OWNER'S MANUAL
Model 206 Fireside Franklin Gas Fireplace

CERTIFIED TO AMERICAN NATIONAL STANDARD Z21.88-2017, Vented Gas Fireplace AND APPLICABLE PORTIONS OF UL307b

⚠ DANGER!

HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL COOLED.

NEVER ALLOW CHILDREN TO TOUCH GLASS.

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.

This appliance may be installed in an aftermarket, permanently located, manufactured home (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.

INSTALLER: Leave this manual with the appliance.

CONSUMER: Retain this manual for future reference.

TESTED AND LISTED BY

PFS® US

⚠ WARNING!:

FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death, or property damage

— **Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.**

— **WHAT TO DO IF YOU SMELL GAS**

- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

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

Woodstock Soapstone Co. Inc
66 AIRPARK ROAD · W. LEBANON · NEW HAMPSHIRE · 03784

66 Airpark Road, West Lebanon, NH 03784 Tel: 800-866-4344
email: info@gasstove.com Fax: 603-298-5958

REV. 6 (19/05)

The installation of the Franklin Gas Fireplace must conform with local codes, or in the absence of local codes, with the National Fuel Gas Code, ANSI Z233.1/NFPA 54.

The Franklin Gas Fireplace must be vented with approved "direct-vent" pipe. Direct-Vent pipe has two concentric passageways which draw outside air in for combustion, and let exhaust gasses out.

Installation or replacement of gas piping, the gas Fireplace, and repair or servicing of equipment shall be performed only by a qualified agency. The term "qualified agency" means any individual, firm, corporation, or company that either in person or through a representative is engaged in and is responsible for (a) installation or replacement of gas piping or (b) the connection, installation, repair or servicing of gas utilization equipment, who is experienced in such work, familiar
with all precautions required, and has complied with all the requirements of the authority having jurisdiction.

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

The Franklin Gas Fireplace and its main gas supply valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5 kPa).

The Franklin Gas Fireplace must be isolated from the gas supply piping system by closing its equipment shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

An inlet pressure test point is provided on the gas control valve, immediately upstream of the gas supply connection to the Fireplace. An outlet pressure test point is also provided.

The Franklin Gas Fireplace, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the *National Electrical Code, ANSI/NFPA 70*.

SAFETY PRECAUTIONS

- **This appliance is only for use with the type of gas indicated on the rating plate. This appliance may not be converted to use with other gasses unless a certified kit is used.**
- **This appliance is designed to burn either natural gas or propane. Do not attempt to burn wood, trash, or any other material in this appliance.**
- **This appliance may not be connected to a chimney serving a separate solid-fuel burning appliance.**

- **Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.**
- **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. Toddlers, young children, and others may be susceptible to accidental contact burns. A physical barrier is recommended if there are at-risk individuals in the house. To restrict access to a fireplace or stove, install an adjustable safety gate to keep toddlers, young children, and other at-risk individuals out of the room and away from hot surfaces.**
- **A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other individuals at risk.**
- **Clothing or other flammable material should not be placed on or near the appliance.**
- **The appliance area must be kept clear and free from combustible materials, gasoline, and other flammable vapors and liquids.**
- **WARNING: Do not operate appliance with the glass front removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person.**
- **The flow of combustion and ventilation air must not be obstructed.**

- **Any safety screen or guard removed for servicing an appliance should be replaced prior to operating 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 the control system and gas control which has been under water.**
- **CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.**
- **Verify proper operation after servicing.**

TO THE INSTALLING TECHNICIAN:

First, thank you from all of us at Woodstock Soapstone Co. for installing this Franklin Fireplace for one of our customers. If you have any questions about installation, please call us at 800-866-4344. Technical Support will be available from 9:00AM to 5:00PM Eastern Time, Monday through Saturday. At any other time, you may leave a message with our answering service with your phone number and the best time to call, and we will return your call during the next business day.

Please also take the time to go through the Warranty Checklist with the owner. This will validate the warranty, assure us and the owner that the installation was performed to local and national codes, and help familiarize the owner with the safe operation of this gas Fireplace.

Installation must conform to these instructions and local codes or, in the absence of local codes, with the current National Fuel Gas Code ANSI Z233.1/NFPA 54.

We at Woodstock Soapstone Company are proud to manufacture top quality hearth products. When you install this Fireplace, we ask that you maintain our tradition of conscientious effort to make our customers happy with our product and service.

Sincerely,

The Technical Support Staff
Woodstock Soapstone Co., Inc.

QUESTIONS:

800-866-4344

9:00 AM to 5:00 PM

Eastern Time

Monday – Saturday

WARNING: This unit must be installed by a qualified gas technician in accordance with local codes or in the absence of local codes, with the most current edition of the National Fuel Gas Code ANSI Z223.1/NFPA 54.

TABLE OF CONTENTS

NOTE: Diagrams include optional 90° elbow.

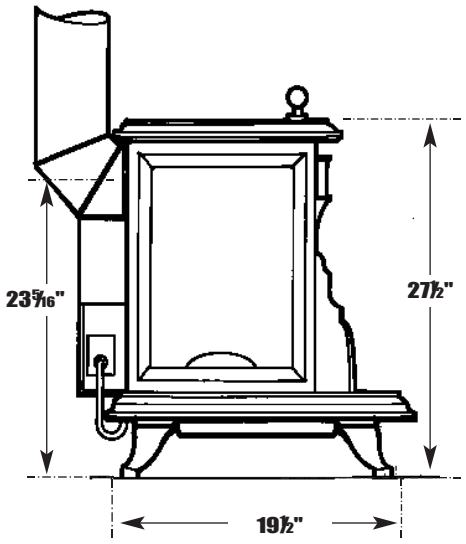


Illustration 2.1 *Side View.*

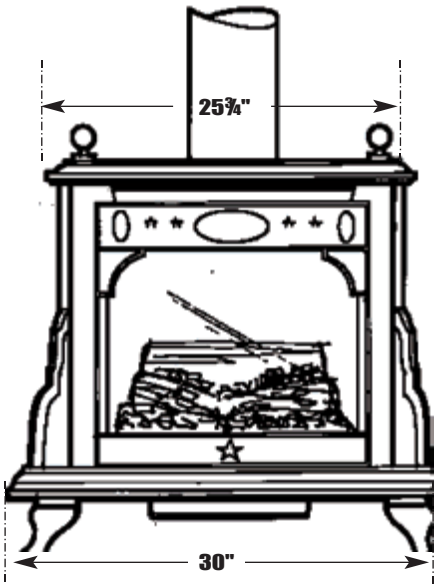


Illustration 2.2 *Front View.*

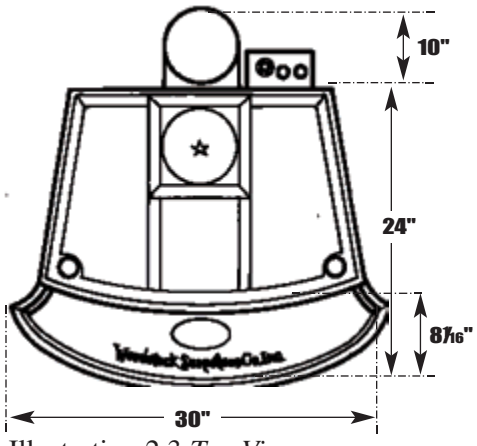


Illustration 2.3 *Top View.*

1. CODE APPROVALS • Direct Vent • Natural Gas • LPG

The Woodstock Franklin Gas Fireplace is listed as a direct vent appliance. This type of appliance draws all of its air for combustion from outside of the dwelling through specially designed pipe. It is available in natural gas or LPG (liquid propane gas) versions.

Tested to: American National Standard ANSI Z21.88b-2017 and applicable portions of UL3076.

2. SPECIFICATIONS

For The Woodstock Franklin Gas Fireplace:

Fuel .....Liquefied Petroleum Gas (LPG)
.....Natural Gas (NG)

Manifold Pressure, LPG.....10.0" w.c.
Manifold Pressure, NG. .....3.5" w.c.

Minimum inlet supply pressure for input adjustment LPG.....11.0" w.c.
Minimum inlet supply pressure for input adjustment NG .....5.0" w.c.

Maximum inlet supply pressure LPG .....13.0" w.c.

Maximum inlet supply pressure NG .....11.0" w.c.

Input, Btu/Hr (0 – 2,000 ft.)
LPG Max. 33,883
Min. 26,511
NG Max. 34,314
Min. 22,523

Output, Btu/Hr
LPG Max. 26,280
Min. 20,561
NG Max. 25,876
Min. 16,985

Orifice size, LPG
Sea level to 3000' .....#51
3001' to 7000' .....#53
7001' or more .....#54

Orifice size: NG
Sea level to 2000' .....#36
2001' to 3000' .....#37
3001' to 4000' .....#38
4001' to 5000' .....#39
5001' to 6000' .....#40
6001' to 7000' .....#41
7001' to 8000' .....#42
8001' or more .....#43

AFUE: (Annual Fuel Utilization Efficiency) .....(71% minimum)

Glass Panel .....High temperature ceramic glass

Weight, Fireplace only.....385 lbs.
shipping .....450 lbs.

Ignition .....Standing pilot with Piezo ignition

Hearth: The hearth immediately under the Fireplace should be constructed of non-combustible material - ceramic tile (not vinyl), stone, or metal. Protect carpet or any combustible surface with a hearth that covers an area equal to the full width and depth of the Fireplace (24" x 30") or greater.

Clearance to combustible materials

Front	30"
Sides	8"
Rear of Fireplace	10"
Corners	2"
Rear of 90 Degree Elbow	2"

3. TOOLS NEEDED TO INSTALL THE FIREPLACE

- Multi-meter
- Manometer
- Gas sniffer
- Open end wrenches 1/2 inch and 7/16 inch or adjustable end wrenches
- Window Clip Tool
- Phillips Screwdriver
- Drill

4. APPROVED VENTING/CHIMNEY MATERIALS

The venting/chimney system for your Franklin Gas Fireplace must be constructed of Simpson Dura-Vent 4" x 6⅝" direct vent gas pipe. All approved direct vent components bring fresh air into the Fireplace and vent exhaust gasses at the same time (see illustration 4.1).

THIS APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE

Approved venting materials are available from Simpson Dura-Vent Dealers or direct from Woodstock Soapstone Company. Approved components are listed below.

Description	Dura-Vent No. Galvanized	Black
Standard Direct Vent Kit consists of:		
2 6⅝" x 2' Straight Pipe OR	46DVA-24	46DVA-24B
1 6⅝" x 6" Straight Pipe	46DVA-06	46DVA-06B
1 8½" Pipe Extension	46DVA-08A	46DVA-08AB
2 6⅝" x 90 Degree Elbow	46DVA-E90	46DVA-E90B
1 6⅝" Wall Thimble	46DVA-WT	*
1 6⅝" Wall Thimble Cover		46DVA-DC
1 6⅝" Sq. Horizontal Termination	46DVA-HC	*

* *Galvanized Only*

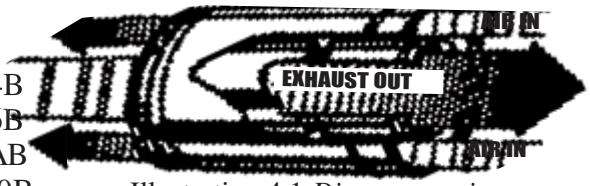


Illustration 4.1 *Direct-vent pipe sends exhaust out and brings air in at the same time.*

Other Available Pipe:

Description	Galvanized	Black
6⅝" x 6" Straight Pipe	46DVA-06	46DVA-06B
6⅝" x 9" Straight Pipe	46DVA-09	46DVA-09B
6⅝" x 12" Straight Pipe	46DVA-12	46DVA-12B
6⅝" x 18" Straight Pipe	46DVA-18	46DVA-18B
6⅝" x 24" Straight Pipe	46DVA-24	46DVA-24B
6⅝" x 36" Straight Pipe	46DVA-36	46DVA-36B

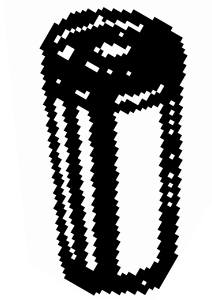


Illustration 4.2 *All approved Simpson Dura-Vent Pipe has an inside passage to vent exhaust gasses, and an outside passage used to bring in fresh air for combustion.*

6⅝" x 48" Straight Pipe	46DVA-48	46DVA-48B
6⅝" x 8.5" Pipe Ext.(3-7")	46DVA-08A	46DVA-08AB
6⅝" x 16" Pipe Ext. (3-14.5")	46DVA-16A	46DVA-16AB
6⅝" x 45 Degree Elbow	46DVA-E45	46DVA-E45B
6⅝" x 90 Degree Elbow	46DVA-E90	46DVA-E90B
6⅝" x 30 Degree Adj. Elbow	46DVA-E30	*
6⅝" x 60 Degree Adj. Elbow	46DVA-E60	*
Sq. Horizontal Termination Cap	46DVA-HC	*
48" Snorkel Termination Cap	FF/CF-SNK	*
Vinyl Siding Standoff	46DVA-VSS	*
6⅝" Wall Thimble	46DVA-WT	*
Wall Thimble Cover		46DVA-DC
Cathedral Ceiling Support Box		46DVA-CS
Restrictor Disc (top vent)	46DVA-RD	*
Storm Collar	46DVA-SC	*
Adj Roof Flashing (0/12-6/12 pitch)	46DVA-F6	*
Adj Roof Flashing (7/12-12/12 steep pitch)	46DVA-F12	*
High Wind Vertical Termination Cap	46DVA-VCH	*
ExtendedVertical Termination Cap	46DVA-VCE	*
3" x 35' Flex Extension	2280	*
4" x 35' Flex Extension	2281	*
Masonry Chimney Conversion Kit	46DVA-KMC	
Chimney Conversion Kit A	46DVA-KCA	
Chimney Conversion Kit B	46DVA-KCB	
Chimney Conversion Kit C	46DVA-KCC	

* *Galvanized Only*

5. APPROVED CLEARANCES FOR INSIDE LOCATIONS

WARNING: Due to high temperatures, the Franklin Gas Fireplace should be placed out of traffic and away from furniture, draperies and other combustibles.

CLEARANCES TO COMBUSTIBLE MATERIALS

Front	30"
Sides	8"
Rear of Fireplace	10"
Corners	2"
Rear of 90 Degree Elbow	2"

WARNING: This unit must be installed by a qualified gas technician in accordance with local codes or in the absence of local codes, with the most current edition of the National Fuel Gas Code ANSI Z223.1/NFPA 54.

The Franklin Gas Fireplace is approved for venting in five configurations:

(1) Up vertically as much as 20' and then elbow through an outside wall with a maximum horizontal run of 4'.

(2) Straight out the back through an outside wall and into a snorkel termination cap (maximum 4' horizontal run, with 1/4" rise per foot of run).

(3) Up vertically through the roof, with maximum rise of 24'.

(4) Into an existing fireplace and chimney (maximum height of 24').

(5) Into an existing masonry or prefabricated metal chimney (maximum height of 24').

NOTE: Details for these five configurations start on page 6.

Clearances inside the house for these three basic installations are indicated in the illustrations which follow.

The surface of the Franklin Gas Fireplace is hot when the appliance is in use. A safe installation requires that there be adequate clearances between the Franklin Gas Fireplace and nearby combustible materials, so that the combustible materials are not overheated. The diagrams that follow show minimum distances between the Fireplace, Exhaust Pipe and nearby combustible materials.

Clearance Requirements

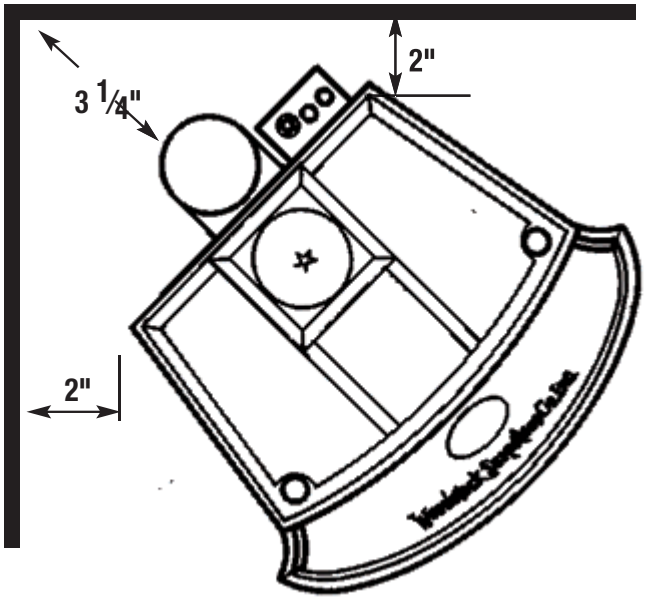


Illustration 5.1 *Minimum Clearances: Corner Installation*

A Corner Installation

Minimum Clearances

Min. Clearance from corners to both side walls .....2"

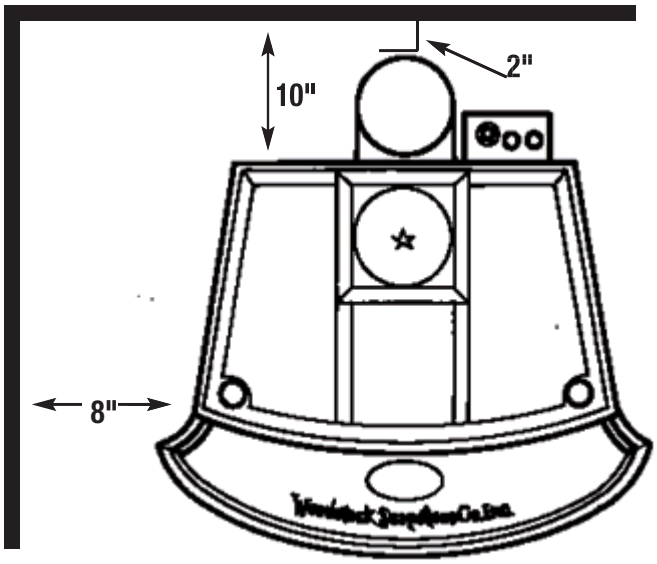


Illustration 5.2 *Minimum Clearances: Parallel Installation*

B Parallel Installation

Minimum Clearances

Min. Clearance from back of pipe to wall .....2"

Min. Clearance from back of stove to wall .....10"

Min. Clearance from Fireplace to side wall (if applicable) .....8"

C Alcove Installation

The Franklin Gas Fireplace is approved for installation in an alcove constructed of combustible materials.

Minimum Clearances for Alcove Installation

Min. Clearance from back of pipe to wall .....2"

Min. Clearance from back of stove to wall.....10"

Min. Clearance from Fireplace to side walls .....8"

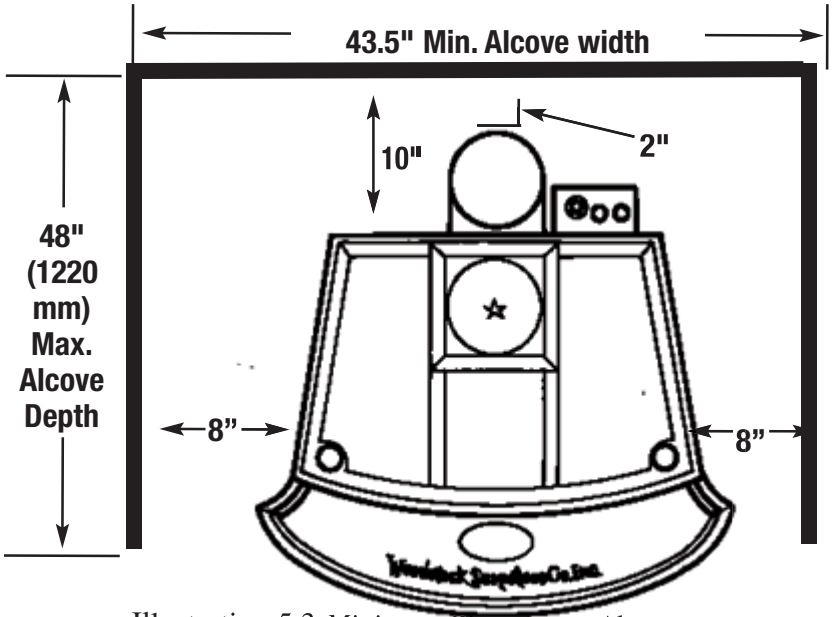


Illustration 5.3 *Minimum Clearances: Alcove Installation*

Minimum Clearances to Ceilings in Alcove Installation
Min. Clearance from top of pipe to ceiling/mantle .....6"

Combustible Ceiling in Alcove Installation

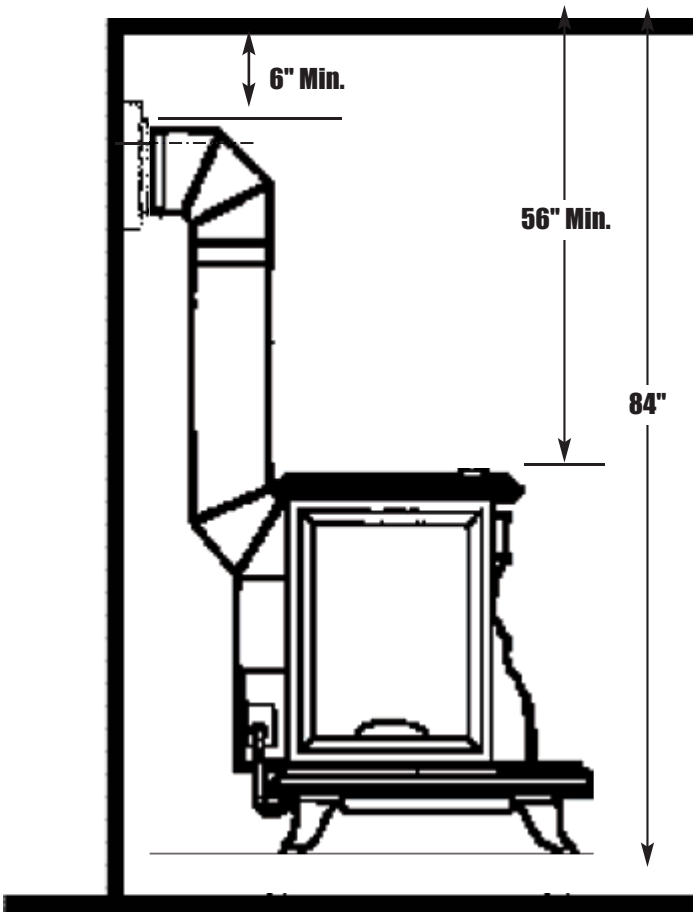


Illustration 5.4 *Minimum Clearances to Ceiling in Alcove Installation*

6. APPROVED VENTING/CHIMNEY CONFIGURATIONS

CLEARANCES FOR VENT TERMINAL

Clearances for vent terminal locations are indicated in the diagram and chart on page 12.

Refer to the manufacturers instructions regarding installation of your venting system through walls or ceilings. Use only Simpson Dura-Vent GS Direct-Vent Flue Systems.

The Franklin Gas Fireplace is designed to be installed in the following configurations:

A. Side Wall Venting

In this venting configuration, the pipe rises directly from the back of the Fireplace. The exhaust travels up, through two elbows, and out through a side wall.

MINIMUM AND MAXIMUM DISTANCES

- Minimum rise .....3 feet
- Maximum rise .....20 feet
- Maximum run.....4 feet
- Maximum linear distance.....24 feet
- Minimum rise to run ratio 2:1
  (NOTE: for example, a 3' run requires at least a 6' rise; a 2' run requires at least a 4' rise, and so on)
- Wall Opening:

  Masonry wall..... .....7" opening

  Non-masonry wall.....framed to 10" x 10"

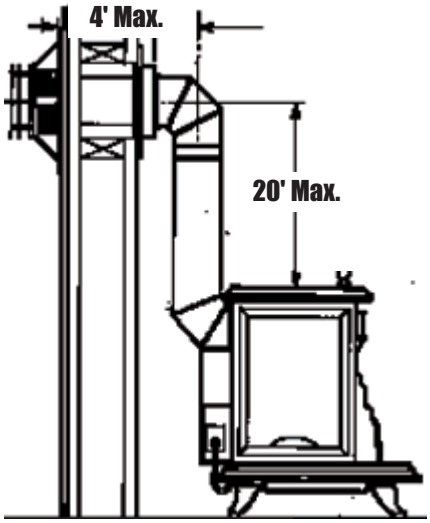


Illustration 6.1

Refer to Simpson Dura-Vent instruction regarding installation of your Direct-Vent System.

Please note the following considerations for the location of the vent terminal:

1. The horizontal run must rise a minimum of 1/4" per foot of run toward the vent termination.
2. The termination must not be recessed into the the exterior wall or siding.
3. Clearances must be maintained around the vent termination . See illustrations on page 12.
4. Vinyl Siding requires protection from vented heat above the termination. Use Simpson Dura-vent Vinyl Siding Heat Shield Kit, part #46DVA-VSS.

ALL VENT CLEARANCES MUST BE MAINTAINED. CHECK YOUR VENT CLEARANCES AGAINST THE ILLUSTRATIONS ON PAGE 12.

The venting should be located so that people cannot be burned by accidentally touching hot vent surfaces while the Fireplace is in operation.

The vent termination must be placed so that it cannot be damaged by automobile doors, lawnmowers or yard equipment, or falling ice and snow.

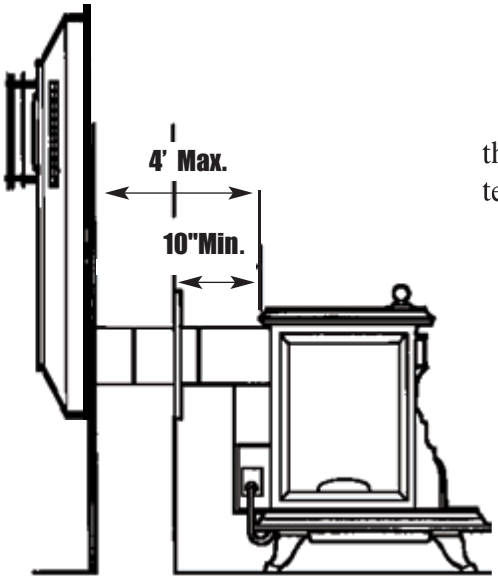


Illustration 6.2

B. Side Wall Venting (straight back through wall)

In this venting configuration, the pipe runs directly out the back of the Fireplace, through an outside wall and then up with a snorkel termination cap. See illustration at left.

MINIMUM AND MAXIMUM DISTANCES

- Maximum run .....4 feet
- Minimum rise .....2 feet
- Minimum Distance between the inside wall and the back of Fireplace .....10"
- Wall Opening:

  Masonry wall .....7" opening

  Non-masonry wall .....framed to 10" x 10"

Refer to the Simpson Dura-Vent instructions regarding installation of your Direct-Vent system.

Please note the following considerations for the location of the vent terminal:

1. The horizontal run must rise a minimum of 1/4" per foot of run toward the vent termination.
2. Clearances must be maintained around the vent termination . See illustrations on page 12.
3. The termination must not be recessed into the the exterior wall or siding.

ALL VENT CLEARANCES MUST BE MAINTAINED. CHECK YOUR VENT CLEARANCES AGAINST THE ILLUSTRATIONS ON PAGE 12.

The venting should be located so that people cannot be burned by accidentally touching hot vent surfaces while the Fireplace is in operation.

The vent termination must be placed so that it cannot be damaged by automobile doors, lawnmowers or yard equipment, or falling ice and snow.

C. Vertical Venting (straight up through roof)

In this venting configuration, the pipe rises directly from Fireplace and goes up through the roof, terminating above the roof without the addition of more elbows. See illustration 6.3.

MINIMUM AND MAXIMUM DISTANCES

- Maximum vertical rise (1 elbow) .....24'
  Note: Each additional elbow reduces the maximum rise by 3 feet.
- Optional ...1 1/2" restrictor ring at the elbow in the Fireplace

Height of termination above roof must conform to chart below

Roof Pitch	A Minimum height from roof to lowest discharge opening
Flat to 6/12	1.0 feet
6/12 to 8/12	2.0 feet
8/12 to 10/12	3.0 feet
10/12 to 12/12	4.0 feet

Refer to the Simpson-Dura Vent instructions regarding installation of your Direct-Vent system.

ALL VENT CLEARANCES MUST BE MAINTAINED. CHECK YOUR VENT CLEARANCES AGAINST THE ILLUSTRATIONS AT RIGHT, AND CHART ABOVE.

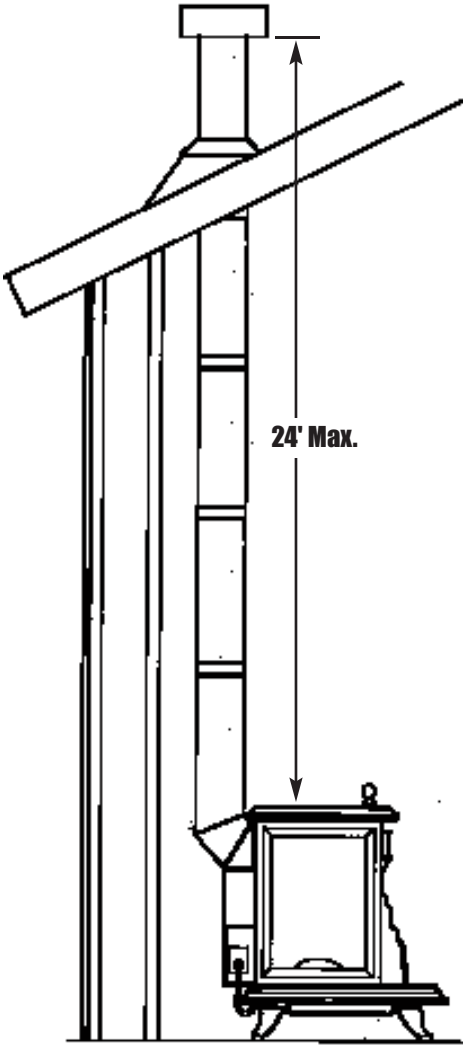


Illustration 6.3

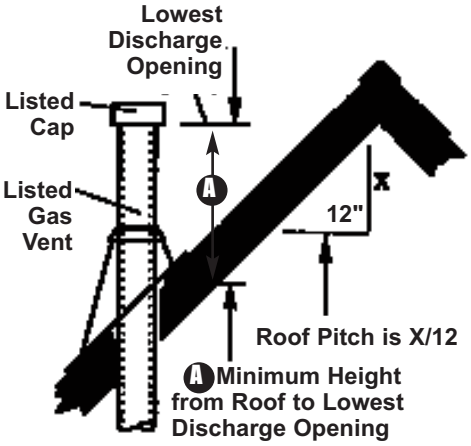


Illustration 6.4

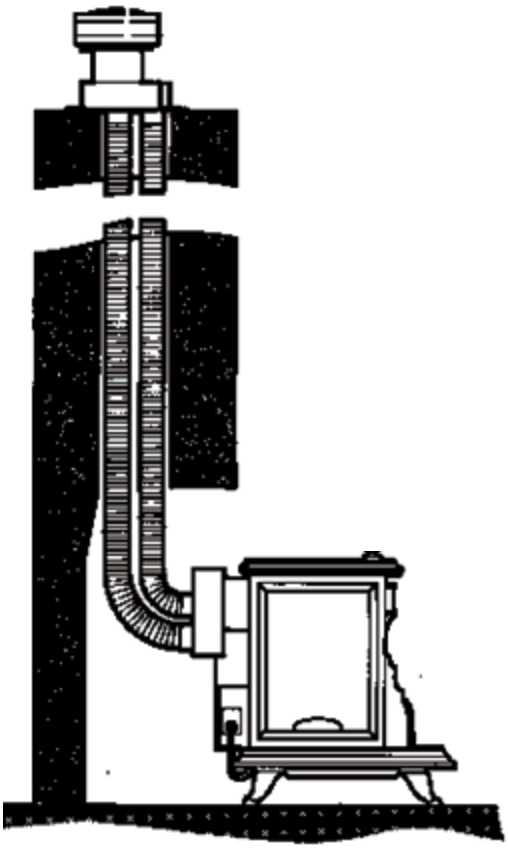


Illustration 6.5

D. Venting Into an Existing Fireplace and Chimney

You can vent your Franklin Gas Fireplace into an open fireplace by running two flexible ducts up the length of the chimney. One duct will carry the exhaust gases to the top of the chimney while the other duct brings fresh air into the stove for combustion. See illustration 6.5.

MINIMUM AND MAXIMUM DISTANCES

- Maximum vertical rise (1 elbow).....24'

Note: Each additional elbow reduces the maximum rise by 3 feet.

Venting duct requirements are based on the factors below

- Up to 16' vertical…….....3" exhaust,
  .....3" combustion air
- Over 16' vertical…… .....4" exhaust,
  (Max 24 feet.).....3" combustion air

Refer to the Simpson Dura-Vent instructions regarding installation of your Direct-Vent system.

ALL VENT CLEARANCES MUST BE MAINTAINED. CHECK YOUR VENT CLEARANCES AGAINST THE ILLUSTRATIONS ON PAGE 9.

E. Venting Into an Existing Masonry or Prefabricated Metal Chimney (Vertical installation only).

You can vent your Franklin Gas Fireplace into an existing chimney by running a flexible duct up the length of the chimney. This 4" duct will carry the exhaust gases to the top of the chimney. The surrounding chimney area is utilized to bring fresh air into the stove for combustion.

Venting into a masonry chimney requires a conversion kit, 4" duct, and a cap. See illustration 6.7 on page 11. Venting into an existing prefabricated metal chimney requires a conversion kit specific to the brand of chimney installed, a 4" duct, and a cap. See illustration 6.6 for more detail.

Note: You cannot install a Conversion Kit in a through-the-wall type factory-built metal chimney.

MINIMUM AND MAXIMUM DISTANCES

- Maximum vertical rise (1 elbow) .....24'
  Note: Each additional elbow reduces the maximum rise by 3 feet.'
- Minimum chimney inside diameter .....6”
- Required .....Existing chimney must be lined

Note: Each additional elbow reduces the maximum rise by 3 feet.

Refer to the Simpson-Dura Vent instructions regarding installation of your Direct-Vent system.

ALL VENT CLEARANCES MUST BE MAINTAINED. CHECK YOUR VENT CLEARANCES AGAINST THE ILLUSTRATIONS ON PAGE 9.

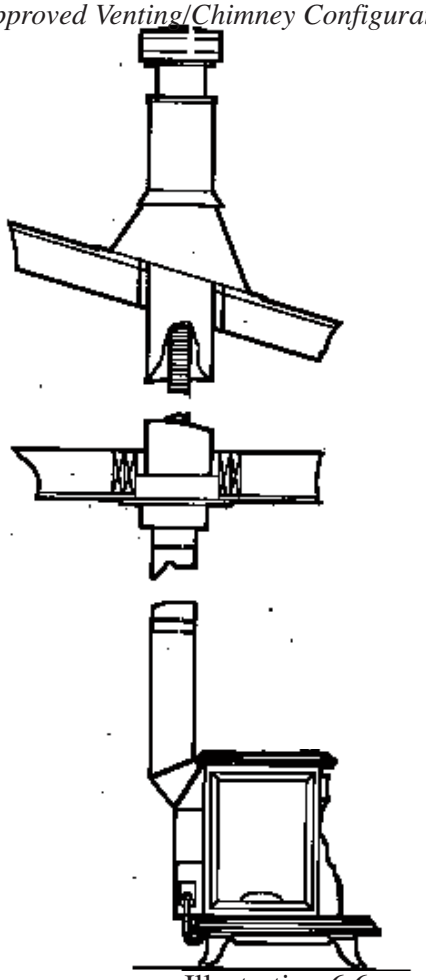


Illustration 6.6
Vertical installations only

MANUFACTURED HOUSING INSTALLATION

The Franklin Gas Fireplace may be installed in Manufactured Housing with the following supplemental requirements:

(1) The appliance must be securely bolted to the floor with steel straps secured to the leg bolts and to the floor with minimum 1/4” lag bolts. Contact Woodstock Soapstone Company for steel straps.

(2) The appliance must be grounded to the manufactured home trailer frame with a No. 8 (minimum) solid conductor.

WARNING! This unit must be installed by a qualified gas technician in accordance with local codes or in the absence of local codes, with the most current edition of the National Fuel Gas Code ANSI Z223.1/NFPA 54.

Note: A manufactured home (USA only) or mobile home OEM installation must conform with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, or, when such a standard is not applicable, the Standard for Manufactured Home Installations, ANSI/NCSBCS A225.1, or Standard for Gas Equipped Recreational Vehicles and Mobile Housing, CSA Z240.4

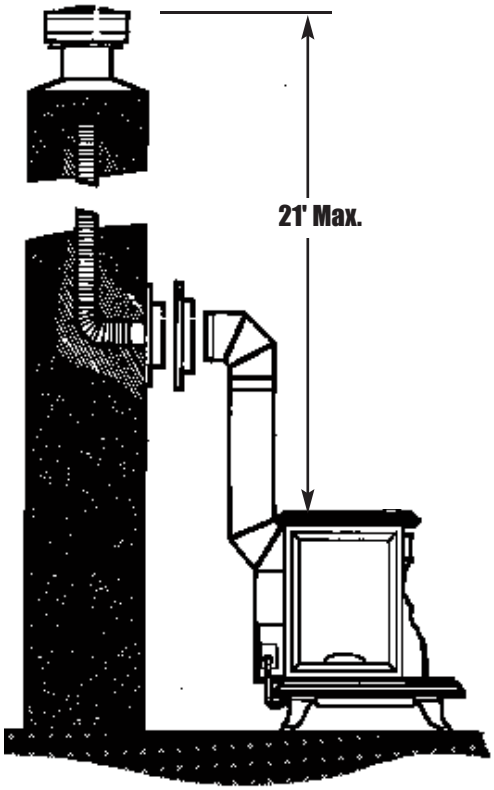


Illustration 6.7

7. APPROVED VENTING/CHIMNEY TERMINAL CLEARANCES

The Franklin Gas Fireplace is currently approved only for venting with the Simpson Dura-Vent components listed previously on pages 3 and 4. Install the vent system according to the manufacturers instructions, which are included with the components.

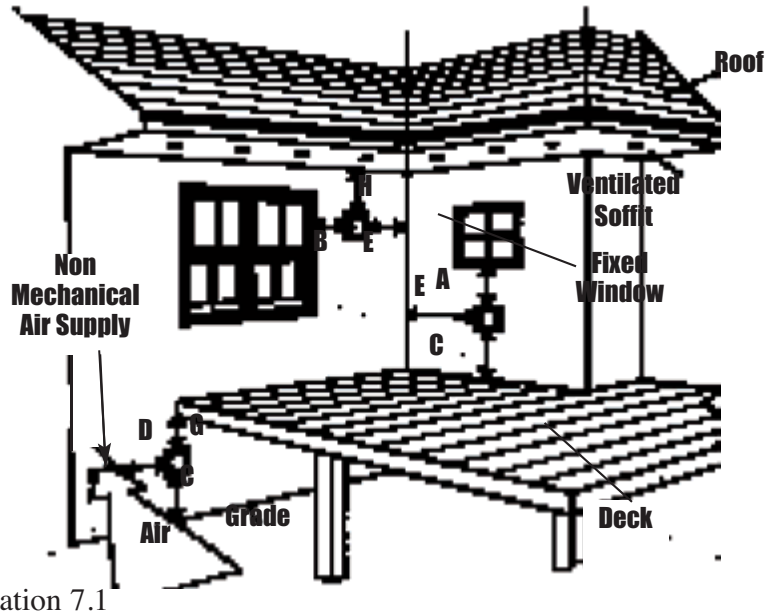


Illustration 7.1

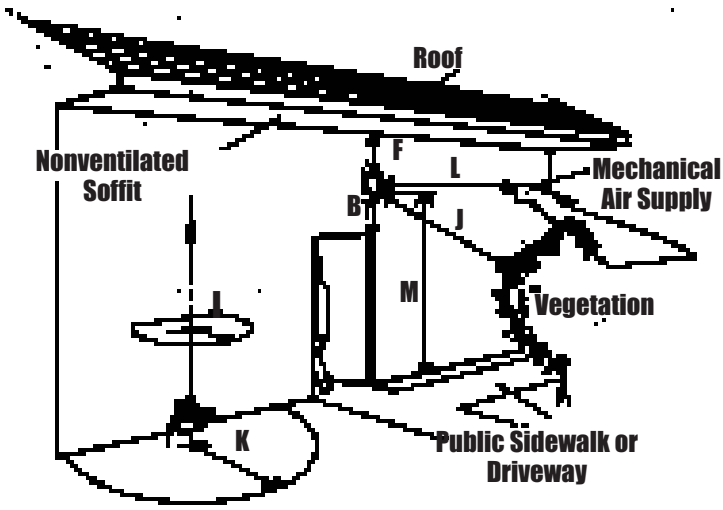


Illustration 7.2

A. Clearance to a permanently closed window.....12"

B. Clearance to a window or door that may be opened .....12"

C. Clearance above grade. Also, clearance over deck, porch, veranda or balcony .....12"

D. Clearance to non-mechanical air supply inlet or combustion air inlet of any other appliance.....12"

E. Clearance to inside corner or adjacent wall.....12"

F. Clearance to a non-ventilated soffit .....12"

G. Clearance below deck, porch, veranda, or balcony if completely open on two sides.....18"

H. Clearance to ventilated soffit located above the terminal within a vertical distance of 2 feet from the center of the terminal.....18"

I. Clearance around a center line above service regulator.3 feet

J. Clearance to vegetation..3 feet

K. Clearance around a service regulator vent outlet.....6 feet

L. Clearance to a mechanical air supply.....6 feet

M. Clearance above a paved sidewalk or driveway on public property. May not terminate above a sidewalk or driveway which is between two single family dwellings and serves both dwellings.....7 feet

8. UNPACKING THE FIREPLACE

Remove Packaging

1. There is a corrugated carton packed on the front skirt of the Fireplace. The corrugated box contains the ceramic logset. Remove the carton and set it aside.
2. Use a phillips screw driver to remove the eight screws that attach the four metal straps to the shipping pallet.
3. Lift the Fireplace straight up off the pallet by hand, being careful not to damage the controls and wiring that are under and at the back of the Fireplace. The Fireplace is heavy. You will need 3 people to lift it.
4. Using a 1/2" socket, remove the four metal straps from the bottom of the stove.

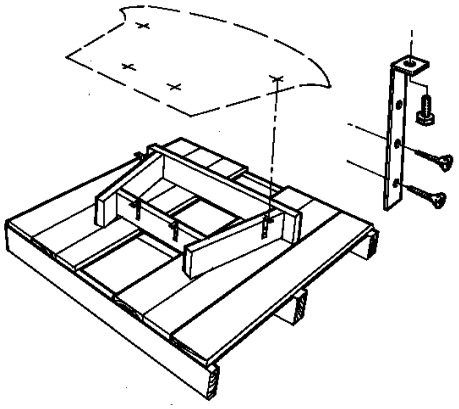


Illustration 8.1 *There are four straps that hold the Fireplace to the pallet during transport. Before lifting the Fireplace off the pallet, you must detach the metal straps from the pallet. Remove the four screws using a phillips screw driver. There are two straps at the rear of the stove and one on each side.*

Packing List

A. Owners Manual

B. Corrugated box containing:

1. Log set (handle the log set with care; the ceramic logs are fragile)

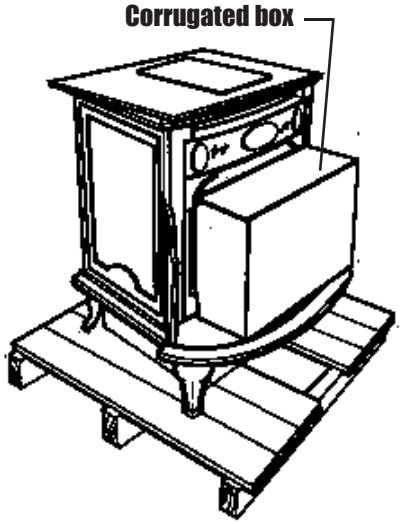


Illustration 8.2 *Remove corrugated box .*

9. PRE-INSTALLATION INSPECTION CHECKLIST FOR INSTALLER

1. Check that both intake and exhaust venting are clear of any debris or other obstruction at the back of the Fireplace.
2. Check that the gas manifold is connected to both the controller and the orifice at the back wall of the Fireplace (see illustration 9.1).
3. Remove the Front Casting (see illustration 9.1).
4. Remove the foam wedges used to keep the Pressure Relief Lids in place (see illustration 9.2).
5. Remove the Glass Front (see illustration 9.3).
6. Check that the Pressure relief Lids are both seated flat (see illustration 10.2)
7. Check that the thermopile connector, pilot gas tube, and thermocouple are properly connected to both the pilot

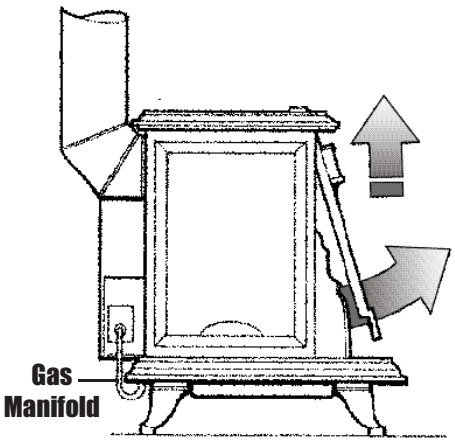


Illustration 9.1 *To remove the front casting, lift straight up under the two sets of star decorations and then gently pull the bottom out.*

YOU MUST REMOVE THESE TWO FOAM WEDGES PRIOR TO USING FIREPLACE!

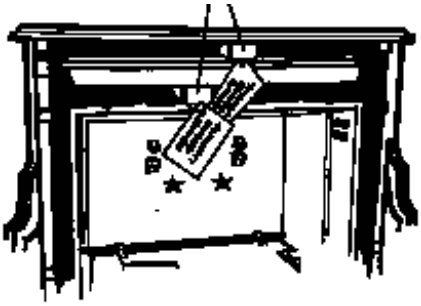


Illustration 9.2

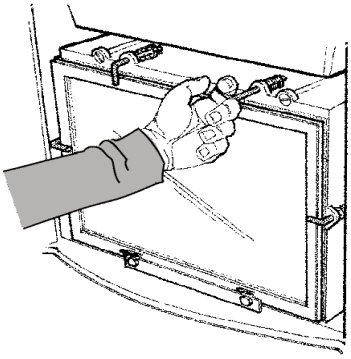


Illustration 9.3 *The glass front is held in place by four spring-loaded clips. To release the clips, pull and twist.*

assembly and gas controller (see illustration 9.5).

8. Check that the piezo wire is connected to the pilot assembly and igniter button (see illustration 9.5). Press the Red Ignition Button to test for spark in the Firebox near the pilot.

CAUTION: Sheet metal edges are sharp. Please handle carefully

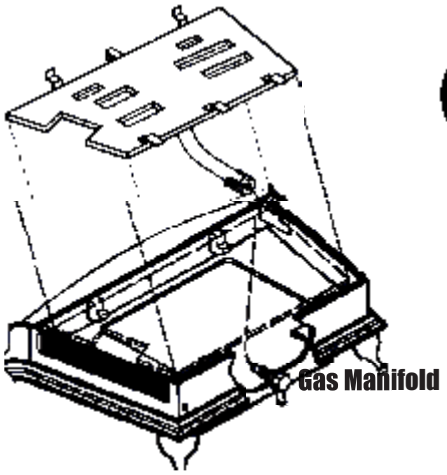


Illustration 9.4 *The burner pan fits in the base of the Fireplace as illustrated. On Natural Gas models an air shield is installed over the burner.*

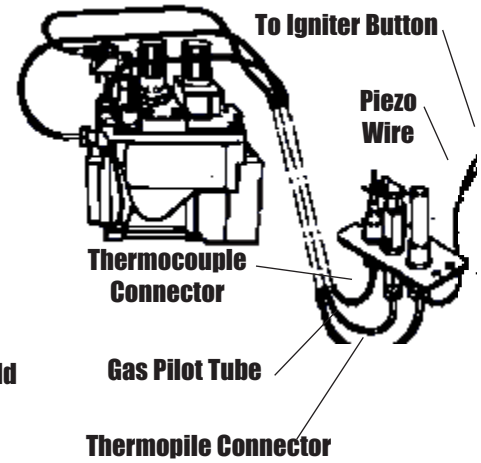


Illustration 9.5 *These connections should be checked carefully.*

10. ASSEMBLING THE FIREPLACE

Remove the front casting and glass front – see illustrations 9.1 and 9.3 for details. Place the Logset over the five positioning tabs on the Burner Pan. Push it as far back as it will go toward the rear of the Firebox.

If you own a Natural Gas Fireplace then your logset will sit on top of the Air Shield and not directly on the tabs. The air shield should sit flat on the (2) front tabs. The sides must be pushed down into position. Be sure that the sides of the air shield do not hang up on the inside walls of the firebox.

Make sure that the front edge of the Logset sits behind the two metal tabs on the front edge of the Burner Pan.

It is important that the rear of the logset be positioned against the rear of the firebox. Due to variance in size with each Logset the front edge of your Logset may not touch the upright section of the front tabs.

Ensure that the Logset is sitting flat on the rear tabs on the Burner Pan (Air Shield for NG owners) by gently pushing down on the rear of the logset and making sure it is not hung up on the sides of the Firebox.

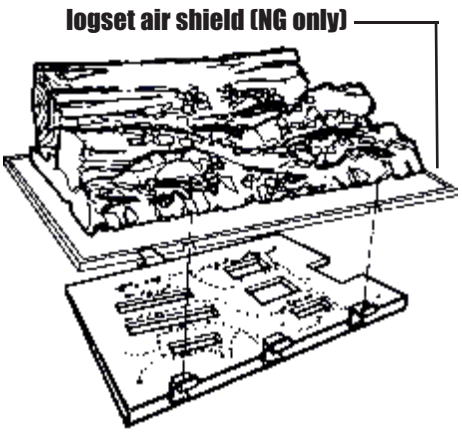


Illustration 10.1 *Place the logset against the back wall of the firebox. Center the logset from side to side. The logset air shield is located between the ceramic logset and the burner on Natural Gas models only.*

2. REPLACE GLASS FRONT/FRONT CASTING

Replace glass front and front casting (see instructions on page 32). Push the top edge of the front casting up into position, swing the bottom in, and lower it into position.

3. INSTALLING OPTIONAL EQUIPMENT:

a. Remote Sensor – see page 25-27 and Appendix B.

b. Wall Thermostats – see page 28-29 and Appendix B.

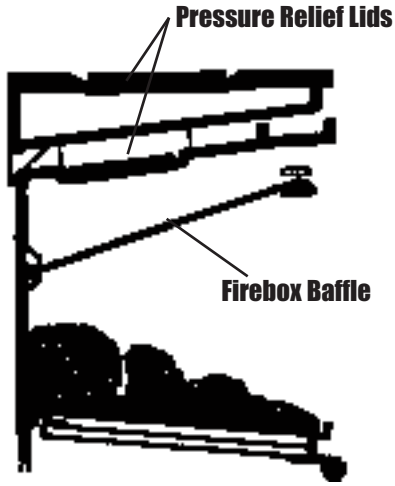


Illustration 10.2 *The pressure relief lids must be seated properly to ensure a good flame.*

11. CONNECTING THE GAS SUPPLY & TESTING THE FLAME

WARNING: This unit must be installed by a qualified gas technician in accordance with local codes or in the absence of local codes, with the most current edition of the National Fuel Gas Code ANSI Z223.1/NFPA 54.

1. CHECK THE GAS LINE PRESSURE BEFORE CONNECTING THE STOVE TO THE GAS LINE

The stove and its main gas valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5kPa/14”WC). If the gas line pressure is too high it will rupture the gas control valve on the Stove.

Isolate the stove from the gas supply piping system by closing the shut-off valve during any pressure testing of the gas supply piping system at test pressures in excess of 1/2 psi (3.5kPa/14”WC).

2. ATTACH GAS LINE TO THE CONTROL VALVE

The gas supply line is connected to the Fireplace gas control valve using a 3/8" male NPT fitting. If local codes permit it, we recommend using a flexible connector as that can alleviate mechanical load on the control valve. The gas supply line for either propane (LPG) or natural gas (NG) should be large enough to support (34,000 Btu). Consult local building codes to properly size the gas supply line.

3. TEST FOR LEAKS

Test for leaks using a sniffer, soapy water, or an approved leak testing spray. Check each joint or connection from the main supply valve to the Fireplace. Check the connections on the control valve as well as those in the Fireplace in case one loosened in shipment. **Again, never test with an open flame.**

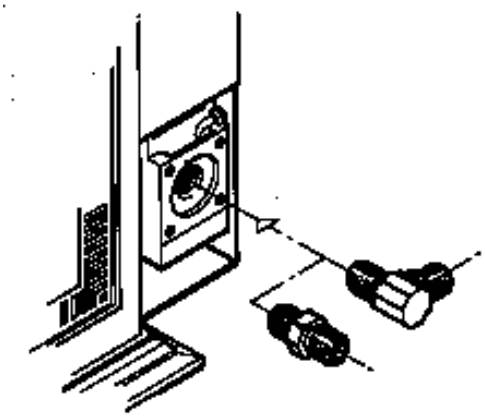


Illustration 11.1 *The 3/8" NPT fitting can be straight or elbowed.*

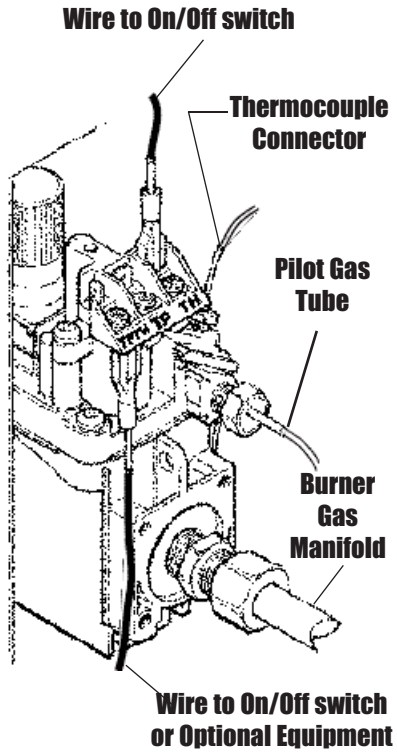


Illustration 11.2 *This illustration shows connection at the control valve at the rear of the Fireplace.*

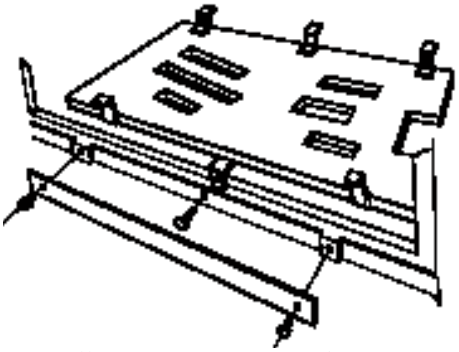


Illustration 11.3 *The burner pan is attached as illustrated above.*

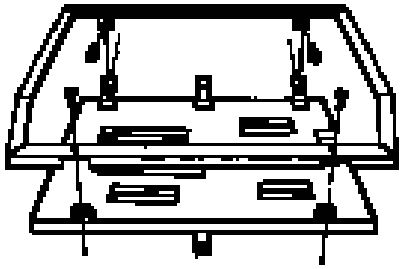


Illustration 11.4 *Leave the air shield attached when removing the burner in natural gas units.*

4. TEST PRESSURE THROUGH CONTROL VALUE

Test pressure to and through the control valve using a manometer on the test gauge taps on the control valve. The line must be tested as follows:

Propane (LPG or LP):
10.0" w.c.manifold pressure
11.0" w.c.minimum inlet supply for adjustment

Natural gas:
3.5" w.c.manifold pressure
5.0" w.c.minimum inlet supply for adjustment

5. LIGHT THE FIREPLACE, FOLLOWING LIGHTING DIRECTIONS ON PAGE 21-22. (FRONT GLASS AND FRONT CASTING MUST BE IN PLACE PRIOR TO LIGHTING)

6. The Air Shutter covers the end of the venturi opening at the base of the Burner Pan and controls the air/fuel mixture. The Shutter has been pre-set to provide an optimum yellow flame at sea level when the Logset is warmed up.

If you are operating a Natural Gas Fireplace at an elevation other than sea level, it may be necessary to adjust the position of the air shutter. Wait fifteen minutes after first lighting the Burner to see if the flame changes from mostly blue to bright yellow. If it remains blue then there is too much air getting into the mix. If the flame turns orange or smoky then there is too little air getting into the mix.

To adjust the amount of air:

Note: Allow Fireplace to cool before handling.

a. Remove the Front casting (see illustration 9.1).

b. Remove the Glass Front (see illustration 9.3)

c. Carefully lift and remove the Logset.

d. Remove the Glass Window Retainer by removing the two screws and then remove the single screw that attaches the Burner Pan to the Front casting (see illustration 11.3)

e. Lift the Burner Pan off the front tabs of the Firebox and pull the Pan out carefully so that the orifice at the rear is not damaged. Natural Gas Fireplace owners should leave the Air shield attached to the Burner Pan and remove both as one piece. (see illustration 11.4).

f. Adjust the Air Shutter by loosening the Screw (see illustration 11.5). Open the Shutter wider for more air or close it for less air. Tighten the screw.

g. Now place the Burner Pan back into position by first inserting the Venturi Tube under the back edge of the Firebox. Center the Venturi Tube and push it back over the

orifice slowly. When the Tube has been properly positioned it will make it possible to slowly lower the front edge of the Pan on to the two front tabs in the Firebox. Be very careful that the right side of the Burner Pan does not hit and damage the Pilot Assembly. Do not bolt it in place.

NOTE: If the Venturi Tube is not centered correctly over the orifice the Burner Pan will not seat at all. When the Burner Pan is seated properly, the Pan will rest flat on the the four Firebox tabs and the Pilot will be positioned so that the middle jet is just above the Burner Pan Surface.

h. Replace the Logset, Glass Window Retainer, Glass Front, and Front Casting

i. Light the Fire and see how it looks with the adjustment. Make adjustments until the optimum yellow flame has been achieved.

j. Once the adjustment is complete, remove the Front Casting, the Glass window Retainer, and the Glass Front.

k. Insert the 1" screw through the front of the casting and into the Burner Pan (see illustration 11.4).

l. Replace the Glass Window Retainer, Glass Front and the Front Casting.

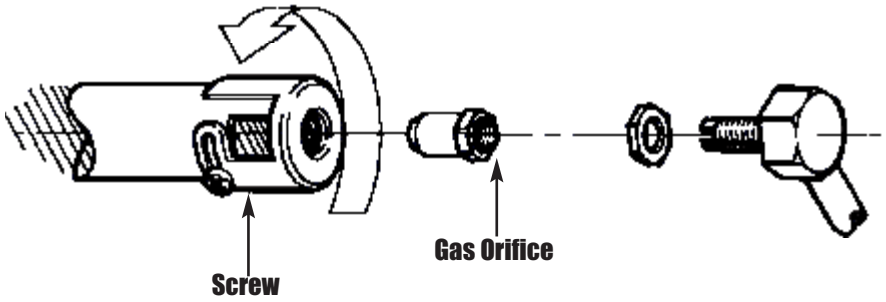
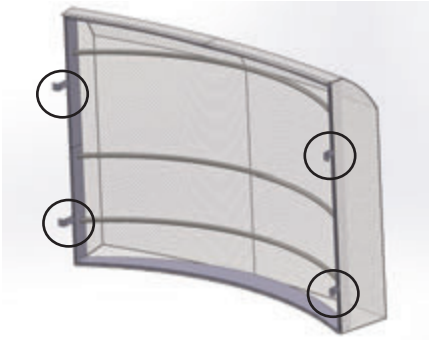


Illustration 11.5 *Installer: adjust the air shutter to modify fuel/air mixture.*

The Screen Barrier for the Glass Front

A screen barrier has been installed on the front of your Fireside Franklin Gas Stove to reduce the risk of burn from the hot viewing glass, It has been installed at the factory for the protection of children and other at-risk individuals. It should not be removed.

If the screen barrier becomes damaged, it shall be replaced with the barrier made by Woodstock Soapstone Company for the Fireside Franklin Gas Stove. The screen barrier is attached to the front casting, and should not be removed even to service the stove.



The screen barrier is held permanently in place with four clips located on the sides.

Installation and repair should be done by a qualified service person. The stove should be inspected before use and at least annually by a professional service person. More frequent cleaning might be required due to excessive lint from carpeting, bedding material, and so on. It is imperative that control compartments, burners, and circulating air passageways be kept clean.

Note: clothing or other flammable material should not be placed on or near the appliance. Do not attempt to dry mittens or gloves by placing them on the stove.

12. TESTING CHECK LIST AND WARRANTY REGISTRATION

Installer: Please tear out the following warranty registration and check list and fill it out with the owner as you go through the final inspection. To put the Warranty into effect we must receive this warranty registration and check list signed by both the installer and the owner.

The purpose of this checklist is to familiarize the owner with the safe operation of the Fireplace and to demonstrate to him and to us that this appliance has been installed properly.

WARRANTY REGISTRATION

Owner Name: _____ Telephone: _____

Address: _____

_____

Installer Name: _____

Company _____Telephone:_____

Address: _____

_____

Stove Model:_____

Serial #: _____LPG_____NG _____

Purchase Date: _____Installation Date:

TESTING CHECK LIST	**Installer**	**Owner**
1. Check all gas connections, use soapy water or mechanical sniffer to check for leaks.		
a. Control valve connection	_____	_____
b. Main gas line valve	_____	_____
c. (other?)	_____	_____
2. Glass front		
a. No damage to glass	_____	_____
b. All latches functioning properly	_____	_____
c. Glass securely in place in frame	_____	_____
d. Gasket even, snug against firebox	_____	_____
3. Safety controls		
a. Pilot failure shuts off main valve	_____	_____
b. Pressure relief lids on top of firebox and top of heat exchanger are properly seated, not off their tracks or open.	_____	_____
4. Operate all valves and controls	_____	_____
a. Main supply line valve	_____	_____
b. Pilot control valve	_____	_____
c. Ignitor	_____	_____
d. Main burner	_____	_____
e. Flame HI-LO	_____	_____
f. Remote Thermostat	_____	_____

	Installer	**Owner**
5. Flame.		
a. Fifteen minutes after ignition, flames should have a blue/yellow appearance and with the flame control set on HIGH, the flames should be about 2" to 6" high.	_____	_____
(1). If the flames are totally blue, reduce the amount of air by adjusting the burner air shutter.		
(2). Orange-yellow flames: increase the amount of air to the burner by opening the burner air shutter on NG model.		
b. After up to one hour's burn, there should be no sign of soot.	_____	_____
If during that test burn the flame lengthens and becomes smoky, is more orange-yellow than yellow, or there is some collected soot after an hour, do the following:		
(1). Check that the log set is securely in place. If the logset is not exactly in the right place, the flame impingement will be wrong.		
(2). If log set is properly placed, adjust burner air shutter setting on NG model.		

This installation has been performed safely and to our satisfaction, signed:

_____ Installer, Date

_____ Owner, Date

Please fold so that our return address shows. Tape the edges together and mail. No postage is necessary.

Woodstock Soapstone Co., Inc.
Airport Business Park
66 Airpark Rd.
West Lebanon, NH 03784

13. TROUBLESHOOTING – INSTALLER ONLY

(CERTIFIED GAS TECHNICIAN ONLY)

PROBLEM	CAUSE	SOLUTION
Pilot will not light despite repeated pushing of ignitor	1. Air in gas lines	a. Bleed gas lines
	2. No ignitor spark, either checked visually or proven by lighting the pilot with a match	a. Check for loose or disconnected wires
		b. Piezo wire is broken or corroded: replace
		c. Misaligned electrode, wrong gap: gap should be 1/8"
		d. Electrode insulator is cracked or tip is corroded: replace electrode
	3. Low gas pressure.	a. Wrong inlet pressure; with main burner lit, adjust inlet pressure regulator to 5" w.c. for NG, 11" w.c. for LP.
Pilot will not stay lit	1. Low gas pressure	a. With main burner lit, adjust inlet pressure regulator to 5" w.c. for NG, 11"w.c. for LP.
		b. Adjust the pilot output from the controller
	2. Thermocouple not properly inserted in pilot assembly.	a. It must be placed so that the top 3/8" is engulfed in flame from the pilot.
	3. Thermocouple has dirty tip;	a. Clean with fine emery cloth
	4. Defective thermocouple;	a. Check open circuit voltage with volt meter, should be between 18mV and 28mV. If less than 18mV, replace.
	5. Defective electromagnet, check operation as follows:	a. Depress and hold pilot button
		b. Verify open-circuit thermocouple voltage is between 18mV and 28mV as above.
		c. Reconnect thermocouple to valve
		d. Measure the voltage between the solderbutton on the base of the electromagnet and the valve body. If the mV reading is above 6mV and the magnet does not hold, replace the valve.
		e. If the closed circuit mV reading is the same as the open circuit reading, the coil is electrically open. Replace the valve.
Pilot burning, main burner will not light	1. Gas Control knob in wrong position	a. Check that all switches are on including the gas control knob, Remote Receiver, and ON/OFF toggle switch.
	2. If Remote Receiver* is switched to “REMOTE”:	a. Is thermostat setting lower than ambient temperature?
		b. Have batteries failed? Check by switching Remote Receiver* from “REMOTE” to “ON”. If burner ignites, problem is failed batteries in the transmitter.
	3. Loose or defective wiring	a. Place jumper wire across remote control receiver* wires at gas control valve. If that works, tighten connections or replace wiring from receiver* to control valve.
		b Connect a jumper wire to the “TPTH” and “TH” Tabs and the control valve. If the stove lights, replace the ON/OFF switch and switch wires..
	4. Thermopile may not be generating enough voltage, (milivoltmeter should read 325mV at control valve TP-TH and TP terminals)	a. Pilot flame is not covering 3/8" of the thermopile; make sure the thermopile is tight and positioned correctly in its bracket.
		b. Check the thermopile with a millivolt meter. The pilot should be lit, the control knob in the “PILOT” position, and the Remote Receiver* switch turned to “OFF”. Take the reading at the TP-TH and TP terminals on the gas control valve. If the reading is less than 325 mV, when the stove is hot replace the thermopile.
	5. Gas supply orifice is clogged.	a. Remove and blow out with compressed air or clean out with brush.

*Optional Equipment

PROBLEM	CAUSE	SOLUTION
Delayed Ignition of burner	1. Burner pan is not in correct position (pilot cannot ignite fuel).	a. Reseat the burner pan following the instructions in the manual.
	2. Low manifold pressure	a. Use manometer to check inlet gas pressure. Must be 5.0" w.c. for N.G. and 11.0" w.c. for LP.
		b. Check the outlet pressure of control valve (3.5" w.c.for N.G. and 10".w.c. for L.P..
	3. Low voltage from thermo pile.	a. Use a millivolt multitester to check the voltage of the thermopile. It must be at least 325 mV when hot and the ON/OFF switch is "ON".
		b. If voltage of thermopile is 325 mv when hot then the control valve may need to be replaced.
	4. Flame Impingement (logset position).	a. If the logset is covering the pilot output contact Woodstock Soapstone for information.
Odor	1. Pressure relief lids not seated correctly.	a. Cool the fireplace then reposition both pressure relief lids so that they are flat and centered properly.
	2. Curing of paint and gasket cement.	a. It is normal to experience an odor for the first few hours of constant use; this will discontinue with normal use.
Low flame or flame goes out after a short burn.	1. Venting is blocked or interrupted.	a. Check that the pipe joints are locked together and free from obstruction.
		b. Be sure that the pipe system is completely without interruptions from the fireplace to the outside termination cap.
	2. Low gas pressure.	a. Make sure the gas storage tank is not too low.
		b. Confirm inlet pressure and Outlet/Manifold pressure.
		c. Check for moisture in gas supply system.
		d. Check for contaminants in gas supply system.
Sporadic changes of flame level/lifting of flame.	1. High wind.	a. Shut off fireplace system and wait for wind to die down. b. Get termination cap designed specifically for high wind.
	2. Pressure relief lids out of position	a. Re-set both lids. See illustration 10-2.
	3. NG owners: Air shield out of position.	a. Check that the air shield is positioned correctly. (see page 14)

14. OPERATING YOUR GAS FIREPLACE

BEFORE YOU USE YOUR GAS FIREPLACE

1. Determine that the gas shut-off valve is in the open position (there may be more than one shut-off valve between the Fireplace and the main gas supply; make sure all are turned on).
2. If the Fireplace has not been used for some time, there will be air in the gas supply line. This will be automatically purged when you light the pilot.
3. Smell for gas, especially near the floor if you are using LPG (propane) as it is a heavy gas and any leaked gas would stay near the floor. Natural Gas is lighter than air and will rise. If you smell gas, do not attempt to light. Follow "What to do if you smell gas" instructions shown on the cover of the manual.

15. LIGHTING INSTRUCTIONS

MAIN CONTROLS

The main controls for the Franklin Fireplace are located at the back right hand corner of the top of the Fireplace. There are four main controls:

1. The Gas Control Knob (ON/OFF/PILOT - controls the flow of gas to the pilot and the main burner).
2. The Ignitor Button (used to ignite the pilot).
3. The (ON/OFF) Rocker Switch - turns the Fireplace on/off by controlling the millivolt electricity flow to the controller
4. The "Hi-Lo" adjustment Knob (controls flame height and heat output)

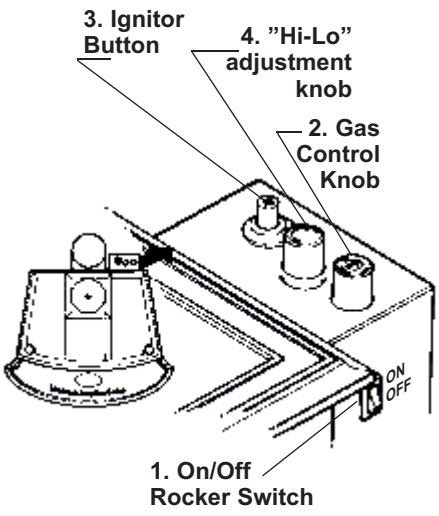


Illustration 15.1

LIGHTING THE PILOT

1. If the pilot is lit then proceed to Lighting the Fire on page 23. See step 4 for information on how to locate the pilot.
2. Turn the rocker switch to the "OFF" position.
3. Push down slightly on gas control knob and turn it counterclockwise to "PILOT". If the gas control knob is already in the "PILOT" position and the pilot is not lit you must turn the knob to the "OFF" position, wait to hear a "click" (up to 30 seconds) then turn the knob back to "PILOT" and go to step 4.

4. Visually locate the pilot. It is at the right side of the logset in front of the small, partial log. (see illustration 15.5)
5. Light the pilot by pushing down on the gas control knob and holding it down while repeatedly pushing the ignitor button. This sends a spark to the pilot. Keep pushing the ignitor button about once every second for up to 30 seconds.

   IF PUSHING IGNITOR BUTTON DOES NOT LIGHT PILOT WITHIN 30 SECONDS, STOP TRYING. Wait five minutes before attempting to light the pilot. If it still does not light, see “Trouble Shooting” .

   When you see the pilot ignite, continue to hold the gas control knob in for about 15 seconds then release. The pilot should now remain lit.

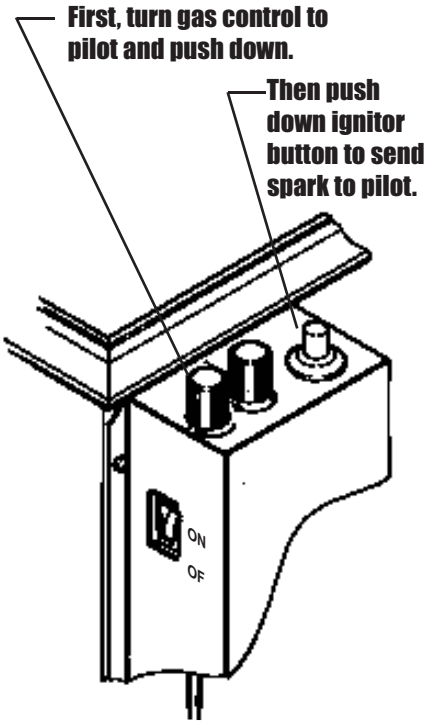


Illustration 15.2 *To ignite the pilot, use the two controls indicated above.*

Technical Note:

HOW THE PILOT SAFETY CONTROL WORKS: When lit, the pilot flame warms a thermocouple. The heated thermocouple produces a small electrical current that activates an electromagnet which keeps the pilot gas supply valve open. When you hold down the control knob after the pilot initially lights, you are manually keeping open the gas supply until the thermocouple warms up enough to automatically keep the gas supply valve open.

Should the pilot blow out, the thermocouple will cool and the electromagnet will close the gas supply valve and shut off the supply of gas. If pilot goes out after being lit long enough to warm the thermocouple, the thermocouple must cool down before the electromagnet will allow the gas valve to reopen. This can take up to 30 seconds and produces an audible “click”.

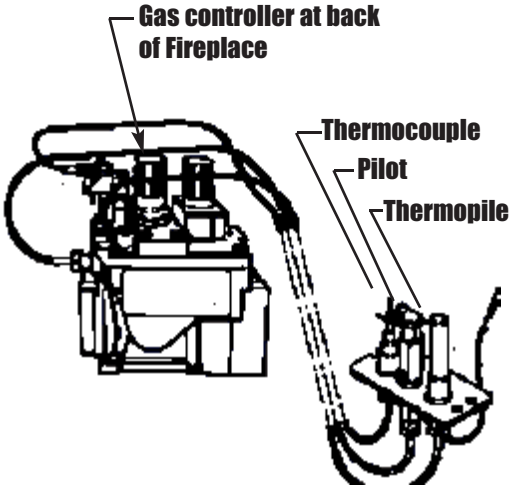


Illustration 15.3 *The pilot is located between the thermocouple and thermopile. The pilot flame is visible on the right side of the firebox.*

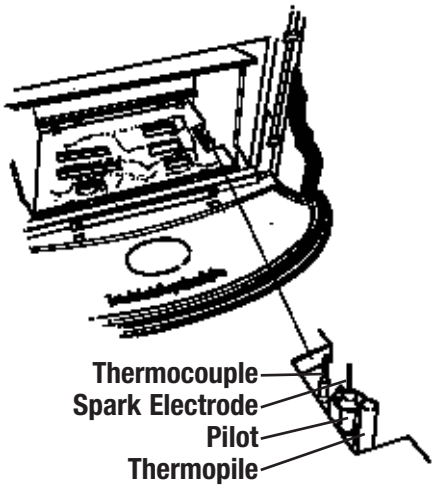


Illustration 15.4 *The pilot assembly is located on the right side of the firebox, about half way back along the side wall*

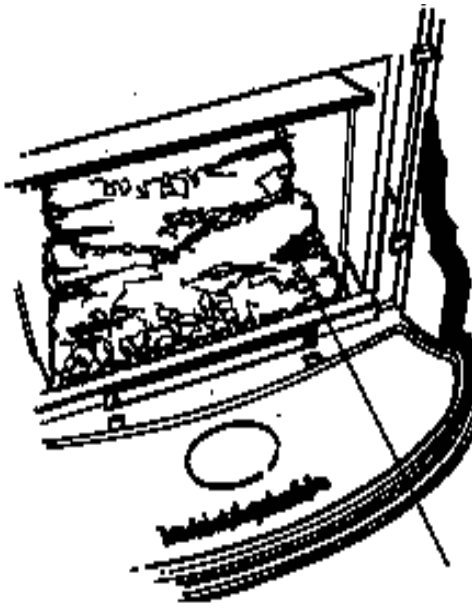


Illustration 15.5 *When the pilot is lit, the flame will be clearly visible at the right side of the firebox, just beneath the right side of the burnt log remnant.*

LIGHTING THE FIRE

NOTE: Remote Control or Thermostat owners see Section 18 or 20 for lighting instructions.

1. Check that the pilot is lit and turn the Gas control knob to the "ON" position. The pilot can be seen at the right side of the logset in front of the small, partial log. If it is not lit, follow the previous instructions for lighting the pilot.
2. Put the "ON/OFF" Rocker Switch to the "ON" position. The Fireplace will light up. There may be a delay in lighting as the thermopile warms to an operating temperature and permits the gas to enter the burner pan.
3. Check that the flames are evenly distributed. They will be mostly blue for the first 15 minutes and then will change to yellow/orange. There may be a slight amount of condensation on the glass. This will disappear when the fireplace heats up.
4. Adjust the flame height and heat output using the "HI-LO" adjustment knob. It adjusts the flame from 100% at "HI" to 70% at "LO".
5. If this is the first time you have burned your new fireplace for any length of time, you may smell the fireplace paint curing. This is normal and will go away within a few hours.
6. The adhesive on the window gasket will also take a few days to cure. This process will create an unpleasant odor. This is normal and will go away after your first few fires.

TURNING OFF THE PILOT

1. To turn off the pilot, simply turn the Gas control switch to "OFF" This turns off the gas supply to both the pilot and the fire.

TURNING OFF THE FIRE

You may use any one of the following methods to shut the fire off:

1. Push the "ON/OFF" Rocker Switch to "OFF" position. This will turn off the fire, but the pilot will remain lit. Simply push it back to "ON" to re-light the fire.
2. **To completely shut off the Fireplace**, including the pilot, turn the Gas Control Knob to the "OFF" position. It is a good idea to turn the Gas Control Knob to "OFF" and turn the manual gas valve on the supply line to "OFF" if the stove will not be used for any length of time. This turns off the pilot, the burner, and the gas supply.

WARNING

Do not attempt to decrease flame size or heat output by closing the manual gas supply valve. This valve should always be in a fully open position.

16. SAFETY INSTRUCTIONS

FOR YOUR SAFETY READ BEFORE OPERATING

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

A. This appliance has a pilot. When lighting the pilot, follow these instructions exactly.

B. BEFORE OPERATING 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

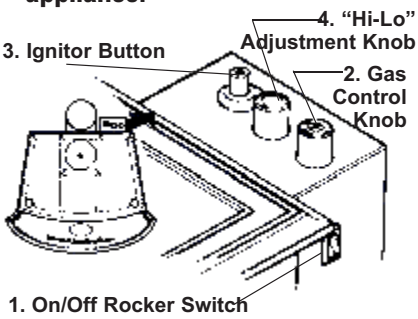
- **Do not try to light any gas appliance.**
- **Do not touch any electric switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier. Call the fire department.**

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.

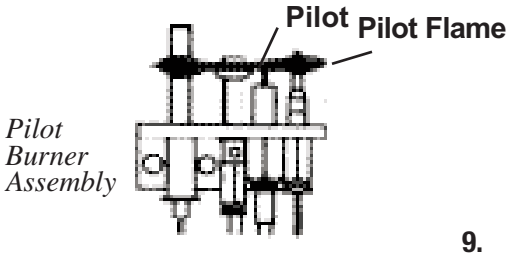
D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control that has been under water.

LIGHTING INSTRUCTIONS

1. **STOP! Read the safety information on the panel above.**
2. **Turn thermostat to lowest setting.**
3. **Turn off all electric power to the appliance.**



4. **Place the ON/OFF switch in the OFF position.**
5. **Push in gas control knob slightly and turn clockwise ↷ to "OFF". NOTE: Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.**
6. **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.**
7. **Turn knob on gas control counterclockwise ↶ to "PILOT".**
8. **Find pilot. The pilot is located below the logset in the forward right corner area of the firebox.**



9. **Push in control knob all the way and hold in. Immediately light the pilot by pushing the red starred ignitor button once every second for up to 30 seconds. If it does not light in 30 seconds, refer to step number 6. Continue to hold the control knob in for about 15 seconds after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 5 through 9.**

* **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.**

10. **Turn gas control knob counterclockwise ↶ to "ON".**
11. **Place the ON/OFF switch in the ON position; or if you have a remote control, turn the receiver switch to the "ON" position; or if you have a thermostat, place the thermostat switch in the "ON" POSITION.**

TO TURN OFF GAS TO APPLIANCE

1. **Set the thermostat to the lowest setting.**
2. **Turn off all electric power to the stove if service is to be performed.**
3. **Push in gas control knob slightly and turn clockwise ↷ to "OFF."**

NOTE: Knob cannot be turned from "PILOT" to 'OFF" unless knob is pushed in slightly. Do not force.

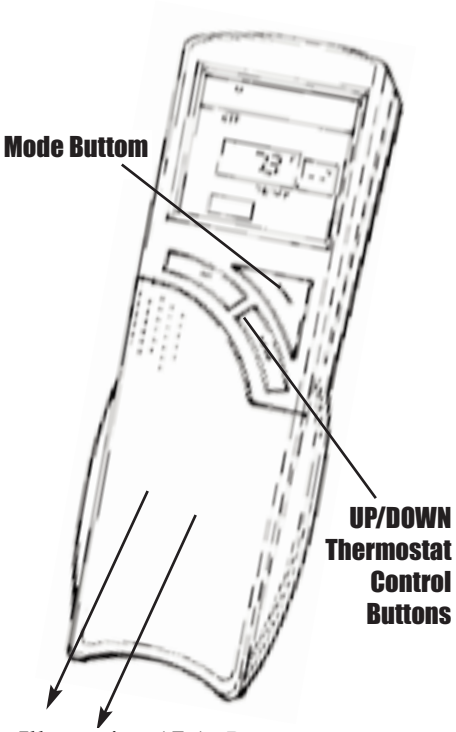


Illustration 17.1 *Remote Transmitter Cover slides back to access all timer settings.*

17. REMOTE CONTROL

CONSIDERATIONS FOR SELECTING AN OPTIONAL THERMOSTAT

Both the remote control and the wall thermostat are useful accessories. The wall thermostat is a little simpler, a little less versatile, and a little less expensive.

REMOTE CONTROL UNIT

The battery operated remote control has two main parts:

1. The Remote Transmitter
2. The Remote Receiver

THE REMOTE TRANSMITTER HAS THE FOLLOWING FEATURES:

Main Control Pad

"ON-OFF" function
"ON-OFF" indicators
Ambient temperature read out
Thermostat temperature setting
Raise temperature key
Lower temperature key
Sound "OFF-ON" switch
Clock
Battery Condition Display

Under sliding cover

Timer/Programer
Read/set clock time
Increase time setting
Decrease time setting
Set timer button

The Remote Receiver must be installed in order to operate the Fireplace using a Remote Transmitter.

A wiring diagram for the Remote Control Unit is attached as Appendix B.

The Remote Receiver must be turned on in order to start the Fireplace. When the remote receiver is switched to "Remote", and the Remote Transmitter is switched on, the Fireplace will turn on and

off depending on the temperature setting. You simply set the temperature you want to maintain using the up or down buttons on the main control pad. The Remote Transmitter turns the Fireplace on when the temperature falls below the setting, turns it off when the desired temperature is reached.

NOTE: The Remote Transmitter can only turn the Fireplace on or off. It does not control the flame height or heat output, which are regulated only by the "Hi-Lo" adjustment knob on the gas control.

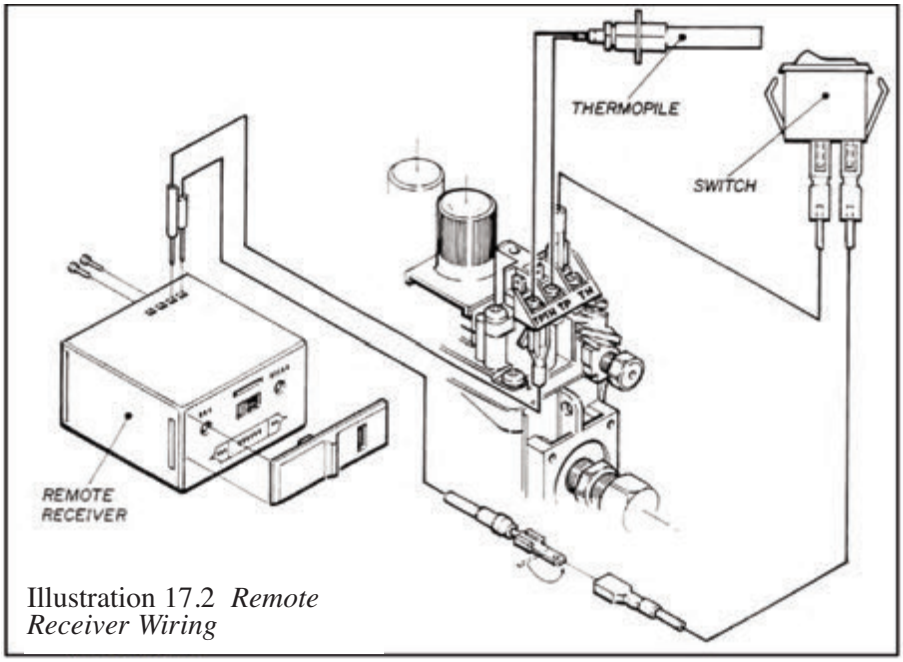


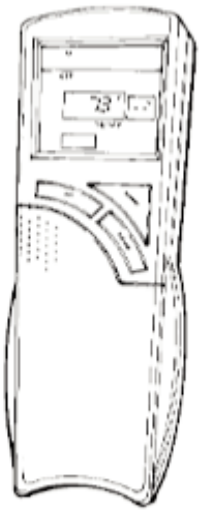
Illustration 17.2 *Remote Receiver Wiring*

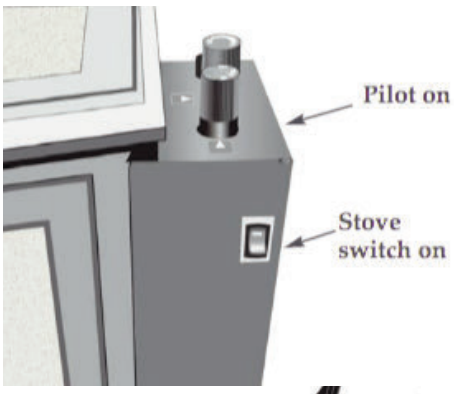
REMOTE TRANSMITTER:
The Remote Transmitter has a built in thermostat. Place the Transmitter in the area you want to warm and set it for the temperature you want for that area. It transmits a radio frequency. Try to keep the Transmitter within 15 feet of the receiver.

TIMER: You may set the Remote Transmitter to turn on or off at whatever hour you choose. For example, if you want the Fireplace to turn on an hour before you get up in the morning, and go off at night after you have gone to bed. Just program the time accordingly, say 5:30AM and 10:30PM. Refer to instructions included with remote unit.

CAUTION: If the batteries fail in either your Remote Transmitter or the Remote Receiver, the Fireplace will continue doing whatever it was doing when the batteries failed. If it was burning, it will continue burning until you manually turn it off. If it was off, it will remain off. There is no immediate danger in this situation. You could come home to either a very warm house or, if the Fireplace is your sole source of heat, a very cold house which offers the eventual danger of frozen water pipes. If this is a concern, switch the Remote Receiver from "REMOTE" to "ON" and adjust the flame height to where you believe it will keep the heated area at the desired temperature.

NOTE: If either set of batteries fail in the Transmitter or Receiver the On/Off switch in the receiver will still operate the fireplace. If either set of batteries fail in the Transmitter or Receiver the Remote Transmitter will not function.





18. LIGHTING THE FIRE FOR REMOTE CONTROL OWNERS

1. Check that the pilot is lit and turn the Gas control knob to the "ON" position. The pilot can be seen at the right side of the logset in front of the small, partial log. If it is not lit, follow the previous instructions for lighting the pilot.
2. Put the "ON/OFF" Rocker Switch to the "ON" position.
3. You must select one of the following modes on the Remote Control Receiver to light the fire:

a. The "ON" mode will bypass the remote transmitter functions and light the fireplace directly.

b. The "REMOTE" mode will enable the remote transmitter functions. In this mode the remote transmitter must be turned "ON". When the temperature of that location falls below the setting of the thermostat, built into the remote transmitter, the fireplace will light.

NOTE: When the receiver recognizes a signal from the transmitter it will produce an audible beep. (SEE THE DETAILED INSTRUCTIONS INCLUDED WITH THE REMOTE CONTROL UNIT)

4. Check that the flames are evenly distributed. They will be mostly blue for the first 15 minutes and then will change to yellow/orange. There may be a slight amount of condensation on the glass. This will disappear when the fireplace heats up.
5. Adjust the flame height and heat output using the "HI-LO" adjustment knob. It adjusts the flame from 100% at "HI" to 70% at "LO".
6. If this is the first time you have burned your new fireplace for any length of time, you may smell the fireplace paint curing. This is normal and will go away within a few hours.

SHUTTING THE FIRE OFF FOR REMOTE CONTROL OWNERS

You may use any one of the following methods to shut the fire off:

1. Turn the remote transmitter "OFF". This will work **only if the remote receiver is in the "REMOTE" position**.* To re-light the fire turn the remote transmitter "ON".

*This will turn off the fire, but the pilot will remain lit.

2. Move the remote receiver into the "OFF" position. This will turn off the fire, but the pilot will remain lit. To re-light the fire move it back into the "ON" position.
3. Push the "ON/OFF" Rocker Switch to the "OFF" position. This will turn off the fire, but the pilot will remain lit. Simply push it back to "ON" to re-light the fire.

4. To Completely shut off the Fireplace, including the pilot,turn the Gas Control Knob to the "OFF" position. It is a good idea to turn the Gas Control Knob to "OFF" and turn the manual gas valve on the supply line to "OFF" if the stove will not be used for any length of time. This turns off the pilot, the burner, and the gas supply.

19. WALL THERMOSTAT

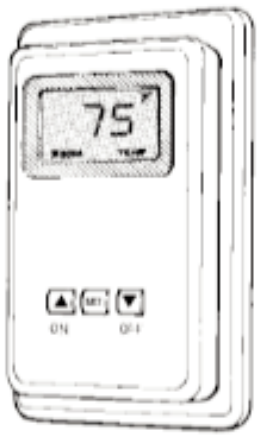


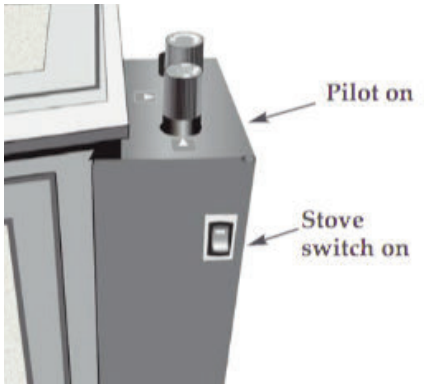
Illustration 19.1 *The wall switch allows you to turn the Fireplace on and off, and control room temperature with a built-in thermostat.*

The Wall Thermostat allows you to (1) manually turn the Fireplace on and off from a remote location, and (2) set a thermostat so the Fireplace will maintain a pre-set temperature.

The wall thermostat should be installed about 5' above the floor, in the same room as the Fireplace. Try to install the wall thermostat on an inside wall, in a location where the thermostat will not be affected by specific sources of heat and cold other than the Fireplace. (For example try to avoid installation on an outside wall, or in a direct path of heat from radiators, warm air registers, or lamps.)

Installation directions are packaged with the wall thermostat, and a wiring diagram is included at the end of this manual as Appendix B.

20. LIGHTING THE FIRE FOR THERMOSTAT OWNERS



1. Check that the pilot is lit and turn the Gas control knob to the "ON" position. The pilot can be seen at the right side of the logset in front of the small, partial log. If it is not lit, follow the previous instructions for lighting the pilot.
2. Put the "ON/OFF" Rocker Switch to the "ON" position.
3. Turn the thermostat to the "ON" position and set it to the desired temperature. The Fireplace will light when the thermostat setting exceeds the room temperature.
4. Check that the flames are evenly distributed. They will be mostly blue for the first 15 minutes and then will change to yellow/orange. There may be a slight amount of condensation on the glass. This will disappear when the fireplace heats up.
5. Adjust the flame height and heat output using the "HI-LO" adjustment knob. It adjusts the flame from 100% at "HI" to 70% at "LO".
6. If this is the first time you have burned your new fireplace for any length of time, you may smell the fireplace paint curing. This is normal and will go away within a few hours.

SHUTTING THE FIRE OFF FOR THERMOSTAT OWNERS

You may use any one of the following methods to shut the fire off:

1. Turn the temperature control down on the thermostat. This will turn off the fire, but the pilot will remain lit. To turn the fire back on, turn the temperature control up.
2. Put the Thermostat in the "OFF" position. This will turn off the fire, but the pilot will remain lit. Simply put the Thermostat back into the "ON" position to re-light the fire.
3. Push the "ON/OFF" Rocker Switch to the "OFF" position. This will turn off the fire, but the pilot will remain lit. Simply push it back to "ON" to re-light the fire.

   Note: If either the Thermostat or Rocker Switch is in the "OFF" position the Fireplace will remain off.
4. **To Completely shut off the Fireplace**, including the pilot, turn the Gas Control Knob to the "OFF" position. It is a good idea to use this method and shut off the valve to the supply line if the stove will not be used for any length of time.

Before performing any maintenance, turn the gas control knob to the "off" position. This will extinguish both the fire and the pilot flame. Wait until the Fireplace is cold before cleaning.

21. ROUTINE MAINTENANCE

CLEANING THE EXTERIOR CAST IRON OR SOAPSTONE

The metal and soapstone exterior of the Franklin Gas Fireplace may be cleaned with a damp cloth. Any scratches on the soapstone surface may be removed with a medium steel wool followed by a 00 steel wool. If you polish the surface of the soapstone, remove the dust with a soft bristled vacuum cleaner rather than a damp cloth.

Illustration 21.1 *When the burner is clean and the Fireplace is operating properly, the flame pattern will look approximately like the drawing above.*

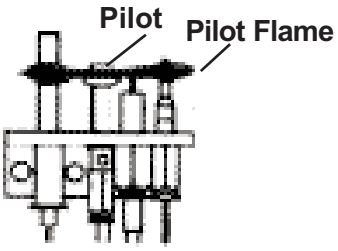


Illustration 21.2 *Pilot Burner Assembly*

CHECK THE PILOT FLAME AND GAS LOG FLAMES PERIODICALLY

The gas log flame pattern should resemble the pattern in illustration 21.1. The pilot flame has three jets. One should hit the thermopile, one should hit the thermocouple (shown in illustration 21.2), and the middle should burn just above the Burner Pan surface.

CLEANING THE GLASS

Do not clean the glass when it is hot. Always allow it to cool to room temperature.

It will be necessary to clean the ceramic glass occasionally. It is normal for condensation to form on the inside of the glass during a cold start-up. Sometimes dust or lint clings to the condensation. Residue from the initial paint curing inside the firebox can also leave a residue on the inside of the glass.

We recommend that you clean the glass after the first couple weeks of use. After the initial cleaning, the inside of the glass should require cleaning no more than once or twice a year.

To clean the glass, use a mild glass cleaner and a soft cloth. Do not use abrasive cleaners. Lift the front casting up, and pull the bottom of the casting out from the Fireplace. Remove the glass front by rotating the four spring loaded clips that hold the frame in place.

WARNING: Do not strike the glass front. Do not remove the protective screen. Do not operate the Franklin Gas Fireplace with the glass front removed, cracked, or broken. Replacement of the glass front should be done by a licensed or qualified person. Do not use substitute materials when replacing the front glass and frame assembly.

Use ONLY the correct Woodstock Soapstone Company part #G-80 Pyroceram Ceramic Glass/Frame Assembly.

If the ceramic front glass becomes cracked or damaged, follow the instructions below to remove the frame and damaged glass. Never operate the stove with broken glass.

INSTRUCTIONS TO CLEAN REMOVE OR REPLACE GLASS FRONT:

The glass front on the Franklin Gas Stove consists of a fully gasketed piece of ceramic glass, fastened with RTV Silicone adhesive to a steel frame. If glass needs cleaning, use regular glass cleaner or vinegar, for stubborn film, a ceramic glass cleaner can be used. Do not use abrasive cleaners. Never clean the glass when the glass is hot.

To replace the glass front and frame:

(1) Remove the front casting. Lift up under the two sets of stars on the front casting, and swing the bottom out. (See illustration 9.1.)

(2) Pull and twist 4 spring-loaded clips to release pressure on glass frame. Use needle nose pliers to reach the side clips. (See illustration 9.3.)

(3) Lift frame and glass out of Glass Window Retainer.

(4) Insert new or replacement frame and glass into Glass Window retainer. The Glass Frame will line up with the edge of the Firebox Frame. Keep the edges properly aligned to achieve the best seal.

(5) Pull and twist 4 spring-loaded clips to clamp glass frame in place. This will compress the gasketing all the way around the glass, making a tight seal between the glass front and the firebox.

(6) Replace front casting. Slide two top tabs up under the top frame, and then swing the bottom in behind the arched retaining rail.

CLEANING THE INSIDE OF THE FIREBOX

The firebox should be cleaned annually. Follow these steps:

1. Turn off gas supply.
2. Remove glass front (see above).
3. Lift out log set and brush it using a soft bristle brush. The log set is fragile, so treat it gently. Inspect log set for any black carbon build-up and remove it. We recommend using a soft-bristled brush rather than a vacuum cleaner to remove dust or lint from the log set.
4. Vacuum the inside of the firebox thoroughly.
5. Check that all gas ports are clear.
6. If glass needs cleaning, use regular glass cleaner or, for stubborn film, oven cleaner. Do not use abrasive cleaners. Never clean the glass when the glass is hot.
7. Replace log set and glass.

22. ANNUAL INSPECTION

ANNUAL INSPECTION

The Fireside Franklin Gas Stove and venting system should be inspected before use, ***and at least annually by a qualified field service person*** to ensure that the flow of combustion and ventilation air is not obstructed, the venting components are in good condition, and that the appliance is working properly.

The technician should inspect and ensure that the lighting of the main burner occurs within 4 seconds of the main gas valve opening. Visual inspection should match that outlined on page 30.

The technician should also check all gas tubes, connections, pipes and other components for leaks.

Annual Burner and Pilot Inspection and Cleaning

A qualified service technician should clean the burner and pilot annually. In order to properly clean the burner and pilot assembly, you will have to turn off the gas supply to the appliance, and remove the front casting, the glass front, and the log set to expose the burner and pilot assembly.

Clean all foreign materials from the top of the burner and from the pilot assembly with a soft brush or vacuum cleaner. Remove any dust or lint. Check to be sure the burner and burner orifice are clean. If the pilot orifice becomes plugged, disassembly may be required. Inspect for and remove any black carbon buildup in the fire box and logset.

The technician should check to be sure that the flame safety system works, and that the safety shutoff occurs within 30 seconds of flame failure.

Annual Vent System Inspection

During the annual servicing, a qualified technician should inspect the vent pipe to be sure that both the inside exhaust channel and the outside air intake channel are clean and free of obstructions. All parts should be checked for wear, corrosion, or deterioration. At the end of inspection, the venting components should be reassembled and re-sealed according the the Simpson Dura-Vent instructions.

Annual Pressure Relief Lid Inspection

Visually inspect that the two pressure relief lids shown in illustration 10.2, pg 15, are properly seated. Physically push upward on the pressure relief lid found at the top of the firebox to insure that it can move freely. Make sure it reseats properly when you release it.

Glass Cleaning

Clean the glass window with a suitable fireplace glass cleaner. Abrasive cleaners must not be used. Be careful not to scratch the glass when cleaning.

23. TROUBLESHOOTING – OWNER

These are troubleshooting problems you could check before calling a technician. If these do not work, you must call in a qualified gas technician

PROBLEM	SOLUTION
• Pilot will not ignite despite repeated pressing of ignitor button and with control valve depressed. Wait five minutes for gas to dissipate, then do the following before retrying	1. Recheck that control valve is set at "PILOT" 2. Make certain that gas is turned on 3. If you are using propane, make sure tank is not empty 4. Look for any loose or disconnected wires on ignitor 5. The ignitor spark may be checked visually. It should be visible thru the logset on the right side in front of the small, partial log.
• Pilot will not stay lit when first trying to light it	1. Gas control knob not held down long enough for thermocouple to heat up to keep pilot gas valve turned on 2. Pilot gas knob not fully depressed
• Burner refuses to light, pilot is working	1. On/Off Rocker switch is "OFF". Turn to "ON" 2. Control valve left in "PILOT" position, turn to "ON" 3. Remote Receiver* switch is turned "OFF" 4. If Remote Receiver* is on "REMOTE": a. Thermostat setting is lower than room temperature. Raise temperature setting? b. Replace batteries in both the receiver box and transmitter if needed. After replacing batteries, proceed with the "LEARN" function to establish communication between the receiver and transmitter. c. The Remote unit is not working. Switch Remote Receiver from "REMOTE" to "ON" . If burner turns on, either Remote Transmitter or Remote Receiver is not working. Replace batteries, first in the Remote Transmitter. If that does not work, replace the battery in the Remote Receiver. If that does not work, call Woodstock Soapstone for repair or replacement.
• Burner flame too low	1. "HI-LO" adjustment knob set at "LO"
• Glass has white residue on inside	1. Usual causes are contaminants in the combustion air. Contaminants (called aldehydes) could be from garden fertilizers or sprays, paint, any dust that is combustible.

*Optional Equipment

PROBLEM	SOLUTION
• Glass has white residue on inside *(continued)*	2. Contaminants from paints or sealants used in manufacturing the Fireplace or normal impurities in Gas.
• Glass has brown residue inside	1. Over long periods of time (months), this may occur if you are burning LP gas because it has more impurities than natural gas. You will need to clean the glass more often. 2. This can result rapidly if the flame is not properly adjusted or there are other conditions that generate soot. Adjustments should be made by a service technician.
• Pungent odor	1. Check to be sure pressure relief doors on top of the firebox and heat exchanger are seated properly. 2. Partial burning of aldehydes (See "Glass has white residue..." immediately above). 3. This condition means that carbon monoxide is present. 4. Call gas technician to check gas connection and installation. Note: During the first few days of operation, there will be an odor generated by the curing process. This is normal and will abate.
• Soot accumulating up on walls or furniture	1. Your gas Fireplace and venting system are sealed so that it is virtually impossible for soot to come from them. The most common source for this complaint turns out to be from burning candles. 2. If you do not ever burn candles or do not have other open flames, check for the presence of soot in your Fireplace's firebox. If there is, look for a gasket leak around the glass or where the vent pipe exits the Fireplace. If there is a leak, there would likely be soot evident in the area of the leak.
• If you have a Carbon Monoxide (CO) sensor alarm, and it sounds	1. Incomplete or interrupted combustion of aldehydes a. Ventilate room until aldehydes are all burned off, that is, until the pungent odor is gone. b. A gas technician should check gas connection and installation.

24. WARRANTY

Your Woodstock Soapstone Gas Fireplace has been carefully tested and inspected prior to shipment to you. We take pride in every Fireplace we build but our greatest satisfaction comes from our customers' continued happiness with their Woodstock Soapstone Stoves. In addition to this limited warranty, you have our assurance that we will be here to assist you in the installation, operation and maintenance of your Woodstock Soapstone Stove for the life of the Fireplace. Our customer service team is always happy to answer your questions.

Should you discover a defect, please call us for instruction about return and replacement of the defective part. We will replace free of cost any part that is defective in material or workmanship for one year from date of shipment.

We further warrant that each Fireplace is exactly as we have represented it. If you are not completely satisfied with the appearance, quality or performance of your Fireplace, you may return it within 6 months from the shipment date.

If your Fireplace is shipped by common carrier, it is insured against damage in transit. We will repair or replace any Fireplace damaged in transit. Please inspect your Fireplace carefully on receipt and report any damage to us within three days of receipt.

This Warranty does not cover damage caused by abuse or neglect or if your Fireplace was installed or used contrary to the instructions in your owner's manual.

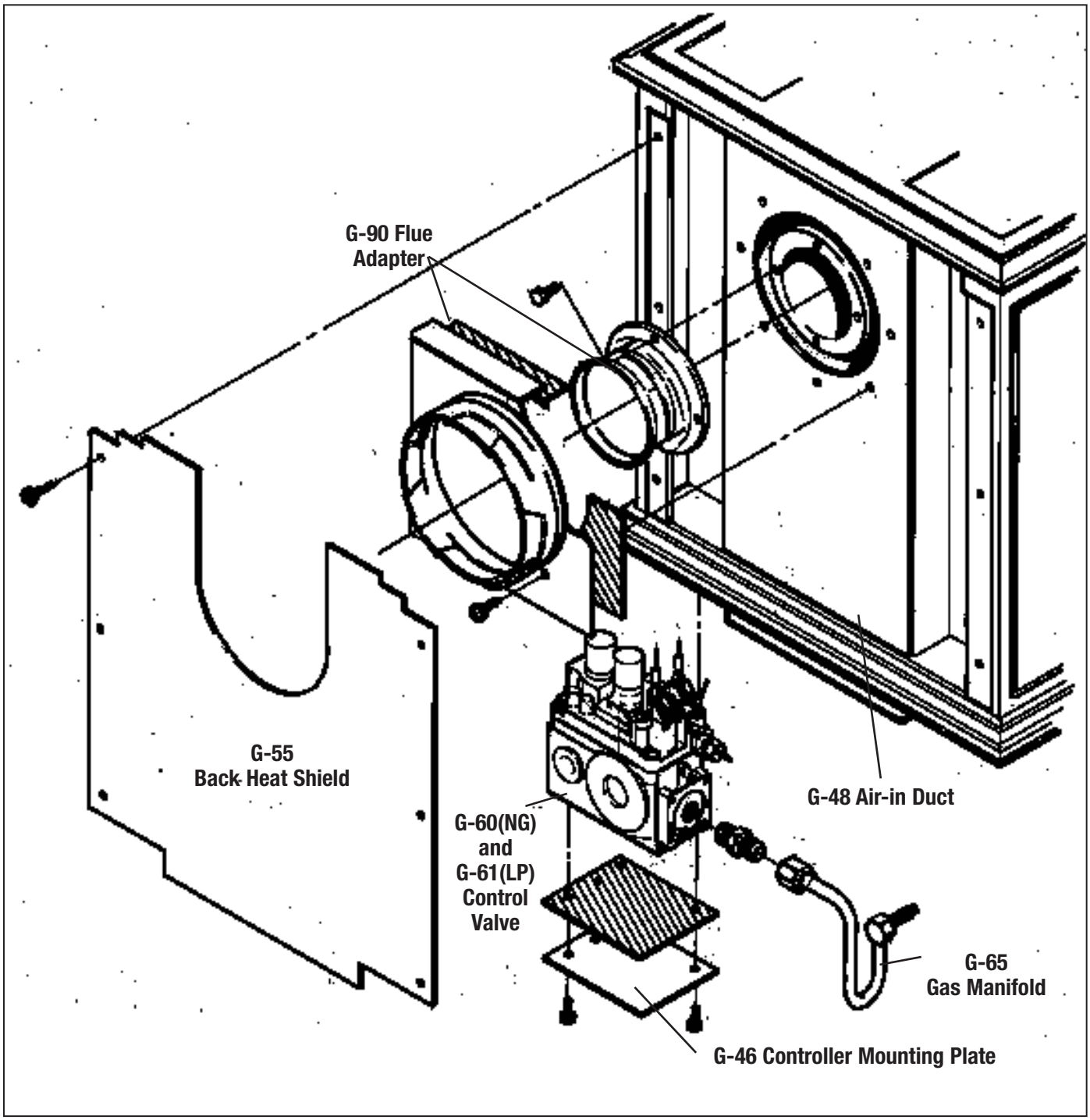
Woodstock Soapstone Company employees have no authority to offer any warranty or remedy that varies from those covered here. This Warranty is not transferable.

Woodstock Soapstone Company will not be liable for incidental and consequential damages. (This may not apply to you if you live in a state that does not allow the exclusion of incidental and consequential damages).

This warranty gives you specific legal rights. You may have other rights which vary from state to state.

This limited warranty is in strict accordance with the Moss-Magnuson Warranty Act.

APPENDIX A. PARTS LIST AND REAR EXPLODED VIEW DIAGRAM



Parts List

Franklin Direct Vent Fireplace

Part	Part No.
Log Set	G-40
Burner	G-41
Control Panel & Cover	G-42
Side Stone Retainer	G-43
Firebox Baffle	G-44
Baffle Mounting Clip	G-489
Controller Mounting Plate	G-46
Air-In Duct	G-48
Top Stone Retainer	G-49
Logset Air Shield	G-51
Back Heat Shield	G-55
Bottom Heat Shield	G-53
Side Heat Shield	G-54
SIT 820.652 NG Control Valve	G-60
SIT 820.651 LP Control Valve	G-61
PSE LP343 Pilot Assembly LP	G-206L
PSE NA343 Pilot Assembly NG	G-206N
Aluminum Coated Thermocouple	PSE-TC
24” Thermopile	PSE-018A
C1 Pilot Gasket	G-335
SIT 73.952 Piezo	G-64a
Gas Manifold	G-65
3/8 NPT-3/8 Compression Adapter	G-67
SIT 916.188 Knob Extension O-P-O	G-68
SIT 916.189 Knob Extension H-L	G-69
Skytech Remote Unit	SKY-3003P
On-Off Rocker Switch	G-71-1
Rocker SwitchWires	G-71-2
Skytech Wall Thermostat	TS/R-2A

Part	Part No.
Ceramic Glass Frame Assembly	G-80
1.5" S.S.Springs	G-81
Top Retaining Hooks	G-82a
Side Retaining Hooks	G-82b
Window Retainer	G-83
Protective Window Screen	G-84
Direct-Vent Pipe Adaptor	G-90
Top Right Stone	G-30
Top Left Stone	G-31
Top Center Stone	G-32
Left Side Stone	G-33
Right Side Stone	G-34
Firebox Casting	G-1
Firebox Frame Casting	G-2
Firebox Cover Casting	G-3
Stove Base Casting	G-4
Leg Casting	G-5
Heat Exchanger Casting	G-6
Heat Exchanger Wall Casting	G-7
Heat Exchanger Cover Casting	G-8
Pressure Relief Lid (Heat Exchanger) Casting	G-10
Pressure Relief Lid (Firebox) Lid Casting	G-11
Air Channel Bridge Casting	G-12
Pilot Frame Casting	G-13
Left Side Wall Casting	G-15
Right Side Wall Casting	G-16
Top Casting	G-17
Front Casting	G-18

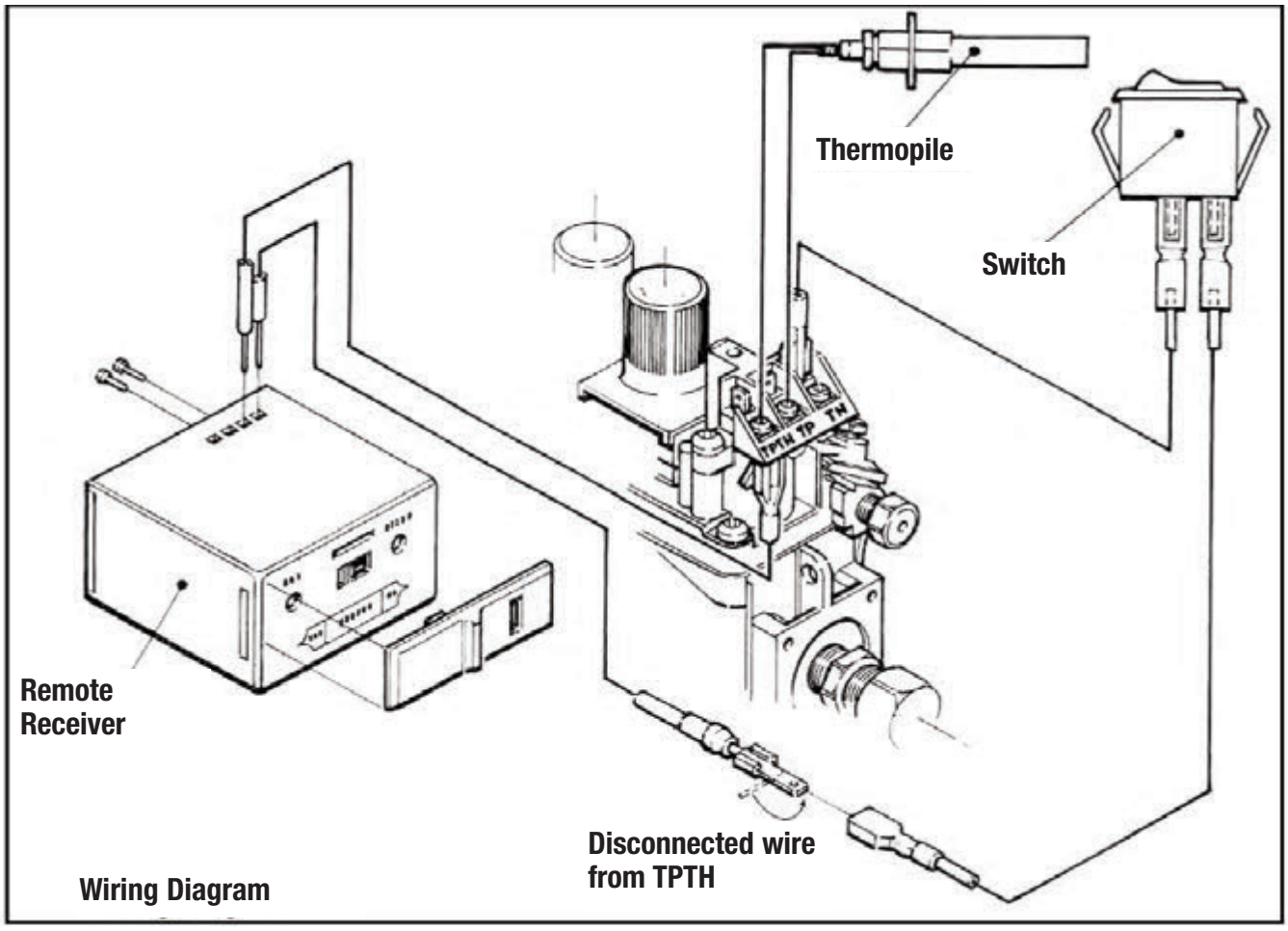
WARNING: do not use substitute materials.

To order parts, or for
information about parts or
service, please contact:

Woodstock Soapstone Company, Inc.
66 Airpark Road
West Lebanon, NH 03784

Tel: 800-866-4344
Fax: 603-298-5958

APPENDIX B. WIRING DIAGRAM - REMOTE CONTROL & WALL THERMOSTAT UNITS



The remote control and wall thermostat should be wired in a series as diagramed above. To operate the remote or wall thermostat, the pilot must be lit and both the gas control knob and the on/off toggle must be turned on. Turn the Remote Receiver to the "REMOTE" position, and operate the Fireplace with the hand-held remote. *(Note: the face of the Remote Receiver has three positions: 1) OFF, 2) REMOTE, and 3) ON. The Switch must be in the center position (REMOTE) for the remote control to work. The OFF position will turn the burner off, and the ON position on the Remote Control Receiver will bypass the remote and turn the burner on.)*

INSTALLATION INSTRUCTIONS
FOR OPTIONAL REMOTE CONTROL OR WALL THERMOSTAT RECEIVER

1. Disconnect the wire from the bottom of the controller unit which is attached to the tab labeled "TPTH". Bend the tab on one of the remote leads to make a male plug, and attach it to the female end of the disconnected wire.

3. Connect the second wire from the Remote Receiver to the bottom tab labeled "TPTH" (where you just disconnected a wire). Place the Remote Receiver beside or under the stove.

4. Mount the Remote Control or Thermostat as described in the instructions that were included with the unit.