</tbody>
</table>

For all models:

- Minimum Ceiling Height from Top of Unit: 24”/610mm
- Minimum Plafond Hauteur en haut de l’appareil: 24”/610mm

Minimum clearances to Combustibles:

- A 6”/150mm
- B 3”/75mm
- C 2”/50mm
- E 2”/50mm

GAS FIRED VENTED ROOM HEATER: This appliance must be installed in accordance with local codes, if any; if not, follow ANSI Z223.1/CAN/CGA-B149 Electrical Supply (115 V, 1.13A, 60 Hz). This vented gas fireplace heater is not for use with solid fuels.

POLE R GAS RADIATEUR VENTILE: Cet appareil doit être installé conformément aux exigences des codes locaux, s’il n’existe aucun code local, se conformer à la norme: ANSI Z223.1/CAN/CGA-B14 en vigueur. Alimentation électrique. Ne doit pas être utilisé avec un combustible solide.

FPI Fireplace Products International Ltd. Delta, BC, Canada

Made in Canada/Fabrique au Canada

918-102b
IMPORTANT: SAVE THESE INSTRUCTIONS

The Direct Vent Freestanding Gas Stove must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the building authority having jurisdiction to determine the need for a permit prior to starting the installation.

Note: Failure to follow the instructions could cause a malfunction of the heater which could result in death, serious bodily injury, and/or property damage. Failure to follow these instructions may also void your fire insurance and/or warranty.

Note: These instructions take precedence over Simpson Dura-Vent instructions.

SPECIFICATIONS

Fuels: H25-NG is approved for use with natural gas.
H25-LP is approved for use with liquefied petroleum gases (propane).

Electrical: 120V A.C. system.

Optional Circulation Fan:
Variable speed, 125/75.

Log Sets:
Ceramic fibre, 4 per set.

Vent System: Coaxial (6-5/8" outer / 4" inner liner) rigid flue and termination cap.

INFORMATION FOR MOBILE/ MANUFACTURED HOMES AFTER FIRST SALE

This Hampton product has been tested and listed by ITS Testing Services as a Direct Vent Wall Furnace to the following standards: CGA-2.17-M91, and ANSI Z21.88b-2003/CSA 2.33b-2003.

This Direct Vent System Appliance must be installed in accordance with the manufacturer’s installation instructions and the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, or the current Standard of Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities ANSI NFPA 501A, and with CAN/CSA Z240-MH Mobile Home Standard in Canada.

This appliance installation must comply with the manufacturer’s installation instructions and local codes, if any. In the absence of local codes the current National Fuel Gas Code, ANSI Z223.1 and the current National Electrical Code ANSI/NFPA 70 in the U.S.A., and the current CAN/CGA B149 Gas Installation Code and the current Canadian Electrical Code CSA C22.1 in Canada.

This Hampton Mobile/Manufactured Home Listed appliance comes factory equipped with a means to secure the unit.

This Hampton Mobile/Manufactured Home listed appliance comes equipped with a dedicated #8 ground lug to which an 18 gauge copper wire from the steel chassis ground must be attached.

This appliance may only be installed in an aftermarket permanently located, manufactured (USA only) or mobile home, where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

BEFORE YOU START

Safe installation and operation of this appliance requires common sense, however, we are required by the Canadian Safety Standards and ANSI Standards to make you aware of the following:

INSTALLATION AND REPAIRS SHOULD BE DONE BY A QUALIFIED SERVICE PERSON. THIS APPLIANCE SHOULD BE INSTALLED, REPAIRED, INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY A QUALIFIED SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, ETC. IT IS IMPERATIVE THAT THE CONTROL COMPARTMENT, BURNERS AND CIRCULATING AIR PASSAGEWAYS OF THE APPLIANCE BE KEPT CLEAN.

DUE TO HIGH TEMPERATURES, THE APPLIANCE SHOULD BE LOCATED OUT OF TRAFFIC AND AWAY FROM FURNITURE AND DRAPERIES.

WARNING: FAILURE TO INSTALL THIS APPLIANCE CORRECTLY WILL VOID YOUR WARRANTY AND MAY CAUSE A SERIOUS HOUSE FIRE.

CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES, ESPECIALLY THE FIREPLACE GLASS, 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.

CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.

1) Provide adequate clearances for servicing, proper operation and around the air openings into the combustion chamber.

2) The appliance must be installed on a flat, solid, continuous surface (e.g. wood, metal, concrete). This may be the floor, or it can be raised up on a platform to enhance its visual impact. The appliance may be installed on carpeting, tile, wood flooring or other combustible material, because the appliance's base extends the full width and depth of the appliance. The Direct Vent Freestanding Gas Stove can be installed in a wide variety of ways and will fit nearly any room layout. It may be installed in a recessed position, framed out into the room, or across a corner.

3) The Direct Vent Freestanding Gas Stove is approved for alcove installations, which meet the clearances listed on page 6. This unit is approved for manufactured home installations, see page 7 and pages 13 to 16 for the required vent arrangements. If installed into a manufactured home the unit must be bolted down to the floor.

4) This appliance is Listed for bedroom installations when used with a Listed Millivolt Thermostat. Some areas may have further requirements, check local codes before installation.
INSTALLATION

5) This appliance is Listed for Alcove installa-
tions, maintain minimum Alcove clearances 
as follows, minimum width of 34-3/4" 
(882mm), a maximum depth of 36" (914mm), 
and minimum ceiling height of 51" (1295mm) 
from floor to ceiling.

6) We recommend that you plan your installa-
tion on paper using exact measurements 
for clearances and floor protection before 
actually installing this appliance. Have a 
qualified building inspector review your 
plans before installation.

GENERAL SAFETY 
INFORMATION

1) The appliance installation must conform 
with local Canadian Electrical Code.

2) The appliance when installed, must be elec-
trically grounded in accordance with local 
codes, or in the absence of local codes with 
the current National Electrical Code, ANSI/ 
NFPA 70 or CSA C22.1 Canadian Electrical 
Code.

3) The appliance should be inspected for 
shipping damage before use and serviced 
annually by a professional service per-
son. More frequent cleaning may be re-
quired due to excessive lint from carpeting, 
bedding material, etc. It is imperative that 
control compartments, and circulating air 
passageways of the appliance be kept 
clean and free from excessive lint from 
carpeting.

4) See general construction and assembly 
instructions. The appliance and vent should 
be enclosured when installed in or passing 
through a living area, where children may 
come in contact with it.

5) This appliance must be connected to the 
specified vent and termination cap to the 
outside of the building envelope. Never 
vent to another room or inside a building. 
Make sure that the vent is fitted as per the 
instructions starting on page 10.

6) Inspect the venting system annually for 
blockage and any signs of deterioration.

7) Venting terminals shall not be recessed 
into a wall or siding.

8) Any safety glass removed for servicing 
must be replaced prior to operating the 
appliance.

9) To prevent injury, do not allow anyone who 
is unfamiliar with the operation to use the 
fireplace.

Emissions from burning wood or gas could 
contain chemicals known to the State of 
California to cause cancer, birth defects or 
other reproductive harm.

INSTALLATION 
CHECKLIST

1) Check Clearances to Combustibles (page 
6), location of unit (page 7) and venting 
requirements (pages 9-12).

2) Install Optional Fan, see page 7.

3) Set vent restrictor, page 9.

4) Install venting: Check all venting require-
ments, pages 9-13. Vertical Termination 
with Co-linear Flex System, page 16. Hor-
izontal Termination Kits, page 17. Minimum 
Horizontal Termination, page 19. Dura-Vent 
Termination Kits, page 20.

5) Make gas connections, page 25. Test the 
pilot. Must be as per diagram, page 32.


7) Install logs and embers where indicated on 
page 28.

8) Install optional Remote Control, or Wall Ther-
mostat, page 30.

9) Final check, page 31.

Before leaving this unit with the customer, the 
installer must ensure that the appliance is firing 
correctly and operation fully explained to 
customer.

This includes:

1) Clocking the appliance to ensure the cor-
rect firing rate (rate noted on label) after 
burning appliance for 15 minutes.

2) If required, adjusting the primary air to 
ensure that the flame does not carbon. First 
allow the unit to burn for 15-20 min. to 
stabilize.

CAUTION: Any alteration to the product 
that causes sooting or carboning that 
results in damage is not the responsibil-
ity of the manufacturer.

CLEARANCES TO 
COMBUSTIBLES

The clearances listed are MINIMUM distances. 
Measure the clearance to both the appliance 
and the chimney connector. The farthest 
distance is correct if the two clearances 
do not coincide.

For example, if the appliance is set as indicated 
in one of the figures but the connector is too 
close, move the stove until the correct clear-
ance to the connector is obtained.

This appliance may be installed only with the 
clearances as shown in the situations pictured. 
Do not combine clearances from one 
type of installation with another in order 
to achieve closer clearances.

This unit can be installed on a solid combustible 
surface like a wood floor. This unit can also be 
installed directly on carpeting or vinyl.

Use the minimum clearances shown in the 
diagrams below:

H25-NG & H25-LP Clearances
A Left Side Wall to Unit* 6" / 150 mm
B Back Wall to Unit 3" / 75 mm
C Vertical Vent Pipe to Back Wall 2" / 50 mm
E Unit Corner to Wall 2" /50 mm
Unit Top to Alcove Ceiling 24" / 610 mm

Minimum ceiling height is 24" /610 mm from top 
of unit.

![Diagram](Image)

Hampton H25 Direct Vent Freestanding Gas Stove
LOCATING YOUR GAS STOVE

When selecting a location for your stove, ensure that the clearances listed above are met as well as ensuring that there is adequate accessibility for servicing and proper operation.

MANUFACTURED MOBILE HOME ADDITIONAL REQUIREMENTS

1) Ensure that structural members are not cut or weakened during installation.

2) Ensure proper grounding using the #8 ground lug provided.

3) Appliance must be anchored to the floor with the supplied anchoring methods.

COMBUSTION AND VENTILATION AIR

The combustion air from this appliance is drawn from outside the building through the outer flue. Extra provision for combustion air inside the room is not required.

OPTIONAL FAN INSTALLATION

Fan Kit Contains:

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fan Assembly c/w green wire attached</td>
</tr>
<tr>
<td>1</td>
<td>Thermodisc</td>
</tr>
<tr>
<td>1</td>
<td>power cord</td>
</tr>
<tr>
<td>2</td>
<td>2-1/4” x 20 hex nut</td>
</tr>
<tr>
<td>1</td>
<td>Fan Speed Control</td>
</tr>
</tbody>
</table>

2) Remove the rear access panel on the back of the stove by removing the 2 screws under the rear panel, then lift off the 2 screws at the top. Take care not to cut wires when lowering the panel.

4) Remove the nylon hole plug from the control panel.

5) Install the fan speed controller onto the control panel and secure with nut and washer. Connect the red and black wires from the wire harness to speed controller. NOTE: Speed control wires must be in the down position when control panel is in place.

6) Push black knob onto speed control.

7) Re-attach control panel with 3 screws, reversing step 3.

8) Slide Thermodisc into the bracket on the left side of the rear firebox.
9) Place the blower close to the base of the unit and feed the long red and black wires through the opening of the base of the unit and connect them to the thermodisc.

10) Feed the short red and black wires through the small hole at the base of the unit.

11) Mount the blower assembly in position under the base of the stove and secure with the 2 supplied bolts (2-1/4" #20 hex head).

12) Before re-attaching the rear access panel, the valve wires and the fan wires need to be connected.

Re-connect the red and grey valve wires.

Connect the fan wires.

13) Slide the Rear Access Panel back into position and secure with 2 screws.

---

**WARNING: Electrical Grounding Instructions**

This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.
**VENTING INTRODUCTION**

The Horizontal Termination Kit and the Simpson Dura-Vent Direct Vent System Model DV-GS venting systems, in combination with the Direct Vent Freestanding Gas Stoves, H25-NG, and H25-LP, have been tested and listed as direct vent heater systems by Warnock Hersey.

These units use the "balanced flue" technology Co-Axial system. The inner liner vents products of combustion to the outside while the outer pipe draws outside combustion air into the combustion chamber thereby eliminating the need to use heated room air for combustion and losing warm room air up the chimney.

**Note: These flue pipes must not be connected to any other appliance.**

The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas burning appliance. Each direct vent gas appliance must use its own separate vent system. Common vent systems are prohibited.

**IMPORTANT**

Read all instructions carefully before starting the installation. Failure to follow these instructions may create a fire or other safety hazard, and will void the warranty. Be sure to check the venting and clearance to combustible requirements. Consult your local building codes before beginning installation.

The location of the termination cap must conform to the requirements in the Exterior Vent Terminal Locations on page 10.

**INSTALLATION PRECAUTIONS**

These venting systems are engineered products that have been designed and tested for use with the H25-NG, and H25-LP. The warranty will be voided and serious fire, health or other safety hazards may result from any of the following actions:

1) Installation of any damaged Direct Vent component

2) Unauthorized modification of the Direct Vent System

3) Installation of any component part not manufactured or approved by Simpson Dura-Vent or FPI Fireplace Products International Ltd.

4) Installation other than as instructed by Simpson Dura-Vent and FPI Fireplace Products International Ltd.

**SAFETY PRECAUTIONS FOR THE INSTALLER**

1) Wear gloves and safety glasses for protection.

2) Exercise extreme caution when using ladders or on roof tops.

3) Be aware of electrical wiring locations in walls and ceilings.

**VENT RESTRICTOR POSITION**

To set the Vent restriction as indicated in the Venting Arrangement diagrams on page 13-16, simply loosen the screws and push the vent restrictor plate to the correct position. Tighten the screws.

**ROTATING 45° ELBOW**

1) Remove all 4 screws that secure the elbow to the unit using a 1/4" magnetic nut driver.

2) Rotate the elbow 180°

3) Secure the elbow by securing it with the 4 screws.
A = Clearance above grade, veranda, porch, deck, or balcony *(min. 12”/30cm)
B = Clearance to window or door that may be opened *(12”/30cm)
C = Clearance to permanently closed window *(min. 12”/30cm)
D = Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of (24”/60cm) from the centerline of the terminal (min. 22”/55cm) check with local code.
E = Clearance to unventilated soffit (min. 12”/30cm)
F = Clearance to outside corner: with AstroCap Termination Cap (min. 6”/15cm), with DuraVent Termination Cap (min. 12”/30cm), with Riser Vent (min. 6”/15cm)
G = Clearance to inside corner: with AstroCap Termination Cap (min. 6”/15cm), with DuraVent Termination Cap (min. 12”/30cm), with Riser Vent (min. 6”/15cm)
H = Not to be installed above a meter/regulator assembly within (3’/90cm) horizontally from the centerline of the regulator.
J = Clearance to service regulator vent outlet *(min. 36”/90cm)
K = Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance *(12”/30cm)
L = Clearance to a mechanical air supply inlet *(min. 72”/1.8m)
M = **Clearance above paved sidewalk or a paved driveway located on public property *(min. 84”/2.1m)
N = Clearance under veranda, porch, deck, or balcony *(min. 12”/30cm)***

Note: * As specified in CGA B149 Installation Code. Note: Local codes or regulations may require different clearances.
** A vent shall not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings.
*** Only permitted if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor.
# INSTALLATION

## RIGID PIPE VENTING COMPONENTS LIST

All Simpson Dura-Vent components are available directly from FPI.

<table>
<thead>
<tr>
<th>Description</th>
<th>Simpson Dura-Vent</th>
<th>Selkirk Direct-Temp™</th>
<th>Amerivent® Direct Vent</th>
</tr>
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<tbody>
<tr>
<td>6” Pipe Length, Galvanized</td>
<td>908</td>
<td>4DT-6</td>
<td>N/A</td>
</tr>
<tr>
<td>6” Pipe Length, Black</td>
<td>908B</td>
<td>4DT-6B</td>
<td>N/A</td>
</tr>
<tr>
<td>7” Pipe Length, Galvanized</td>
<td>N/A</td>
<td>N/A</td>
<td>4D7</td>
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<tr>
<td>7” Pipe Length, Black</td>
<td>N/A</td>
<td>N/A</td>
<td>4D7B</td>
</tr>
<tr>
<td>9” Pipe Length, Galvanized</td>
<td>907</td>
<td>4DT-9</td>
<td>N/A</td>
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<tr>
<td>9” Pipe Length, Black</td>
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<td>12” Pipe Length, Galvanized</td>
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<td>4DT-12B</td>
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<td>4D3B</td>
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<td>4D4B</td>
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<td>N/A</td>
<td>4D7A</td>
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<td>Adjustable Length, 7” Black</td>
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<td>N/A</td>
<td>4D7AB</td>
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<tr>
<td>Adjustable Length, 12” Galvanized</td>
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<td>N/A</td>
<td>4D12A</td>
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<tr>
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<td>4D12AB</td>
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<td>945</td>
<td>4DT-EL45</td>
<td>4D45L</td>
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<td>945B</td>
<td>4DT-EL45B</td>
<td>4D45LB</td>
</tr>
<tr>
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<td>945G</td>
<td>N/A</td>
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</tr>
<tr>
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<td>945BG</td>
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<td>N/A</td>
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<tr>
<td>90° Elbow, Galvanized</td>
<td>990</td>
<td>4DT-EL90S</td>
<td>4D90LS</td>
</tr>
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<td>90° Elbow, Black</td>
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<td>4DT-EL90SB</td>
<td>4D90LBS</td>
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<tr>
<td>90° Elbow, Swivel, Galvanized</td>
<td>990G</td>
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<td>N/A</td>
</tr>
<tr>
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<td>990BG</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Ceiling Support</td>
<td>949 - n/a from FPI</td>
<td>4DT-CS</td>
<td>4DFS-P</td>
</tr>
<tr>
<td>Cathedral Support Box</td>
<td>941</td>
<td>4DT-CS</td>
<td>4DFS-P</td>
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<tr>
<td>Wall Support/Band</td>
<td>988</td>
<td>4DT-WS/B</td>
<td>4DWS</td>
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<tr>
<td>Offset Support</td>
<td>989 - n/a from FPI</td>
<td>4DT-OS</td>
<td>N/A</td>
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<td>Wall Thimble, Black</td>
<td>942</td>
<td>4DT-WT</td>
<td>4DWT</td>
</tr>
<tr>
<td>Wall Thimble Support Box/Ceiling Support</td>
<td>940</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Firestop Spacer</td>
<td>963</td>
<td>4DT-FS</td>
<td>4DFS-P</td>
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<tr>
<td>Trim Plate, Black</td>
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<td>4DT-TP</td>
<td>4DFP8</td>
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<td>Brass Trim for Wall Thimble/Ceiling Support</td>
<td>3951</td>
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<td>N/A</td>
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<tr>
<td>Attic Insulation Shield 12”</td>
<td>N/A</td>
<td>N/A</td>
<td>4DAIS12</td>
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<tr>
<td>Attic Insulation Shield - Cold Climates 36”</td>
<td>N/A</td>
<td>N/A</td>
<td>4DAIS36</td>
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<tr>
<td>Basic Horizontal Termination Kit (A)</td>
<td>970</td>
<td>4DT-HKA</td>
<td>4DHTK2</td>
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<tr>
<td>Horizontal Termination Kit (B)</td>
<td>971</td>
<td>4DT-HKB</td>
<td>4DHTK1</td>
</tr>
<tr>
<td>Vertical Termination Kit</td>
<td>978</td>
<td>4DT-VKC</td>
<td>4DVTK</td>
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<tr>
<td>High Wind Vertical Cap</td>
<td>991</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>High Wind Horizontal Cap</td>
<td>985</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Horizontal Square Termination Cap</td>
<td>984</td>
<td>4DT-HHC</td>
<td>4DHC</td>
</tr>
<tr>
<td>Verical Termination Cap</td>
<td>980</td>
<td>4DT-HVC</td>
<td>4DVC</td>
</tr>
<tr>
<td>Storm Collar</td>
<td>953</td>
<td>4DT-SC</td>
<td>4DSC</td>
</tr>
<tr>
<td>Adjustable Flashing, 0/12-6/12</td>
<td>943</td>
<td>4DT-AF6</td>
<td>4DF</td>
</tr>
<tr>
<td>Adjustable Flashing, 6/12-12/12</td>
<td>943S</td>
<td>4DT-AF12</td>
<td>4DF12</td>
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<tr>
<td>Vinyl Siding Standoff</td>
<td>950</td>
<td>4DT-VS</td>
<td>N/A</td>
</tr>
<tr>
<td>Vinyl Siding Shield Plate</td>
<td>N/A</td>
<td>4DT-VSP</td>
<td>N/A</td>
</tr>
<tr>
<td>Snorkel Termination 14”</td>
<td>982</td>
<td>4DT-ST14</td>
<td>4D12S</td>
</tr>
<tr>
<td>Snorkel Termination 36”</td>
<td>981</td>
<td>4DT-ST36</td>
<td>4D36S</td>
</tr>
</tbody>
</table>

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946-506/P Vent Guard (Optional)
946-508/P Vent Guard (Optional) - Riser Vent Terminal
946-509/P Vent Guard (Optional) - AstroCap Horizontal Cap
946-505/P Vinyl Siding Shield for Riser Vent Terminal
946-506/P Vinyl Siding Standoff - AstroCap

Hampton H25 Direct Vent Freestanding Gas Stove
RIGID PIPE VENTING SYSTEMS

*Horizontal or Vertical Terminations*

**WARNING:**

Do not combine venting components from different venting systems.

However use of the AstroCap™ and FPI Riser is acceptable with all systems.

This product has been evaluated by Intertek for using a Dura-Vent Flue Adaptor in conjunction with Selkirk Direct-Temp and Ameri Vent Direct venting systems. Use of these systems with the Direct Vent GS starting collar is deemed acceptable and does not affect the Intertek WHI listing of components.

When using piping other than Simpson Dura-Vent, 3 screws must be used to secure rigid pipe to adaptor.

The FPI AstroCap™ and FPI Riser Vent terminal is certified for installations using FPI venting systems as well as Simpson Dura-Vent®, Direct Vent GS, American Metal Products, Ameri Vent Direct Vent and Selkirk Direct-Temp. FPI™, and FPI AstroCap™ are the proprietary trademarks of FPI Fireplace Products International Ltd. Dura-Vent® and Direct Vent GS are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.
VENTING ARRANGEMENTS

Horizontal Terminations for
All Venting Systems

The shaded areas in the diagram below show all allowable combinations of vertical runs with horizontal terminations. Maximum one 90° elbow (two 45° elbows equal one 90° elbow).

Propane and Natural Gas:
Residential, Manufactured and Mobile Homes Installations

**Offset to Vertical Terminations**

Venting Arrangements - Horizontal Terminations using Dura-Vent venting system

The two diagrams show all allowable combinations of straight horizontal termination with one 45° elbow off the unit and Dura-Vent Snorkel or FPI Riser Vent. Restrictor position “A”.

Propane and Natural Gas:
Residential Manufactured and Mobile Homes

May be installed in Manufactured (Mobile) Homes after first sale.

May be installed in Manufactured (Mobile) Homes after first sale.

Vertical Terminations Systems for
Residential Manufactured and Mobile Homes

The shaded area in the diagram below shows all allowable combinations of straight vertical and offset to vertical runs with vertical terminations. Maximum two 45° elbows.

If the vent is ENCLOSED in a chase (min. size 9" x 9") maintain a 1-1/4" clearance to combustibles. May be installed in Manufactured (Mobile) Homes after first sale.


diagram with vertical and horizontal terminations and restrictor positions

Restrictor Position (A)

Restrictor Position (B)

Horizontal Distance (Feet)

Vertical Height (Feet)

Horizontal Distance (Feet)

Vertical Height (Feet)

Dura-Vent Snorkel Termination

Riser Vent Termination

Hampton H25 Direct Vent Freestanding Gas Stove
INSTALLATION

Horizontal Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

<table>
<thead>
<tr>
<th>Option</th>
<th>V</th>
<th>H + H1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>2' Min.</td>
<td>4' Max.</td>
</tr>
<tr>
<td>B)</td>
<td>3' Min.</td>
<td>5' Max.</td>
</tr>
<tr>
<td>C)</td>
<td>4' Min.</td>
<td>6' Max.</td>
</tr>
<tr>
<td>D)</td>
<td>5' Min.</td>
<td>7' Max.</td>
</tr>
<tr>
<td>E)</td>
<td>6' Min.</td>
<td>8' Max.</td>
</tr>
</tbody>
</table>

With these options, maximum total pipe length is 30 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal. Please note minimum 1 foot between 90° elbows is required.

Lengths do not include elbow indicated
Vent restrictor position A (fully open), refer to page 9

Horizontal Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

<table>
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<tr>
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<th>H</th>
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</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>1' Max.</td>
<td>1' Min.</td>
<td>3' Max.</td>
</tr>
<tr>
<td>B)</td>
<td>2' Max.</td>
<td>2' Min.</td>
<td>5' Max.</td>
</tr>
<tr>
<td>C)</td>
<td>3' Max.</td>
<td>4' Min.</td>
<td>6' Max.</td>
</tr>
<tr>
<td>D)</td>
<td>4' Max.</td>
<td>6' Min.</td>
<td>7' Max.</td>
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<tr>
<td>E)</td>
<td>5' Max.</td>
<td>8' Min.</td>
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With these options, maximum total pipe length is 30 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal. Please note minimum 1 foot between 90° elbows is required.

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Vent restrictor position A (fully open), refer to page 9
Vertical Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

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<td>4’ Max.</td>
<td>2’ Min.</td>
</tr>
<tr>
<td>B)</td>
<td>2’ Min.</td>
<td>5’ Max.</td>
<td>3’ Min.</td>
</tr>
<tr>
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<td>3’ Min.</td>
<td>6’ Max.</td>
<td>4’ Min.</td>
</tr>
<tr>
<td>D)</td>
<td>4’ Min.</td>
<td>7’ Max.</td>
<td>5’ Min.</td>
</tr>
<tr>
<td>E)</td>
<td>5’ Min.</td>
<td>8’ Max.</td>
<td>6’ Min.</td>
</tr>
</tbody>
</table>

With these options, max. total pipe length is 30 feet with min. of 6 feet total vertical and max. 8 feet total horizontal. Please note min. 1 foot between 90° elbows is required.

Lengths do not include elbow indicated

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Vertical Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

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<th>V</th>
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</thead>
<tbody>
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</tr>
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<td>B)</td>
<td>3’ Max.</td>
<td>3’ Min.</td>
</tr>
<tr>
<td>C)</td>
<td>4’ Max.</td>
<td>4’ Min.</td>
</tr>
<tr>
<td>D)</td>
<td>5’ Max.</td>
<td>5’ Min.</td>
</tr>
<tr>
<td>E)</td>
<td>6’ Max.</td>
<td>6’ Min.</td>
</tr>
</tbody>
</table>

With these options, max. total pipe length is 30 feet with min. of 6 feet total vertical and max. 6 feet total horizontal. Please note min. 1 foot between 90° elbows is required.

Lengths do not include elbow indicated

Vent restrictor position A (fully open), refer to page 9
INSTALLATION

VERTICAL TERMINATION WITH CO-LINEAR FLEX SYSTEM

Masonry chimneys may take various contours which the flexible liner will accommodate. However, keep the flexible liner as straight as possible, avoid unnecessary bending.

The Air Intake pipe must be attached to the inlet air collar of the termination cap.

Venting Arrangements - Vertical Terminations with Co-linear Flex System for both Residential & Manufactured Homes into Masonry Fireplaces

The shaded area in the diagram shows the allowable vertical terminations. Note: Must remove 4 screws from stove collar and rotate 130° to have collar facing straight back. Secure into place with 4 screws.

Straight Vertical Terminations

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>946-529</td>
<td>Co-linear DV Vertical Termination Cap</td>
</tr>
<tr>
<td>948-305</td>
<td>3&quot; Flex - 35 ft.</td>
</tr>
<tr>
<td>946-563</td>
<td>Co-Axial to Co-Linear Adapter Kit</td>
</tr>
</tbody>
</table>

Alternate Approved Caps

- 980 Vertical Termination Cap
- 991 High Wind Cap
- 923GK 3" Co-linear Adapter with flashing

Required Parts:

- Co-linear DV Vertical Termination Cap
- 3" Flex - 35 ft.
- Co-Axial to Co-Linear Adapter Kit

Visit the Venting Arrangements chart below for minimum and maximum flue lengths. See chart below for minimum distances from roof. Periodically check that the vent is unrestricted.

Masonry chimneys may take various contours which the flexible liner will accommodate. However, keep the flexible liner as straight as possible, avoid unnecessary bending.

The Air Intake pipe must be attached to the inlet air collar of the termination cap.

Co-linear DV Vertical Termination Cap # 946-529

Vent Restrictors set at fully open, Position "A"
DV STOVE HORIZONTAL VENT KIT

DV 2 ft. Stove Vent Kit (Part # 946-116) and DV 4 ft. Stove Vent Kit (946-216) includes all the parts needed to install the H25 Direct Vent unit with minimum horizontal and vertical vent dimensions. For installations that require longer vertical and/or horizontal vents use the Dura-Vent system as shown on page 20.

Review the following sequence of instructions which are typical of most installations. The sequence may vary depending on wall thickness. Refer to pages 10 to 16 for vent location and clearance dimensions, and page 9 to set the Vent Restrictor to the correct position.

1) Set the unit in its desired location. Check to determine if wall studs will be in the way of the venting system, adjust location until all clearances are met and there are no obstructions.

Note: A 1-1/2" (38mm) clearance around the outer pipe must be maintained except that only a 1" (25mm) clearance is needed at the termination end.

IMPORTANT:
Do not locate termination hood where excessive snow or ice build-up may occur. Be sure to check vent termination area after snow falls, and clear to prevent accidental blockage of venting system. When using snow blowers, make sure snow is not directed towards vent termination area.

2) Assemble a trial fit to determine the vertical center-line for the vent termination.

   a) Cut a 9-1/2" x 9-1/2" (241mm x 241mm) square hole on both the interior and exterior wall.

   b) Install wall thimbles on both interior and exterior wall with 4 wood screws (#8 x 1") per thimble.

   c) Attach the 2 piece adjustable pipe section to the vent terminal and slide into position from the exterior. The larger diameter end of the adjustable pipe goes to the vent terminal.

   d) Install the 90° elbow onto the adjustable pipe to determine the vertical centerline.

   Note: if the centerline cannot be met, the adjustable sections will have to be cut.

   e) Cut the 4 ft. section of rigid pipe to length. Attach the 45° elbow to the rigid pipe, and ensure that the pipe length when cut (with the 45° elbow) will seat onto both the starter collar and the 90° elbow. Crimped section of rigid pipe seats into the 90° elbow. Only cut the uncrimped side of pipe.

   Dismantle all pipe sections including vent terminal.
18 Hampton H25 Direct Vent Freestanding Gas Stove

INSTALLATION

3) Attach the 4" dia. flex liner to the vent terminal ensuring that the flex overlaps the collar of the vent terminal by a minimum of 1-3/8" (35mm). Use Mill-Pac to seal and secure with 3 of the #8 x 1/2" screws (stainless steel).

4) Attach the adjustable pipe section to the vent terminal using Mill-Pac and/or high temperature silicone and attach with 3 of the #8 x 1/2" screws (stainless steel).

Hint: Apply the sealant (Mill-Pac and/or high temperature silicone) to the outer pipe before connecting the inner pipe.

Note: The pipe seams should be facing down.

Note: To make the installation more aesthetically pleasing, we recommend framing out a square that the cap can be mounted on.

Note: If installing termination on a siding covered wall, a vinyl siding standoff or furring strips must be used to ensure that the termination is not recessed into the siding. For vinyl siding standoff installation refer to the Dura-Vent Termination instructions.

5) Slide the partially connected pipe and vent terminal assembly through the wall thimbles (from the exterior into the interior) and secure the cap to the exterior wall with 4 of the supplied screws (#8 x 1-1/2" drill point, stainless steel). Note: pilot holes will need to be drilled through the wall thimble on all 4 corners.

Note: The four screws provided for the vent cap should be replaced with appropriate fasteners for stucco, brick, concrete, or other types of sidings.

6) A bead of non-hardening mastic should be run around both the termination and vinyl siding standoff to prevent water from entering and to make a tight seal between the cap and the standoff.

7) Stretch the 4" dia. flex liner out fully and get a trial fit of the liner onto the 4" dia. starter collar.

8) Cut the 4" dia. flex liner to the desired size.

Hint: leave an extra 1/2" to 1" of length, this will make the final assembly easier to work with.

9) Secure the 4" dia. flex liner to the 4" adapter with Mill-Pac and 3 of the #8 x 1/2" screws (stainless steel).

10) Slide the decorative Thimble Cover over the pipe sections and secure with 4 screws (#8 x 1-1/2" drill point, black) to the wall.

11) Slide the 90° elbow (crimp end up), the 45° elbow and the 4 ft. pipe section (crimp end up) over the 4" dia. flex liner.

12) Install the spring spacers onto the pipe sections.

13) Secure the 4" dia. flex liner with adapter onto the stove collar. Put a bead of Mill-Pac around the appliance adapter and secure with 3 screws (#8 x 1/2" stainless steel).

14) Attach the 45° elbow onto the starter collar by sealing with Mill-Pac and/or high temperature silicone and securing with 3 of the #8 x 1/2" (black) screws.

15) Attach the pipe section to the 45° elbow by sealing with Mill-Pac and/or high temperature silicone and securing with 3 of the #8 x 1/2" screws (black). Pipe seams should be facing the wall.

16) Attach the 90° elbow onto the pipe section by sealing with Mill-Pac and/or high temperature silicone and securing with 3 of the #8 x 1/2" screws (black).

17) Slide the adjustable pipe section onto the 90° elbow. Slide the trim collar over the adjustable pipe sections to cover the joint of the telescopic section.) The flex may have to be compressed back in order for the adjustable pipe to properly mate to the elbow. Seal with Mill-Pac and/or high temperature silicone and secure with 3 of the #8 x 1/2" screws (black). Pipe seams facing down.

18) Install the trim collar over the starter collar and secure with a #8 x 1/2" screw (black).

If the pipe needs to be touched up, use only Stove Brite High Temperature Metallic Black Stove Paint.

NOTE: All inner joints must be sealed with Mill-Pac. All outer joints may be sealed with high temperature silicone.
PLANNING YOUR VENTING INSTALLATION

See page 10 for Exterior Vent Termination requirements. The H25 is approved for a minimum horizontal termination with the FPI Riser Vent Kit. See the diagram for minimum and maximum pipe lengths.

When planning your installation, it will be necessary to select the proper length of vent pipe for your particular requirements. Determine the minimum clearance to combustibles from the rear of the unit to the wall. It is also important to note the wall thickness. Before cutting the vent hole through the wall ensure that ALL vent and termination clearances (see page 10) will be met.

*If this is an outside corner, the minimum distance between the vent and the outside corner is 6" (15cm). See "F" on the diagram on page 10.

Minimum components for a Horizontal Installation:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>640-944</td>
<td>Horizontal Termination Kit which includes:</td>
</tr>
<tr>
<td>1</td>
<td>6-5/8&quot; Dia. x 18&quot; Black Pipe</td>
</tr>
<tr>
<td>1</td>
<td>4&quot; Dia. x 18&quot; Aluminum Vent</td>
</tr>
<tr>
<td>1</td>
<td>946-202 Wall Penetration Heat Shield (Wall Thimble) (2 pcs)</td>
</tr>
<tr>
<td>1</td>
<td>640-530/P Riser Vent Terminal</td>
</tr>
<tr>
<td>1</td>
<td>640-545/P Decorative Wall Trim (Black)</td>
</tr>
<tr>
<td>1</td>
<td>948-128 Tube Mill-Pac</td>
</tr>
<tr>
<td></td>
<td>946-219 Adapter</td>
</tr>
</tbody>
</table>

Optional Components:

<table>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>946-204</td>
<td>45° Elbow - 6-5/8&quot; Black pipe and 4&quot; Aluminum Vent</td>
</tr>
<tr>
<td>946-205</td>
<td>Vinyl Siding Shield for Riser Vent Terminal</td>
</tr>
<tr>
<td>946-208/P</td>
<td>Vent Guard</td>
</tr>
<tr>
<td>940</td>
<td>Square Wall Thimble Cover*</td>
</tr>
<tr>
<td>981</td>
<td>Snorkel Termination (36&quot;)*</td>
</tr>
<tr>
<td>982</td>
<td>Snorkel Termination (14&quot;)*</td>
</tr>
<tr>
<td>942</td>
<td>Wall Penetration Heat Shield*</td>
</tr>
</tbody>
</table>

* Simpson Dura-Vent components
DURA-VENT TERMINATION KIT

Planning Your Dura-Vent Installation

There are two basic types of Dura-Vent Direct Vent System installations: horizontal termination and vertical termination. Confirm the maximum horizontal run and maximum vertical rise from the diagrams on pages 13-16.

When planning your installation, it will be necessary to select the proper length of vent pipe for your particular requirements. For horizontal installations, determine the minimum clearance from the rear of the unit to the wall. It is also important to note the wall thickness. (The wall thimble is suitable for 2 x 4 or 2 x 6 wall construction.) Select the amount of vertical rise desired for "vertical-to-horizontal" type installations.

Warning: Always maintain required clearances (air spaces) to nearby combustibles to prevent a fire hazard. Do not fill air spaces with insulation.

The minimum clearance requirements between the outer wall of the vent pipe and nearby combustible surfaces is 1-1/4 inch. Be sure to check the vent termination clearance requirements from decks, windows, soffits, gas regulators, air supply inlets and public walkways as specified in the Exterior Vent Terminal Locations on page 10 and in your local building codes.

To determine the length of vent pipe required for vertical installations, measure the distance from the unit flue outlet to the ceiling, the ceiling thickness, the vertical rise in an attic or second storey, and allow for sufficient vertical height above the roof line.

For multi-storey applications, fire stops are required at each floor level. If an offset is needed, additional pipe, elbows and supports will be required.

Do not exceed the maximum number of elbows. One 90° for horizontal terminations and two 45° for vertical termination.

Dura-Vent Vertical Termination Installation

Dura-Vent Horizontal Termination Installation

Alternate Horizontal Termination Caps

AstroCap
Part# 946-523/P

Alternate Horizontal Riser Vent Terminal
Part# 640-530/P

The FPI AstroCap™ is certified for installations using FPI venting systems as well as Simpson Dura-Vent® and Direct Vent GS.

The FPI AstroCap™ is the proprietary trademark of FPI Fireplace Products International Ltd.

Dura-Vent® and Direct Vent GS are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.
DURA-VENT VENTING COMPONENTS

The Simpson Dura-Vent Direct Vent System offers a complete line of component parts for installation of both horizontal and vertical installations. Many items are offered in decorative black, as well as galvanized finish. The galvanized pipe and fittings are used for concealed locations such as attics or where corrosion is a factor, such as above the roofline. Decorative brass trim kits are available for both wall thimbles and ceiling support boxes.

<table>
<thead>
<tr>
<th>Part #</th>
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</tr>
</thead>
<tbody>
<tr>
<td>971</td>
<td>Horiz. Termination Kit includes: 90° black elbow, wall thimble cover, horiz. square termination cap, 24&quot; black pipe, 11°-14° 5/8&quot; adjustable black pipe</td>
</tr>
<tr>
<td>970</td>
<td>Basic Horiz. Termination Kit includes: 90° black elbow, wall thimble cover, horiz. square term. cap</td>
</tr>
<tr>
<td>978</td>
<td>Vert. Termination Kit includes 0/12 - 6/12 pitch adjustable flashing, storm collar, low profile term. cap</td>
</tr>
<tr>
<td>908B</td>
<td>6&quot; Pipe Length-Black</td>
</tr>
<tr>
<td>907B</td>
<td>9&quot; Pipe Length-Black</td>
</tr>
<tr>
<td>906</td>
<td>12&quot; Pipe Length Galv.</td>
</tr>
<tr>
<td>906B</td>
<td>12&quot; Pipe Length-Black</td>
</tr>
<tr>
<td>904</td>
<td>24&quot; Pipe Length Galv.</td>
</tr>
<tr>
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</tr>
<tr>
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<td>36&quot; Pipe Length Galv.</td>
</tr>
<tr>
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<td>36&quot; Pipe Length-Black</td>
</tr>
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<td>48&quot; Pipe Length Galv.</td>
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<tr>
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<td>48&quot; Pipe Length-Black</td>
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<tr>
<td>911B</td>
<td>11°-14 5/8° Adj. Pipe Length-Black</td>
</tr>
<tr>
<td>917B</td>
<td>17°-24° Adj. Pipe Length Black</td>
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<td>45° Elbow-Black</td>
</tr>
<tr>
<td>945G</td>
<td>45° Elbow-Swivel Galv.</td>
</tr>
<tr>
<td>945BG</td>
<td>45° Elbow-Swivel-Black</td>
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<tr>
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<td>90° Elbow Galv.</td>
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<td>990B</td>
<td>90° Elbow-Black</td>
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<tr>
<td>990G</td>
<td>90° Elbow-Swivel Galv.</td>
</tr>
<tr>
<td>990BG</td>
<td>90° Elbow-Swivel-Black</td>
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<td>991</td>
<td>High Wind Term. Cap (Vertical)</td>
</tr>
<tr>
<td>980</td>
<td>Vertical Term. Cap</td>
</tr>
<tr>
<td>984</td>
<td>Horiz. Sq. Term. Cap</td>
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<td>985</td>
<td>Horiz. Sq. High Wind Termination Cap</td>
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<tr>
<td>982</td>
<td>Snorkel-14° Rise Term. Cap</td>
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<td>981</td>
<td>Snorkel-36° Rise Term. Cap</td>
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<td>Wall Thimble-Support/Box</td>
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<td>Cathedral/Ceiling-Support/Box</td>
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<td>3951</td>
<td>Brass Trim-Wall Thimble/Ceiling Support</td>
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<td>963</td>
<td>Firestop Spacer</td>
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<td>943S</td>
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<tr>
<td>953</td>
<td>Storm Collar</td>
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<tr>
<td>950</td>
<td>Vinyl Siding Standoff</td>
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<tr>
<td>988</td>
<td>Wall Strap</td>
</tr>
<tr>
<td>942</td>
<td>Wall Thimble</td>
</tr>
</tbody>
</table>

Parts not supplied by Dura-Vent
946-506/P Vent Guard (Optional)
640-530 Riser Vent Terminal (Optional)
948-128 Vinyl Siding Shield for Riser Vent Terminal
946-228 Horizontal Square Termination Cap

You will require the following components with your new Direct Vent Freestanding Gas Stove. Please review your product to make sure you have everything you need. In the event that you are missing any part, contact your dealer.

Note: These are the minimum pieces required. Other parts may be required for your particular installation. See above for a list of vent parts.

If installing termination on a siding covered wall, a vinyl siding standoff or furring strips can be used in order to ensure that the termination is not recessed into siding.

The vinyl siding standoff is required for walls with vinyl siding.

**Minimum components for a Dura-Vent Horizontal Installation:**

A) Dura-Vent Horizontal Termination Kit
B) Wall Thimble (required for combustible walls)

**Minimum components for a Dura-Vent Vertical Termination:**

D) Dura-Vent Vertical Termination Kit. See above for pipe lengths.

---

**HORIZONTAL INSTALLATIONS**

1) Set the unit in its desired location. Check to determine if wall studs are in the way when the venting system is attached. If this is the case, you may want to adjust the location of the unit.

2) Assemble the desired combination of pipe and elbow to the appliance adapter with pipe seams oriented down. Offset the pipe seams as double seams in one place will cause the outer pipe to take an oval shape. Kit comes complete with 18° of straight vent upsetdown. Offset the pipe seams as double seams in one place will cause the outer pipe to take an oval shape. Kit comes complete with 18° of straight vent -6/8" dia. black outer pipe and 4" dia. inner vent.

3) With the pipe attached to the stove, slide the stove into its correct location, and mark the wall for a 9-1/2" (inside dimensions) round hole. The center of the round hole should line up with the centerline of the horizontal pipe, as shown in diagram 1. Cut and frame the 9-1/2 round hole in the exterior wall where the vent will be terminated. If the wall being penetrated is constructed of non-combustible material, i.e. masonry block or concrete, a 7" diameter hole is acceptable.

---

**Note:**

a) The horizontal run of vent should have a 1/4 inch rise for every 1 foot of run towards the termination. Never allow the vent to run downward. This could cause high temperatures and may present the possibility of a fire.

b) The location of the horizontal vent termination on an exterior wall must meet all local and national building codes, and must not be blocked or obstructed. For External Vent Terminal Locations, see diagram on page 9.

c) Snorkel Terminations: For installations requiring a vertical rise on the exterior of the building, 14-inch and 36-inch tall Snorkel Terminations as shown in Dia. 2 are available, as well as the standard Riser Vent. Follow the same installation procedures as used for standard Horizontal Termination. NEVER install the snorkel upside down.

---

*Dia 2a & 2b: As specified in CGA B149 Installation Code. Local codes or regulations may require different clearances.*
Note: For Snorkel terminations in above grade installations, follow national or local code requirements.

Below Grade Snorkel Installation
If the Snorkel Termination must be installed below grade, i.e. basement application, proper drainage must be provided to prevent water from entering the Snorkel Termination. Refer to Dura-Vent Installation instructions for details. Do not attempt to enclose the Snorkel within the wall, or any other type of enclosure.

4) Install wall penetration heat shield in the center of the 9-1/2" round hole and attach with wood screws. The four wood screws provided should be replaced with appropriate fasteners for stucco, brick, concrete, or other types of sidings.

5) If installing termination on a siding covered wall, a vinyl siding standoff or furring strips must be used to ensure that the termination is not recessed into the siding.

6) Take the Riser Vent terminal and separate the Backing Plate from the Riser Vent Front by removing 8 screws as shown in diagram 4.

7) Install the Backing Plate into the wall penetration heat shield and attach using 4 screws. Dia. 4.

8) Connect all pipe sections to unit and install into wall:
   a) Measure pipe length required and cut to length. Hint: use the cut end of the 6-5/8" dia. outer pipe at the vent terminal end.
   b) Push the pipe sections completely together, the minimum pipe overlap is 1-1/4". Secure all outer pipe joints by using at least two screws. Locate the screws at the bottom of the pipe so that the screw heads are hidden on the final installation. Apply sealant "Mill-Pac" to inner pipe and high temp silicone sealant or "Mill-Pac" to outer pipe on every joint.

9) Back outside: Apply sealant to the 4" inner flue and slide the Riser Vent Front into the Backing Plate and fasten with 8 screws.

IMPORTANT: When connecting the pipe to the Riser Vent, apply Mill-Pac to the inner pipe and high temperature silicone sealant or "Mill-Pac" to outer pipe on every joint.

10) Seal around the outer edge of the Riser Vent Backing Plate.

Dura-Vent Vertical Termination

1) Maintain the 1-1/4" clearances (air spaces) to combustibles when passing through ceilings, walls, roofs, enclosures, attic rafter, or other nearby combustible surfaces. Do not pack air spaces with insulation. Check page 10 for the maximum vertical rise of the venting system and the maximum horizontal offset limitations.

2) Set the gas appliance in its desired location. Drop a plumb bob down from the ceiling to the position of the appliance flue exit, and mark the location where the vent will penetrate the ceiling. Drill a small hole at his point. Next, drop a plumb bob from the roof to the hole previously drilled in the ceiling, and mark the spot where the vent will penetrate the roof. Determine if ceiling joists, roof rafters or other framing will obstruct

Hampton H25 Direct Vent Freestanding Gas Stove
the venting system. You may wish to relocate the appliance or to offset, as shown in diagram 8 to avoid cutting load bearing members.

7) Ensure vent is vertical and secure the base of the flashing to the roof with roofing rails, slide storm collar over the pipe section and seal with a mastic.

8) Install the vertical termination cap by twist locking it.

Notes:

a) For multistorey vertical installations, a Ceiling Fire stop (Part # 963) is required at the second floor, and any subsequent floor. Diagram 12. The opening should be framed to 10 " x 10" inside dimensions, in the same manner as shown in diagram 9.

b) Any occupied areas above the first floor, including closets and storage spaces, through which the vertical vent passes, must be enclosed.

Diagram 10: The upper half of the flashing is installed under the roofing material and not nailed down until the chimney is installed. This allows for small adjustments.

Note: If an offset is necessary in the attic to avoid obstructions, it is important to support the vent pipe every 3 feet, to avoid excessive stress on the elbows, and possible separation. Wall straps are available for this purpose. See diagram 5.

Galvanized pipe and elbows may be utilized in the attic as well as above the roofline. The galvanized finish is desirable above the roofline due to its higher corrosion resistance.

Continue to add pipe sections through the flashing until the height of the vent cap meets the minimum height requirements specified in diagram 11 or local codes. Note that for steep roof pitches, the vertical height must be increased. A poor draft, or down drafting can result from high wind conditions near big trees or adjoining roof lines, in these cases, increasing the vent height may solve the problem.

Notes:

Diagram 8

3) To install the Round Support Box/Wall Thimble in a flat ceiling, cut a 10 inch square hole in the ceiling centred on the hole drilled in Step 2. Frame the hole as shown in diagram 9.

Diagram 9

4) Assemble the desired lengths of black pipe and elbows necessary to reach from the appliance adapter up though the Round Support Box. Insure that all pipes and elbow connections are in the fully twist-locked position and sealed.

Diagram 11

5) Cut a hole in the roof centred on the small drilled hole placed in the roof in Step 2. The hole should be of sufficient size to meet the minimum requirements for clearance to combustibles of 1-1/4". Slip the flashing under the shingles (shingles should overlap half the flashing) as per diagram 10.

6) Continue to assemble pipe lengths.

Diagram 12: The upper half of the flashing is installed under the roofing material and not nailed down until the chimney is installed. This allows for small adjustments.

Note: If an offset is necessary in the attic to avoid obstructions, it is important to support the vent pipe every 3 feet, to avoid excessive stress on the elbows, and possible separation. Wall straps are available for this purpose. See diagram 5.

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Notes:

a) For multistorey vertical installations, a Ceiling Fire stop (Part # 963) is required at the second floor, and any subsequent floor. Diagram 12. The opening should be framed to 10 " x 10" inside dimensions, in the same manner as shown in diagram 9.

b) Any occupied areas above the first floor, including closets and storage spaces, through which the vertical vent passes, must be enclosed.

### Roof Pitch and Minimum Vent Height

<table>
<thead>
<tr>
<th>Roof Pitch</th>
<th>Minimum Vent Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat to 7/12</td>
<td>2</td>
</tr>
<tr>
<td>Over 7/12 to 8/12</td>
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<tr>
<td>Over 8/12 to 9/12</td>
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</tr>
<tr>
<td>Over 9/12 to 10/12</td>
<td>2.5</td>
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<td>Over 10/12 to 11/12</td>
<td>3.25</td>
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<tr>
<td>Over 14/12 to 16/12</td>
<td>6</td>
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<tr>
<td>Over 16/12 to 18/12</td>
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<td>Over 18/12 to 20/12</td>
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</tr>
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CONVERTING A CLASS-A METAL CHIMNEY OR MASONRY CHIMNEY TO A DIRECT VENT SYSTEM

There are two different types of direct vent conversion systems listed below. Follow the appropriate directions for your installation.

A) Through an existing factory built metal chimney going through the ceiling: A typical conversion of this type is shown in diagram 1. The concept of direct vent conversion is to connect an adaptor to an Underwriters Laboratories (UL) listed 4 inch diameter aluminum flex pipe which is then passed down through the center of the existing metal chimney system. Three sizes of Top Adaptors are available from Simpson Dura-Vent. The Retro Connector (909B) is attached to the bottom of the flex pipe. The Top Adaptor and the Retro Connector are attached to the existing chimney with sheet metal screws. The appliance is then connected to the chimney with appropriate black direct vent pipe and an adjustable length section.

B) Through the wall of an existing masonry chimney: A typical conversion of an existing masonry chimney is shown in Diagram 6. A Top Adaptor (985K) and Flashing are used at the top of the masonry chimney. The 4 inch aluminum liner is connected to the adaptor and is passed down the chimney and out through the masonry wall and attached to the Retro Connector (909B). The Retro Connector is attached to the masonry wall and then connected to the direct vent pipe leading to the appliance.

Prior to installation and connection of the vent system to a factory-built or masonry chimney, the chimney must be inspected and thoroughly cleaned by a qualified service person, such as a certified chimney sweep or home inspection service.

The direct vent system must not be connected to a damaged factory-built or masonry chimney.

For factory built, zero clearance, and masonry chimneys cleanout doors and caps or plugs for cleanout tee fittings and ash dumps shall be secured in place and sealed before installing a Direct Vent system within the chimney.

If the appliance shuts off during operation, contact a qualified service person to determine if a negative pressure and/or leaky chimney condition exists. Do not operate the appliance until the problem is corrected.

**Converting a Factory Built Metal Chimney**

1) Remove the existing chimney cap.
2) Measure the distance from the top end of the chimney to the bottom of the ceiling support box, add 3" (76mm) to this measurement, and cut a section of the 4" flex pipe to that length (the flex should already be extended to its nominal length).
3) Connect the end of the flex pipe section to the underside of the Top Adaptor using 3 sheet metal screws. Diagram 2.
4) Pass the flex pipe down through the center of the chimney system, and center the adaptor on the top of the chimney pipe. Drill four 1/8" diameter holes through the adaptor and into the chimney top. Insure that you are in fact, drilling into the metal on the chimney. Twist-lock the Termination Cap (Part# 980 or 991) onto the Adaptor. (Diagram 3 and 4).
5) Pull the flex pipe down through the ceiling support box, until it protrudes approximately 3" (76mm). Connect the flex pipe to the Retro Connector by slipping it into the 4-3/4" diameter sleeve on the top side of the Connector. Use 3 sheet metal screws to assemble these two parts.
6) Push the flex pipe back up into the ceiling support box, center the Retro Connector, and attach it to the support box, or decorative sleeve for double wall solid packed pipe, with the sheet metal screws (supplied). The holes in the Retro Connector are pre-punched. Diagram 5.
7) The connection between the appliance and the Retro Connector may be completed with sections of black direct vent pipe, together with an adjustable length.
CATHEDRAL CEILINGS

Round Support (RDS) & Square Support (SQS)
If your home has a cathedral ceiling (no attic space between the ceiling and the roof), install the chimney and support as follows.

1) Situate the chimney in a convenient location as near as possible to the appliance outlet. Cut and frame a hole in the roof for the support. The sides of this hole must be vertical with 1 1/4" clearance.

2) Place the support in the opening. Lower it to the correct height as determined by the table and diagram below.

3) Use appropriate roof flashing. Place the flashing under the upper shingles and on top of the lower shingles approximately half of the flashing should be under the shingles.

4) Assemble the desired lengths of Black Pipe and Elbows necessary to reach from the appliance adapter up through the support box and flashing to proper height as per Dia. 12, local codes or page 13. Ensure that all pipe and elbow connections are in their fully twist lock position.

5) Ensure vent is vertical and secure flashing to the roof with roofing nails. Slide the storm collar over the pipe section and seal with a mastic.

6) Twist lock the vent cap on to the last section.

Support Extensions - Round (RDSE) or Square (SQSSE)
Steep pitched cathedral ceilings may require the use of a support extension. This piece fits down inside the support and can be adjusted to increase the support's length by up to 22". The extension is attached to the support using the eight metal screws provided. Be sure there is at least a 2 inch overlap where the extension joins the support.

Using a level, make sure the support is vertical. If the support extends above the roof, cut it flush with the top of the roof. Nail the support to the frame opening using (8) 3" spiral nails or #8 x 1-1/2" screws.

Note: If you are using a 6" square support you may find it difficult to screw it in place because it is fairly small inside.

Simpson Dura-Vent has provided angle brackets with this support which can be screwed to the outside of the support box and nailed to surrounding framing as required. Use a minimum of four #8 x 1/2" screws per bracket. In some cases these brackets may need to be trimmed (e.g.: to fit under a flashing). Place the Finish Collar around the support and fasten it to the ceiling using the screws provided.

HIGH ELEVATION

This unit is approved in Canada for altitude to 4500 ft. (CAN/CGA-2.17-M91). For Natural Gas installations above 4500 ft. follow current CAN/CGA-B149.1.

GAS CONNECTION
The gas connection is a 3/8" NPT 90° elbow. The gas line can be rigid pipe or to make installation easier, use a listed flexible connector and/or copper tubing if allowed by local codes. Since some municipalities have additional local codes it is always best to consult with your local authorities and the CAN/CGA B149 installation codes.

For USA installations follow local codes and/or the current National Fuel Gas Code, ANSI Z223.1.

When using copper or flex connectors use only approved fittings. Always provide a union so that gas lines can be easily disconnected for burner and/or valve servicing. Flare nuts for copper lines and flex connectors are usually considered to meet this requirement.

IMPORTANT: ALWAYS CHECK FOR GAS LEAKS WITH A SOAP AND WATER SOLUTION OR GAS LEAK DETECTOR. DO NOT USE OPEN FLAME FOR LEAK TESTING.

Note: Prior to any pressure testing of the gas supply piping system that exceeds test pressures of 1/2 psig, this appliance must be disconnected from the piping system. If test pressures equal to or less than 1/2 psig are used then this appliance must be isolated from the piping system by closing its individual manual shut-off valve during the testing.

SYSTEM DATA - H25

<table>
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<tr>
<th>Burner</th>
<th>Natural Gas</th>
<th>Propane</th>
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<tbody>
<tr>
<td>Max. Input Rating</td>
<td>25,000 Btu/h</td>
<td>23,000 Btu/h</td>
</tr>
<tr>
<td>Min. Input Rating</td>
<td>12,500 Btu/h</td>
<td>11,500 Btu/h</td>
</tr>
<tr>
<td>Supply Pressure</td>
<td>min. 5.0&quot; w.c.</td>
<td>min. 12.0&quot; w.c.</td>
</tr>
<tr>
<td>Manifold Pressure</td>
<td>Natural Gas 3.8&quot; +/- 0.2&quot; w.c.</td>
<td>Propane 11&quot; +/- 0.2&quot; w.c.</td>
</tr>
</tbody>
</table>

AERATION ADJUSTMENT

The burner aeration is factory set but may need adjusting due to either the local gas supply, air supply or altitude.

<table>
<thead>
<tr>
<th>Natural Gas</th>
<th>Propane</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-16&quot; (4.76 mm)</td>
<td>1/4&quot; (6.4 mm)</td>
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</table>

The aeration adjustment gears are located on the right side of the burner box. Remove the Hampton Logo plate on the right side of the unit to access the adjustment gears.
INSTALLATION

To adjust the aeration: use the allen key to turn the turning gear which will adjust the air shutter. Open the air shutter for a blue flame or close it for a more yellow flame. This adjustment is performed by a qualified installer. The factory setting should be sufficient for most installations.

Light the pilot and turn the valve to "ON" position. Read manometer.

The pressure check should be carried out with the unit burning and the setting should be within the limits specified on the safety label.

When finished reading manometer, turn off the gas valve, disconnect the hose and tighten the screw (clockwise) with a 1/8" flat screwdriver. **Note:** Screw should be snug, but do not over tighten.

Valve Description

1) Gas cock knob
2) Manual high/low adjustment
3) Pilot Adjustment
4) Thermocouple Connection
5) Main Operator
6) Outlet Pressure Tap (Manifold Pressure)
7) Inlet Pressure Tap (Supply Pressure)
8) Pilot Outlet
9) Main Gas Outlet
10) Flange Securing Screw Holes
11) Alternative TC Connection Point
12) Thermoelectric Unit
13) Additional Valve Mounting Hole

CONVERSION FROM NATURAL GAS TO PROPANE

**THIS CONVERSION MUST BE DONE BY A QUALIFIED GAS FITTER IF IN DOUBT DO NOT DO THIS CONVERSION!!**

Conversion Kit #431-969 Contains:

<table>
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<tr>
<th>Qty.</th>
<th>Part #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>910-018</td>
<td>SIT Conversion Kit-50% Turndown LP</td>
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<tr>
<td>1</td>
<td>910-037</td>
<td>LP Injector (Pilot Orifice)</td>
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<tr>
<td>1</td>
<td>904-163</td>
<td>Burner Orifice #54</td>
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<td>1</td>
<td>908-528</td>
<td>Red &quot;PROPANE&quot; label</td>
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<tr>
<td>1</td>
<td>908-255</td>
<td>Label &quot;Converted to Propane&quot;</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>Instruction Sheet</td>
</tr>
</tbody>
</table>

1) Shut off the gas supply.

2) Lift off the Cast Top and remove the glass front (see page 35) and carefully remove the logs and lava rock.

3) Remove burner by removing the 2 screws on each side and then lifting the burner tray out.

**Note:** Use a magnetic type screwdriver if possible.

4) Remove and discard the 3 pressure regulator mounting screws (A), pressure regulator tower (B) and diaphragm (C).

5) Insure that the rubber gasket (D) is properly positioned and install the new HI/LO pressure regulator assembly to the valve using the new screws (E) supplied with the kit. Tighten screws securely.

GAS PIPE PRESSURE TESTING

The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig. (3.45 kPa). Disconnect piping from valve at pressures over 1/2 psig.

The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point.

**Note:** To properly check gas pressure, both inlet and manifold pressures should be checked using the valve pressure ports on the valve.

1) Make sure the valve is in the "OFF" position.

2) Loosen the "IN" and/or "OUT" pressure tap(s), turning counterclockwise with a 1/8" wide flat screwdriver.

3) Attach manometer to "IN" and/or "OUT" pressure tap(s) using a 5/16" ID hose.
6) Pull off the pilot cap to expose the pilot orifice.

7) Unscrew the pilot orifice with the allen key and replace with the LP pilot orifice in the kit.

8) Remove burner orifice with a 1/2" wrench and discard. Use a wrench to hold on to the elbow behind the orifice.

9) Reinstall new burner orifice LP stamped #54 and tighten.

10) Reverse steps 3) to 2).

11) Attach the Conversion label "This unit has been converted to Propane" on top of the Serial # decal.

12) Replace yellow "Natural Gas" label with red "Propane" label

13) Check for gas leaks.

14) Check inlet and outlet pressures.

15) Check operation of flame control.

16) Check for proper flame appearance and glow on logs.

Installer Notice:
These instructions must be left with the appliance.
LOG SET INSTALLATION

Read the instructions below carefully and refer to the diagrams. If the logs are broken do not use the unit until they are replaced. Broken logs can interfere with the pilot operation.

The gas log kit contains the following:

a) Rear Log 902-299
b) Left Side Front Log 902-030
c) Right Side Front Log 902-031
d) Center Front Log 902-029
e) Embers 902-156

1) Shut off the gas supply.

2) Lift off the Cast Top and remove the Glass Front (see manual).

3) Carefully remove the logs from the box and unwrap them. The logs are fragile, handle with care - do not force into position.

4) Place the rear log on the 2 rear log locating pins on the rear of the burner with the flat side to the back.

5) Place the 2 front logs on the front log locating pins. Ensure the back of both logs rest against the tabs.

NOTE: This is a rear view.

The Front Right Log front edges should be placed parallel against the front edge of the burner.

NOTE: This is a rear view.

Left Front Log

Tabs

Right Front Log

Tabs

The Front Right Log front edges should be placed parallel against the front edge of the burner.

NOTE: This is a rear view.
6) Take the embers and place on the burner in the space between the 2 front logs. Do not put embers on the burner in the area between the front logs and the rear log. See photo below.

7) Place the center cross log on the locating pin in the top of the rear log and position as shown below.

Logs must be oriented as shown below.

8) Test fire to ensure proper light off (make sure flame flows smoothly from one end of burner to the other). If there is any flame hesitation, check that area for any blockage of the burner ports.

9) Re-install the Glass Front and Cast Top.
INSTALLATION

DECORATIVE DOOR GRILL INSTALLATION

1) Turn the Grill Latches on the Rear of the Door Grill as per the photo below.

2) Place the Door Grill into the Cast Front. Secure the Door Grill by turning the Grill Latches inward, between the glass and the Cast Front.

OPTIONAL WALL THERMOSTAT

A wall thermostat may be installed if desired. Connect the wires as per the wiring diagrams. Note that the wires are connected to the "TH" on the gas valve. Use table below to determine the maximum wire length:

3) Install 3 AAA alkaline batteries in transmitter and 4 AA alkaline batteries in the receiver. Install the receiver and its cover in the wall. Switch the remote receiver to "remote" mode. The remote control is now ready for operation.

OPTIONAL REMOTE CONTROL

Use the Hampton Remote Control Kit approved for this unit. Use of other systems may void your warranty.

The remote control kit comes with a hand held transmitter, a receiver and a wall mounting plate.

1) Choose a convenient location on the wall to install the receiver and the receptacle box (protection from extreme heat is very important). Run wires from the fireplace to that location, use Thermostat Wire Table.

2) Connect the wires as per the wiring diagram below.

Thermostat Wire Table

<table>
<thead>
<tr>
<th>Wire Size</th>
<th>Max. Length</th>
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</thead>
<tbody>
<tr>
<td>14 GA.</td>
<td>50 Ft.</td>
</tr>
<tr>
<td>16 GA.</td>
<td>32 Ft.</td>
</tr>
<tr>
<td>18 GA.</td>
<td>20 Ft.</td>
</tr>
<tr>
<td>20 GA.</td>
<td>12 Ft.</td>
</tr>
<tr>
<td>22 GA.</td>
<td>9 Ft.</td>
</tr>
</tbody>
</table>

CAUTION
Do not connect the millivolt wall thermostat wires to the 120V wires.

CAUTION
Do not connect the millivolt remote control wires to the 120V wires.

CAUTION
Do not connect the millivolt remote control wires to the 120V wires.

Hampton offers an optional programmable thermostat but any 250-750 millivolt rated non-anticipator type thermostat that is CSA, ULC or UL approved may be used.

Note: Preferable if the thermostat is installed on an interior wall.

Rear View of Decorative Door Grill

Turn the Grill Latches inward to secure the Door Grill.
**FINAL CHECK**

Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly. This includes:

1) Clocking the appliance to ensure the correct firing rate (rate noted on label) at 15 minutes.

2) If required, adjusting the primary air to ensure that the flame does not carbon. First allow the unit to burn for 15 min. to stabilize.

3) Check for proper draft.

**CAUTION**

Any alteration to the product that causes sooting or carboning that results in damage to the exterior facia is not the responsibility of the manufacturer.

**WIRING DIAGRAM - H25-NG & H25-LP**

If any of the original wires as supplied with the appliance must be replaced, it must be replaced with CSA type SEW (200°C) or its equivalent.

This heater does not require a 120V A.C. supply for operation. In case of a power failure, the burner switch and the optional remote control/thermostat will continue to operate. However, a 120V A.C. power supply is needed for the fan/blower operation.

**CAUTION**

Ensure that the wires do not touch any hot surfaces and are away from sharp edges.

**WARNING: Electrical Grounding Instructions**

This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.
**OPERATING INSTRUCTIONS**

1) Read and understand these instructions before operating this appliance.

2) Check to see that all wiring is correct and enclosed to prevent possible shock.

3) Check to ensure there are no gas leaks.

4) Make sure the glass in the door frame is properly positioned. Never operate the appliance with the glass removed. Never strike the glass.

5) Verify that the venting and cap are unobstructed.

6) Verify log placement. If the pilot cannot be seen when lighting the unit - the logs have been incorrectly positioned.

7) The unit should never be turned off, and on again without a minimum of a 60 second wait.

**ADJUSTING FLAME HEIGHT**

Your heater has an adjustable flame to tailor the look and heat output to your specific needs. It is adjusted by turning the flame adjustment dial on the gas control valve.

Turn clockwise to adjust the flame higher, counterclockwise for a lower flame.

**SHUTDOWN PROCEDURE**

1) Use the thermostat or remote control to turn off the main burner.

2) Turn the main gas control clockwise to the "OFF" position to turn off the pilot (push knob in slightly).

3) Turn off all electric power to appliance if service is to be performed.

**FIRST FIRE**

The FIRST FIRE in your stove is part of the paint curing process. To ensure that the paint is properly cured, it is recommended that you burn your fireplace for at least four (4) hours the first time you use it with the fan on. When first operated, the unit will release an odour caused by the curing of the paint and the burning off of any oils remaining from manufacturing. Smoke detectors in the house may go off at this time. Open a few windows to ventilate the room for a couple of hours. The glass may require cleaning.

**DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS STILL HOT!**

Note: When the glass is cold and the appliance is lit, it may cause condensation and fog the glass. This condensation is normal and will disappear in a few minutes as the glass heats up.

**DO NOT BURN THE APPLIANCE WITHOUT THE GLASS FRONT IN PLACE.**

During the first few fires, a white film may develop on the glass front as part of the curing process. The glass should be cleaned or the film will bake on and become very difficult to remove. Use a non-abrasive cleaner and NEVER clean the glass while it is hot.

**LIGHTING PROCEDURE**

**IMPORTANT**

To ignite or reignite the pilot, the door to the firebox must be opened.

Only when the pilot holds, without pressure being applied to the control knob, should the door to the firebox be closed. The unit must never be operated with the glass or door open.

**IMPORTANT:** Gas cock knob cannot be turned from "PILOT" to "OFF" unless it is partially depressed.

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Your heater has an adjustable flame to tailor the look and heat output to your specific needs. It is adjusted by turning the flame adjustment dial on the gas control valve.

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2) Turn the main gas control clockwise to the "OFF" position to turn off the pilot (push knob in slightly).

3) Turn off all electric power to appliance if service is to be performed.

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The FIRST FIRE in your stove is part of the paint curing process. To ensure that the paint is properly cured, it is recommended that you burn your fireplace for at least four (4) hours the first time you use it with the fan on. When first operated, the unit will release an odour caused by the curing of the paint and the burning off of any oils remaining from manufacturing. Smoke detectors in the house may go off at this time. Open a few windows to ventilate the room for a couple of hours. The glass may require cleaning.

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During the first few fires, a white film may develop on the glass front as part of the curing process. The glass should be cleaned or the film will bake on and become very difficult to remove. Use a non-abrasive cleaner and NEVER clean the glass while it is hot.

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Only when the pilot holds, without pressure being applied to the control knob, should the door to the firebox be closed. The unit must never be operated with the glass or door open.

**IMPORTANT:** Gas cock knob cannot be turned from "PILOT" to "OFF" unless it is partially depressed.
OPERATING INSTRUCTIONS

Copy of the Lighting Plate instructions

FOR YOUR SAFETY READ BEFORE LIGHTING

This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1, or Natural Gas and Propane Installation Codes, USA 61401, (Australia: AS2071, New Zealand: NZS 3261)

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or gas supplier.

A) This appliance has a pilot which must be lighted by hand, following the instructions below 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 electric switch, do not use any phone in your building
- Immediately call your gas supplier from a neighbors phone. Follow the gas 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. 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 this appliance if any part has been underwater. 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 underwater.

This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air.

CAUTION: Hot while in operation. Do not touch. Severe burns may result. Due to high surface temperatures keep children, clothing and furniture, gasoline and other liquids having flammable vapor away. Keep burner and control compartment clean. See Installation and operating instructions accompanying appliance.

LIGHTING INSTRUCTIONS

STOP! Read the safety information above on this label.

1) Push in gas control knob slightly and turn clockwise to "OFF". Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.

2) Wait five (5) minutes to clear out any gas. If you then smell gas STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.

3) Turn knob on gas control counterclockwise to "PILOT".

4) Push in control knob all the way and hold in. Immediately push black button on spark igniter until pilot lights. Continue to hold the control knob in for about 1/2 minute after the pilot is lit.

Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 3) and 4).

If knob does not pop up when released, stop and immediately call your service technician or gas supplier.

If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.

Turn gas control knob counterclockwise to "ON".

6) Use rocker switch to operate main burner.

PILOT BURNER
VENTILUSBVE
IMPERMEABLE ELEMENT
THERMOSTAT, ELECTRIQUE

OFF

TO TURN OFF GAS APPLIANCE

1) Push in the gas control knob slightly and turn clockwise to "OFF". Do not force.

2) Turn off all electric power to the appliance if service is to be performed.

You may shut off the pilot during prolonged non-use periods to conserve fuel.

DO NOT REMOVE THIS INSTRUCTION PLATE
NORMAL OPERATING SOUNDS OF GAS APPLIANCES

It is possible that you will hear some sounds from your gas appliance. This is perfectly normal due to the fact that there are various gauges and types of steel used within your appliance. Listed below are some examples. All are normal operating sounds and should not be considered as defects in your appliance.

Blower: Hampton gas appliances use high tech blowers to push heated air farther into the room. It is not unusual for the fan to make a “whirring” sound when ON. This sound will increase or decrease in volume depending on the speed setting of your fan speed control.

Burner Tray: The burner tray is positioned directly under the burner tube(s) and logs and is made of a different gauge material from the rest of the firebox and body. Therefore, the varying thicknesses of steel will expand and contract at slightly different rates which can cause “ticking” and “cracking” sounds. You should also be aware that as there are temperature changes within the unit these sounds will likely re-occur. Again, this is normal for steel fireboxes.

Blower Thermodisc: When this thermally activated switch turns ON it will create a small “clicking” sound. This is the switch contacts closing and is normal.

Pilot Flame: While the pilot flame is on it can make a very slight "whisper" sound.

Gas Control Valve: As the gas control valve turns ON and OFF, a dull clicking sound may be audible, this is normal operation of a gas regulator or valve.

Unit Body/Firebox: Different types and thicknesses of steel will expand and contract at different rates resulting in some "cracking" and "ticking" sounds will be heard throughout the cycling process.

1) Always turn off the valve before cleaning. For relighting, refer to lighting instructions. Keep the burner and control compartment clean by brushing and vacuuming at least once a year. When cleaning the logs, use a soft clean paint brush as the logs are fragile and easily damaged.

2) Clean glass (never when unit is hot), appliance, and door with a damp cloth. Never use an abrasive cleaner.

3) The heater is finished in a porcelain finish or with a heat resistant paint and should only be refinished with heat resistant paint (not with wall paint).

   Never use an abrasive cleaner on the porcelain finish as it may scratch the surface.

4) Make a periodic check of burner for proper position and condition. Visually check the flame of the burner periodically, making sure the flames are steady; not lifting or floating. If there is a problem, call a qualified service person.

5) Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

6) The appliance and venting system must 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.

   During the annual service call, the burner should be removed from the burner tray and cleaned. Replace the embers but do not block the pilot.

7) Keep the area near the appliance clean and free from combustible materials, gasoline, and other flammable vapours and liquids.

WARNING: CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURE 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.

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 CONTROL SYSTEM AND ANY GAS CONTROL WHICH HAS BEEN UNDER WATER.

MAINTENANCE INSTRUCTIONS
GENERAL VENT MAINTENANCE

Conduct an inspection of the venting system semi-annually. Recommended areas to inspect as follows:

1) Check the Venting System for corrosion in areas that are exposed to the elements. These will appear as rust spots or streaks, and in extreme cases, holes. These components should be replaced immediately.

2) Remove the Cap, and shine a flashlight down the Vent. Remove any bird nests, or other foreign material.

3) Check for evidences of excessive condensation, such as water droplets forming in the inner liner, and subsequently dripping out the joints. Continuous condensation can cause corrosion of caps, pipe, and fittings. It may be caused by having excessive lateral runs, too many elbows, and exterior portions of the system being exposed to cold weather.

4) Inspect joints, to verify that no pipe sections or fittings have been disturbed, and consequently loosened. Also check mechanical supports such as Wall Straps, or plumbers’ tape for rigidity.

5) Verify proper operation after servicing.

LOG REPLACEMENT

The unit should never be used with broken logs. Turn off the gas valve and allow the unit to cool before opening door to carefully remove the logs. The pilot light generates enough heat to burn someone. If for any reason a log should need replacement, you must use the proper replacement log. The position of these logs must be as shown in the diagram under Log Installation.

Note: Improper positioning of logs may create carbon build-up and will alter the unit’s performance which is not covered under warranty.

GLASS REPLACEMENT

Your stove is supplied with high temperature, 5 mm Neoceram ceramic glass that will withstand the highest heat that your unit will produce. In the event that you break your glass by impact, purchase your replacement door from an authorized Hampton dealer only, and follow our step-by-step instructions for replacement.

WARNING: Do not operate appliance with glass panel removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person.

Note: Wearing gloves will protect your hands while handling glass.

FAN MAINTENANCE

If your fan requires maintenance or replacement, access to the fan is through the rear access panel on the back of the stove. NOTE: the unit MUST NOT be operated without the fan access panel securely in place and correctly sealed.

IMPORTANT: These fans collect a lot of dust from within your home. Ensure you maintain these fan motors on a regular basis by vacuuming out the fan squirrel cages, around the motor, and around the grills on the back of the stove.

WARNING: Electrical Grounding Instructions
This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

IMPORTANT
Disconnect power supply before servicing

To remove fan:

1) Unplug or disconnect power source to stove.

2) Remove the rear access panel on the back of the stove by removing the 2 screws under the rear panel, then lift off the 2 screws at the top. Take care not to cut wires when lowering the panel.

3) Lift the Glass Front Assembly up.

4) Remove the glass and replace with the new glass.

5) Replace the door and Cast Top.

Replacement Part # 946-327 Glass

WARNING: Do not operate appliance with glass panel removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person.

Note: Wearing gloves will protect your hands while handling glass.
MAINTENANCE

3) Unclip the black and white wires from the fan motor.
4) Remove the 2 bolts holding the fan to the rear base. Disconnect the green ground wire from the right side of the fan as soon as you can reach it.

Replacing the Fan:
Reverse the above steps (1 - 4). Make sure the fan wires and the ground wire are reattached.

REMOVING VALVE

If your valve requires maintenance or replacement, use the following instructions:

Note: Always close off the gas supply before removing the valve.

1) If optional fan is installed, disconnect power source to stove.
2) Remove access panel.
3) Disconnect gas line to stove.
4) Disconnect 3/8" NPT pipe from 90° elbow on valve or flex connector.
5) Disconnect the two (2) switch wires from valve.
6) Disconnect piezo wire.
7) Lift off the Cast Top and lift out the front door.
8) Carefully remove the logs and embers.
9) Remove burner by removing the 2 screws on each side and then lifting the burner tray out.
10) Remove all 6 screws holding the burner tray assembly in place.
11) Carefully lift the burner tray assembly out.
12) To remove the valve, remove the 4 screws (2 per bracket) that hold the valve to the valve bracket assembly.
13) To replace the burner tray assembly, simply reverse these instructions.

To remove valve from valve assembly, continue.

14) Remove two (2) thermopile wires.
15) Remove thermocouple with a 9 mm (metric) wrench.
16) Remove pilot nut with an 11 mm wrench.
17) Remove valve to orifice nut with a 13/16" wrench.
18) Remove inlet pipe with pipe wrench. Note orientation of 90° elbow.
19) Remove two (2) phillips head M5 screws on each side of the valve.
20) Remove valve and remove gas out 90° brass fitting. Note orientation of fitting.

INSTALLING VALVE ASSEMBLY

1) To install a new valve assembly, reverse instructions for removing valve. See assembly steps 1-12.
2) Check for leaks and manifold pressure. See Gas Pressure Test instructions.
3) To reinstall valve, reverse instructions for removing valve assembly, steps 13-19.
## MAIN ASSEMBLY

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<tr>
<th>Part #</th>
<th>Description</th>
<th>Part #</th>
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<th>Part #</th>
<th>Description</th>
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<td>942-421** Casting - Top</td>
<td>50)</td>
<td>W260260 Top Relief Frame Gasket</td>
<td>137)</td>
<td>* Hole Plug 0.375</td>
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<td>3)</td>
<td>942-381** Casting - Leg</td>
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<td>942-117 Top Relief Frame</td>
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<td>W842051 Gasket for Flue Adaptor</td>
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## BURNER & LOG ASSEMBLY

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<td>71)</td>
<td>260-042</td>
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<td>73)</td>
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<tr>
<td>431-969</td>
<td>Conversion Kit from Natural Gas to Propane</td>
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</table>

*Note: Not available as a replacement part.
Hampton Fireplace Products are designed with reliability and simplicity in mind. In addition, our internal Quality Assurance Team carefully inspects each unit thoroughly before it leaves our facility. FPI Fireplaces Products International Ltd. is pleased to extend this limited lifetime warranty to the original purchaser of a Waterford Product. This warranty is not transferable.

The Warranty: Limited Lifetime

External casting, not directly in contact with the fire, such as hobs, sides, ash lips, legs, fronts and fire doors, are covered against cracks and warps resulting from manufacturer defects, parts and subsidized labour* for three (3) years from the date of purchase and parts only thereafter.

The combustion chamber, heat exchanger, burner tubes/pans and logs are covered under the Limited Lifetime Warranty for five (5) years for parts and subsidized labour* and parts only thereafter.

Glass is covered for lifetime against thermal breakage only, parts and subsidized labour* for five (5) years and parts only thereafter from date of purchase.

Electrical and mechanical components such as blowers, switches, wiring, thermodiscs, FPI remote controls, spill switches, thermopiles, thermocouples, pilot assembly components, and gas valves are covered for one year parts and subsidized labour* from the date of purchase. Blowers and valves replaced under warranty are considered repairs and continue as if new with appliance. i.e. twelve (12) months from original purchase date of appliance with a minimum of three (3) months coverage from date of replacement.

FPI venting components are covered parts and subsidized labour* for three (3) years from date of purchase.

Simpson Dura-Vent venting components are covered by Simpson Dura-Vent Inc. warranty.

Conditions:

Porcelain/Enamel - Absolute perfection is neither guaranteed nor commercially possible. Any chips must be reported and inspected by an authorized dealer within three days of installation. Reported damage after this time will be subject to rejection.

Any part or parts of this unit which in our judgement show evidence of such defects will be repaired or replaced at FPI’s option, through an accredited distributor or agent provided that the defective part be returned to the distributor or agent Transportation Prepaid, if requested.

It is the general practice of FPI to charge for larger, higher priced replacement parts and issue credit once the replaced component has been returned to FPI and evaluated for manufacturer defect.

The authorized selling dealer is responsible for all in-field service work carried out on your Waterford product. FPI will not be liable for results or costs of workmanship from unauthorized service persons or dealers.

At all times FPI reserves the right to inspect product in the field which is claimed to be defective.

All claims must be submitted to FPI by authorized selling dealers. It is essential that all submitted claims provide all of the necessary information including customer name, purchase date, serial #, type of unit, problem, and part or parts requested, without this information the warranty will be invalid.

Exclusions:

This limited Lifetime Warranty does not extend to or include paint (charcoal units), porcelain (including pinholes, scratches and minor shade mismatch), door or glass gasketing or trim.

At no time will FPI be liable for any consequential damages which exceed the purchase price of the unit. FPI has no obligation to enhance or modify any unit once manufactured. i.e. as products evolve, field modifications or upgrades will not be performed.

FPI will not be liable for travel costs for service work.

Installation and environmental problems are not the responsibility of the manufacturer and therefore are not covered under the terms of this warranty policy.

Embers, door and glass, gaskets, door handles, paint are not covered under the terms of this warranty policy.

Any unit which shows signs of neglect or misuse is not covered under the terms of this warranty policy.

The warranty will not extend to any part which has been tampered with or altered in any way, or in our judgment has been subject to misuse, improper installation, negligence or accident, spillage or downdrafts caused by environmental or geographical conditions, inadequate ventilation, excessive offsets, negative air pressure caused by mechanical systems such as furnaces, fans, clothes dryer, etc.

Freight damage to stoves and replacement parts is not covered by warranty and is subject to a claim against the freight carrier by the dealer.

FPI will not be liable for acts of God, or acts of terrorism, which cause malfunction of the appliance.

Performance problems due to operator error will not be covered by this warranty policy.

Products made or provided by other manufacturers and used in conjunction with the operation of this appliance without prior authorization from Waterford, may nullify your warranty on this product.

Any alteration to the unit which causes sooting or carboning that results in damage to the interior / exterior facia is not the responsibility of FPI.

* Subsidy according to job scale as predetermined by FPI.
Hampton fireplace products are designed with reliability and simplicity in mind. In addition, our internal Quality Assurance Team carefully inspects each unit thoroughly before it leaves our door.

FPI Fireplace Products International Ltd. is pleased to extend this Limited Lifetime Warranty to the original purchaser of a Hampton Product.

See the inside back cover for details.

Register your Hampton online at http://www.hampton-fire.com

Installer: Please complete the following information

Dealer Name & Address: __________________________________________________________

Installer: _________________________________________________________________

Phone #: _________________________________________________________________

Date Installed: ____________________________________________________________

Serial No.: _______________________________________________________________