



Installation and Operation Instructions

Superior® Louvered Round Back Fireplace with Bi-Fold Doors and Combustion Air Kit

P/N 127317-01 Rev. D 10/2015



P127317-01



Models

MHW36CB

**NATIONAL
FIREPLACE
INSTITUTE**



CERTIFIED
www.nficertified.org

We recommend that our woodburning hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Woodburning Specialists or who are certified in Canada by Wood Energy Technical Training (WETT).



SAVE THIS BOOK

This book is valuable. In addition to instructing you on how to install and maintain your appliance, it also contains information that will enable you to obtain replacement parts or accessory items when needed. Keep it with your other important papers.

INSTALLER: Leave this manual with the appliance.

Installateur : Laissez cette notice avec l'appareil.

CONSUMER: Retain this manual for future reference.

Consommateur : Conservez cette notice pour consultation ultérieure.

This wood burning fireplace complies with UL127 CAN/ULC-S610-M87 standard as a FACTORY BUILT FIREPLACE.

Ce foyer au bois est conforme aux UL 127 CAN/ULC-S610-M87 norme comme une USINE CONSTRUITE CHEMINÉE.

This fireplace is approved for use as a wood burning fireplace or for use with a vented gas log approved to ANSI Z21.60 or Z21.84 standards or for use with a vent-free gas log heater approved to ANSI Z21.11.2 standard. An IHP hood must be installed when using a vent-free log heater (see Accessories, page 19).

FOR CANADA: The authority having jurisdiction (such as the municipal building department, fire department, etc.) should be contacted before installation to determine the need to obtain a permit.

POUR LE CANADA: L'autorité compétente (comme le service municipal du bâtiment, les pompiers, etc.) doit être contacté avant l'installation afin de déterminer la nécessité d'obtenir un permis.

This installation manual will enable you to obtain a safe, efficient and dependable installation of your fireplace system. Please read and understand these instructions before beginning your installation.

Do not alter or modify the fireplace or its components under any circumstances. Any modification or alteration of the fireplace system, including but not limited to the fireplace, chimney components and accessories, may void the warranty, listings and approvals of this system and could result in an unsafe and potentially dangerous installation.

IMPORTANT! TO ASSURE PROPER ALIGNMENT OF GLASS DOORS: INSTALL THIS FIREPLACE IN A SQUARE AND PLUMB CONDITION, USING SHIMS AS NECESSARY AT SIDES AND/OR BOTTOM.

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SAFETY

WARNING

Improper installation, adjustment, alteration, service or maintenance can cause injury, property damage or loss of life. Refer to this manual for assistance or additional information. Consult a qualified installer or local distributor.

IMPORTANT: Check HUD requirements before installing this fireplace.

These units are intended for installation in manufactured (mobile) homes. These units may also be installed in buildings of conventional construction including modular housing, providing all instructions provided herein are strictly adhered to. These fireplaces include a combustion air kit and bi-fold doors.

Before beginning the installation of the fireplace, read these instructions through completely.

- This IHP fireplace and its components are safe when installed according to this installation manual. Unless you use INNOVATIVE HEARTH PRODUCTS (IHP) approved components, which have been designed and tested for the fireplace system, you may cause a fire hazard.
- The IHP warranty will be voided by and IHP disclaims any responsibility for the following actions.
 - a. Modification of the fireplace, components, doors, air inlet system and damper control.
 - b. Use of any component part not manufactured or approved by IHP in combination with an IHP fireplace system.

Proper installation is the most important step in ensuring safe and continuous operation of the fireplace. Consult the local building codes as to the particular requirements concerned with the installation of all factory built fireplaces.

CAUTION

The structural integrity of the mobile home floor and ceiling/roof must be maintained.

WARNING

Do not install a fireplace insert in this box unless the manufacturer's instructions with the insert specifically state this fireplace has been tested for use with the insert.

FOR YOUR SAFETY

- Do not store or use gasoline or any other flammable vapors or liquids in the vicinity of this or any other appliance.
- Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.
- Do not place clothing or other flammable materials on or near the appliance.
- Never leave children unattended when a fire is burning in the fireplace.

This fireplace is not intended to be used as a substitute for a furnace to heat an entire home. Use for supplemental heat only.

This wood burning fireplace complies with the UL 127 standard as a FACTORY BUILT FIREPLACE and is listed and tested by the PFS Corporation.

FIREPLACE INSTALLATION

SELECTING LOCATION

To determine the safest and most efficient location for the fireplace, you must take into consideration the following guidelines:

1. The location must allow for proper clearances (*see Figures 1 and 2, page 4*).
2. Consider a location where the heat output will not be affected by drafts, air conditioning ducts, windows or doors.
3. A location that avoids the cutting of joists or roof rafters will make installation easier.
4. An outside air kit is included with this fireplace (*see Outside Air Kit on page 7*).

WARNING

Do not install this appliance in a bedroom.

SPECIFICATIONS

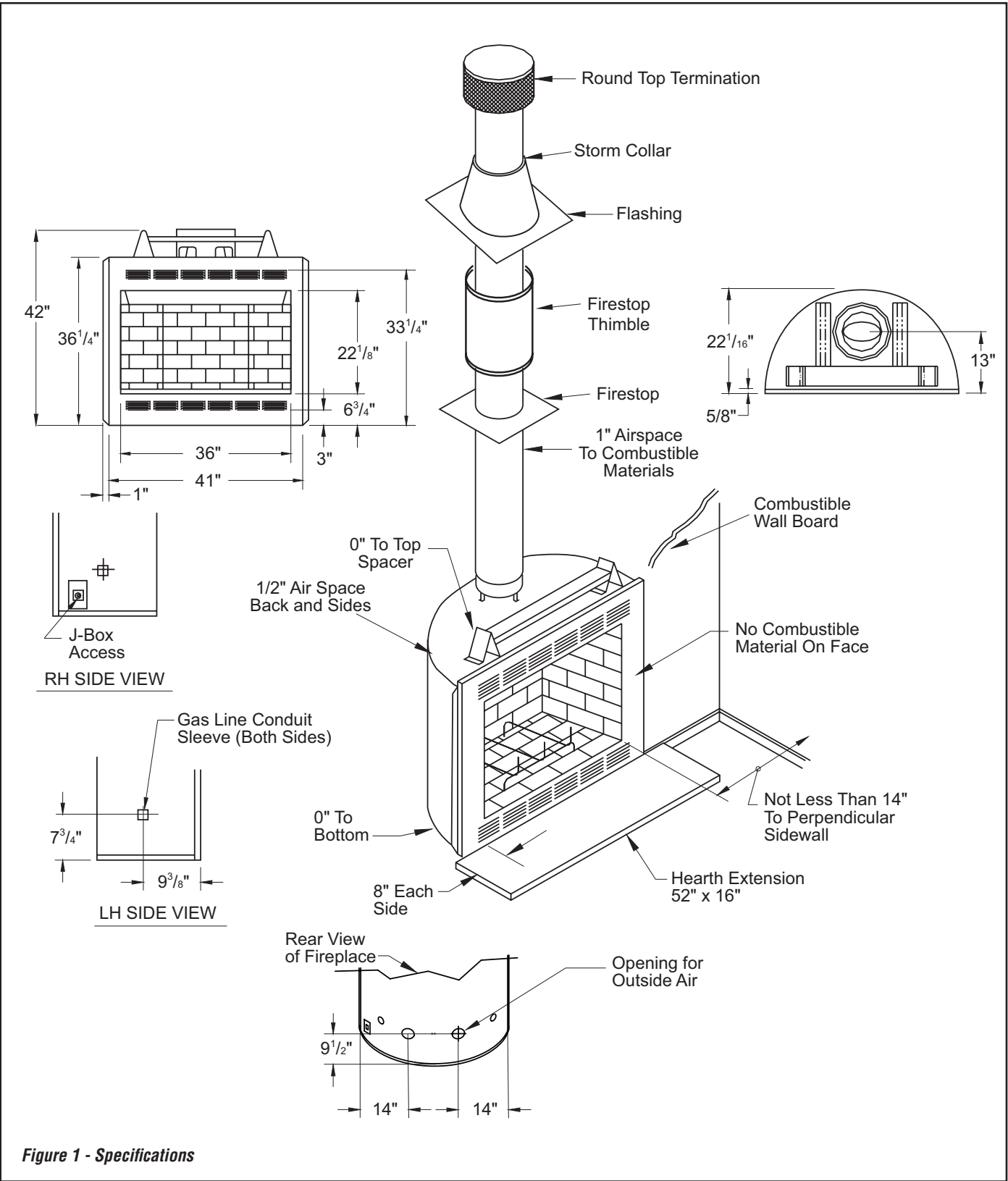


Figure 1 - Specifications

FIREPLACE INSTALLATION

Continued

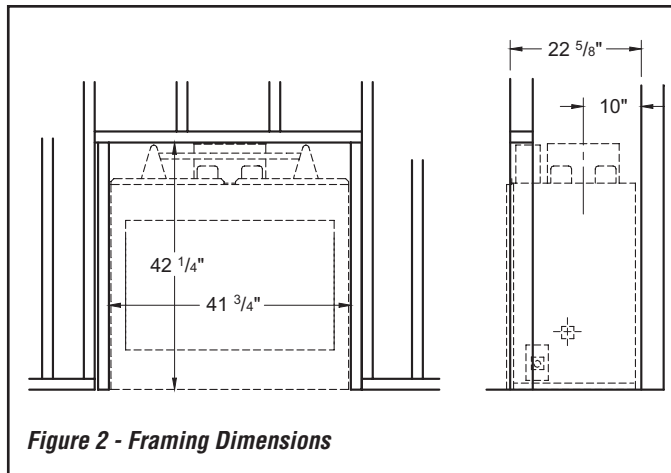


Figure 2 - Framing Dimensions

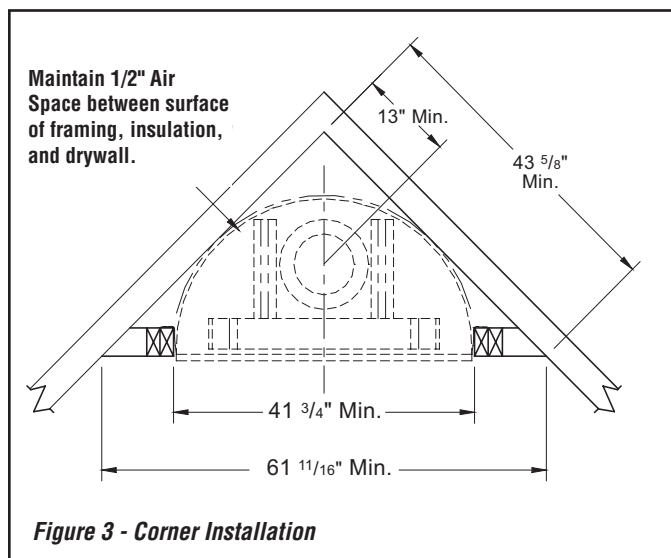


Figure 3 - Corner Installation

MINIMUM CLEARANCE TO COMBUSTIBLES

Back and sides of fireplace	1/2" minimum*
Floor under fireplace**	0" minimum
Wall to front of fireplace	36" minimum
Perpendicular wall to opening	14" minimum
Top spacers	0" minimum
Mantel clearances	see <i>Mantels</i> , page 15
Chimney outer pipe surfaces	1" minimum

* Not required at nailing flanges

** See step 2 of *Framing*, page 5



WARNING

Do not pack required air spaces with insulation or other materials.

MINIMUM/MAXIMUM CHIMNEY HEIGHT

Minimum height of the chimney, measured from base of fireplace to flue gas outlet of termination, is 14 feet* for straight flue or a flue with one elbow set. Maximum distance between elbows is 2 feet.

Maximum height of any system is 40 feet.* This measurement includes fireplace, chimney sections and height of termination assembly at level of flue gas outlet (see *Figure 5*).

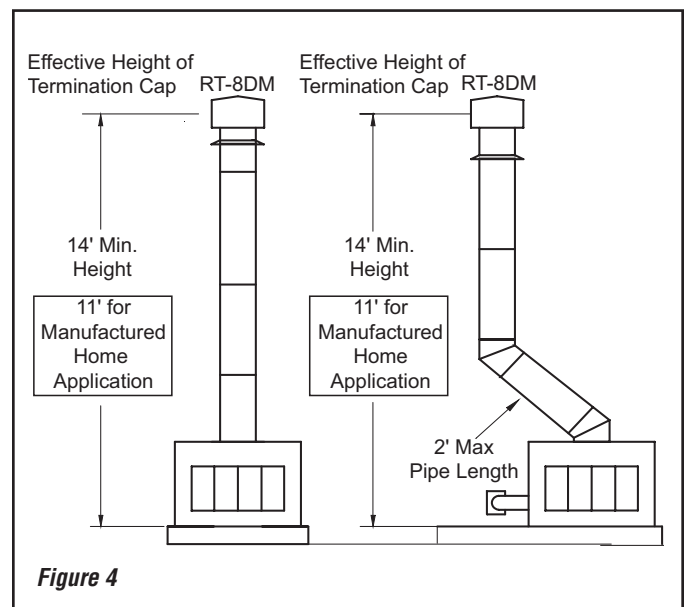
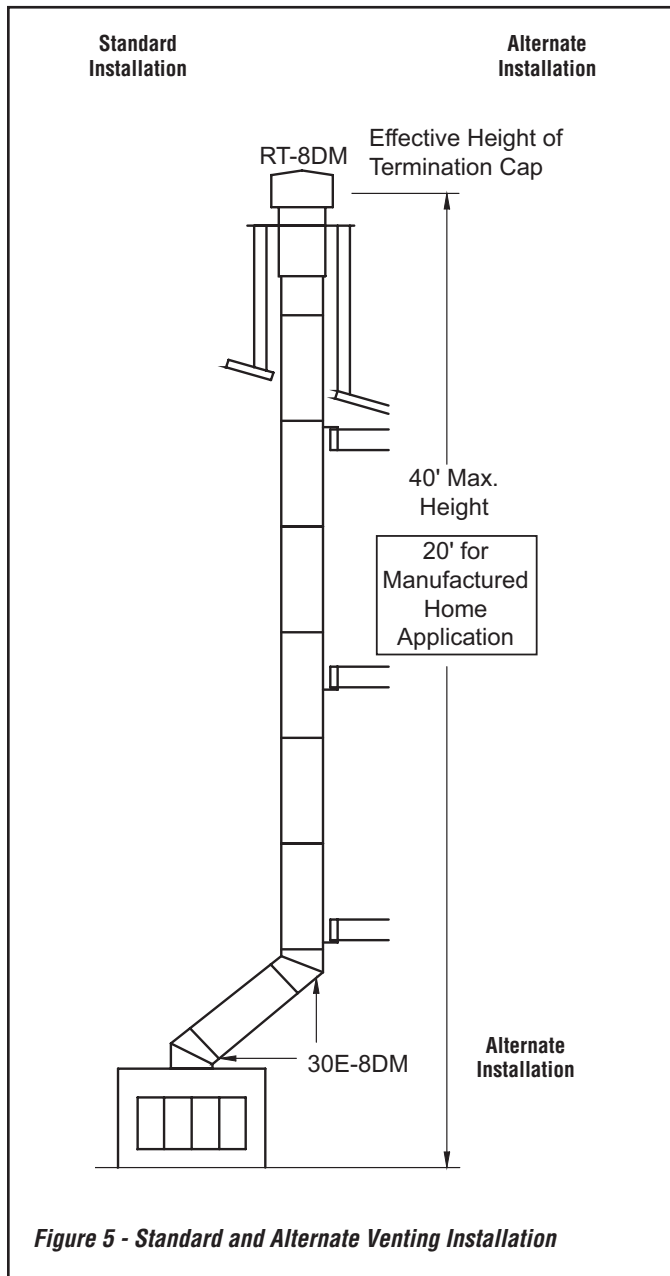


Figure 4

*For manufactured home application, minimum height is 11' for straight flue or flue with one elbow set. Maximum height of any system is 20'.

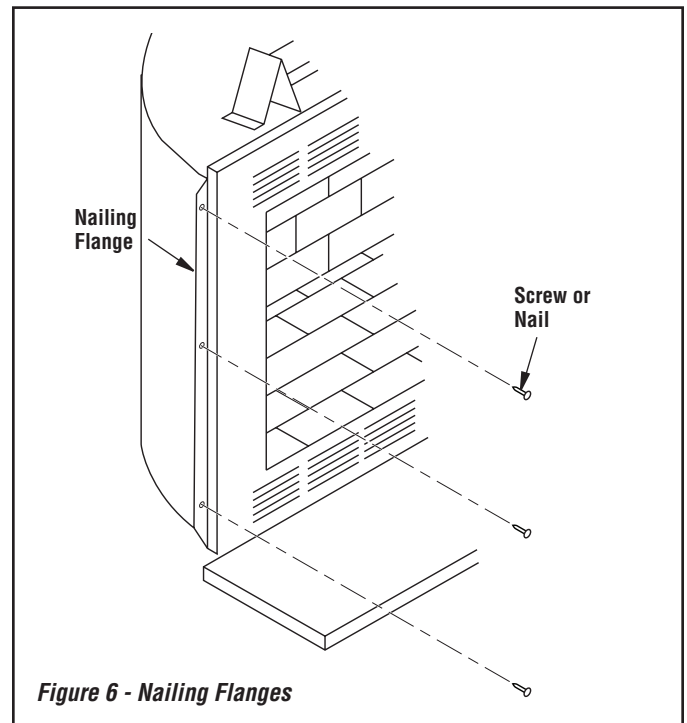
FIREPLACE INSTALLATION

Continued



FRAMING

1. Frame opening for fireplace using dimensions shown in **Figures 2 and 3**.
2. The fireplace may not be installed on carpeting, tile (other than ceramic) or any combustible material other than wood flooring, fireplace must be installed on a metal or wood panel extending full width and depth of fireplace. (It is acceptable to cover two outside ends or columns of top louver panel leaving four center columns open).
3. Set fireplace directly in front of this opening and slide unit back until nailing flanges touch side framing.
4. Check level of fireplace and shim with sheet metal if necessary.
5. Before securing fireplace to prepared framing, metal ember protector (provided) must be placed between hearth extension (not supplied) and under bottom front edge of fireplace to protect against glowing embers falling through. If fireplace is to be installed on a raised platform, a Z-type ember protector (not supplied) must be fabricated to fit your required platform height. Ember protector should extend under fireplace a minimum of 1 1/2". The ember protector should be made of metal material.
6. Using screws or nails, secure fireplace to framing through flanges located on sides of fireplace (see **Figure 6**).



FIREPLACE INSTALLATION

Continued

HEARTH EXTENSION

A hearth extension projecting a minimum of 16" in front of and a minimum of 8" beyond each side of the fireplace opening is required to protect combustible floor construction in front of the fireplace. Use an equal material which meets the following specifications: a layer of noncombustible, inorganic material having a thermal conductivity of $k = .84 \text{ BTU IN/FT}^2 \text{ HR } ^\circ\text{F}$ (or less) at 1" thick. For example, if the material selected has a k factor of 0.25, such as glass fiber, the following formula would apply:

$$0.25 \times 1.0" = 0.30" \text{ thickness required} \\ 0.84$$

Thermal conductivity "k" of materials can be obtained from the manufacturer or supplier of the noncombustible material. If the hearth extension is to be covered, use noncombustible material such as tile, slate, brick, concrete, metal, glass, marble, stone, etc. Provide a means to prevent hearth extension from shifting and seal gap between fireplace frame and hearth extension with a noncombustible material (see **Figure 7**).

WARNING

Hearth extension is to be installed only as shown in **Figure 7**.

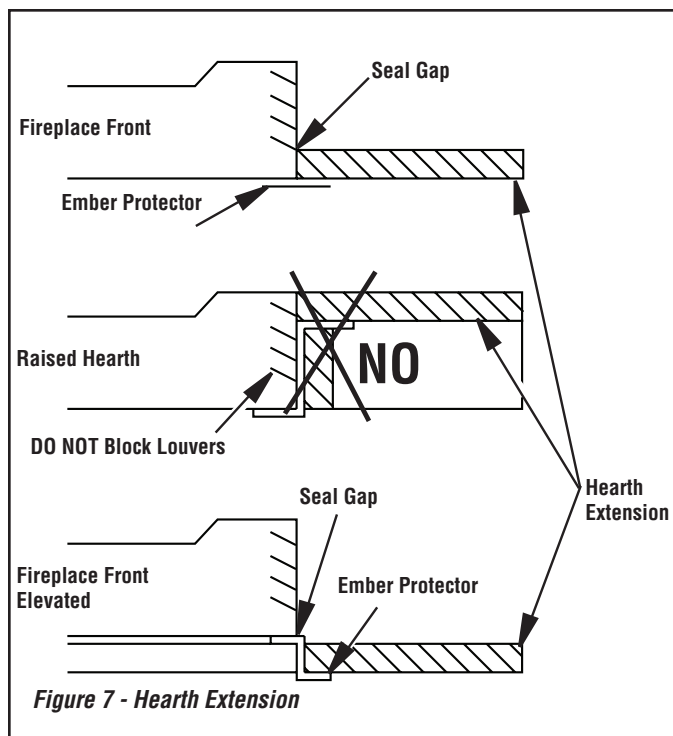


Figure 7 - Hearth Extension

FAN KIT ASSEMBLY (BK2)

A fan kit assembly is preinstalled in this fireplace. Use of blowers or fans other than model BK2 voids warranty. Fan is operated by pressing rocker switch located at lower right hand corner of fireplace face. Fan kit electrical connections are made through electrical cover plate located on side of fireplace as shown in **Figure 8**.

FAN KIT WIRING INSTRUCTIONS

1. Loosen strain relief by turning plastic screw counterclockwise.
2. Remove electrical cover plate (with strain relief) from fireplace by removing two sheet metal screws.
3. Slide power source wiring through strain relief opening and electrical cover plate and make all necessary connections.
4. Place all wiring connections into electric housing as shown in **Figure 9**.
5. Secure electrical cover plate with screws previously removed.
6. Tighten strain relief plastic screw.

NOTE: Electrical housing and cover plate have sharp edges. Wear protective gloves.

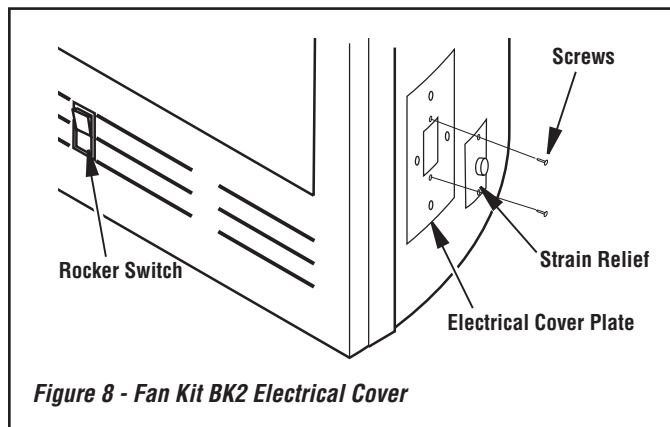


Figure 8 - Fan Kit BK2 Electrical Cover

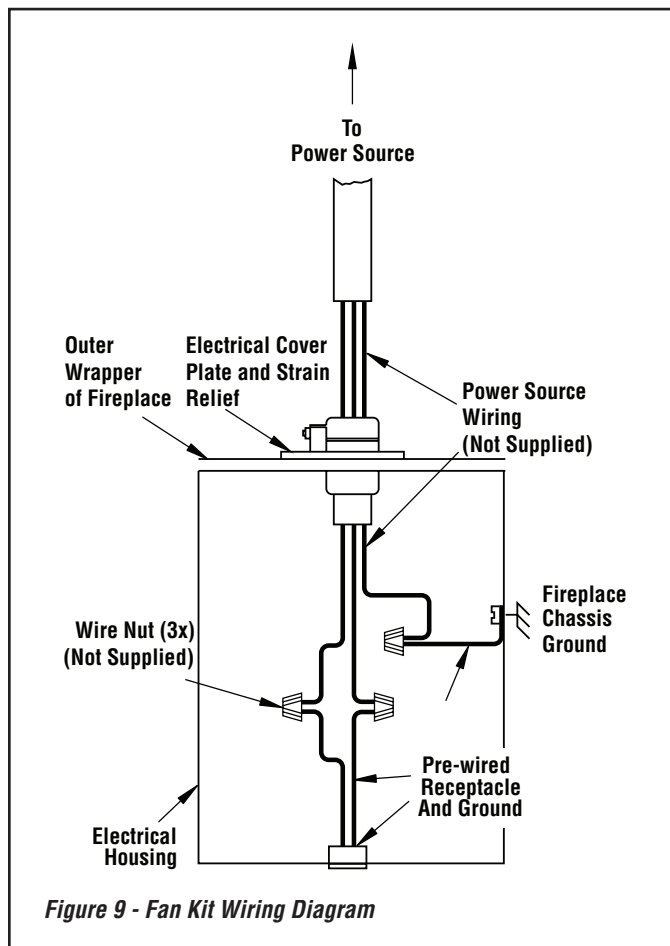


Figure 9 - Fan Kit Wiring Diagram

VENTING INSTALLATION

OUTSIDE AIR KIT

Installation of an outside air kit should be completed during the rough framing of fireplace due to nature of its location. The supplied flex duct measures approximately 10" compressed and up to approximately 36" extended. Outside combustion air is accessed through mobile home floor using air kit model AK6E, included with the fireplace, or a side wall using optional air kit model AK6-WE (see [Accessories](#) on [page 18](#)).

Installer may choose either left or right side mounting to allow for proper wall/rafter clearances.

For AK6-WE Only: Construct a 8" x 8" framing or opening on exterior wall (see [Figure 10](#)).

For AK6E Only: The outside air vent is installed through a ventilated crawl space (see [Figure 11](#)).

1. Locate and remove air inlet cover plate on fireplace's outer surround. Save screws.
2. Cut out any visible insulation that may obstruct airflow.
3. Extend flex duct to attach air inlet tube.
4. Insert inner tab of inlet tube into mating slot next to opening.
5. Place outer tab of inlet tube over mating hole next to opening and secure with screws removed from cover plate in step 1.
6. Install outside air vent termination in a location that will not be obstructed by bushes, snow, etc. Locate vent near the fireplace to make flex duct installation easier.

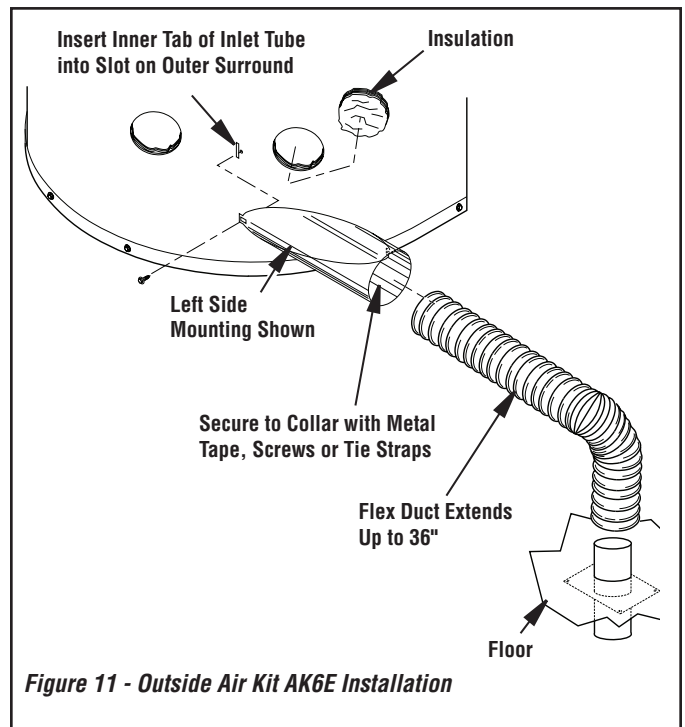


Figure 11 - Outside Air Kit AK6E Installation

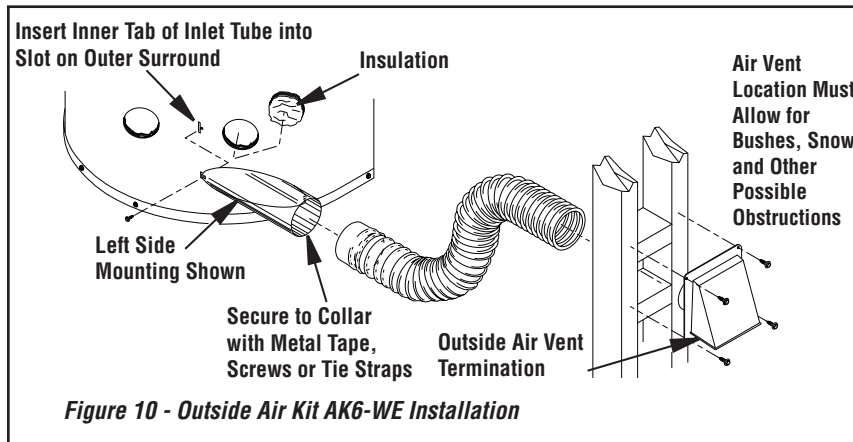


Figure 10 - Outside Air Kit AK6-WE Installation

CHIMNEY PIPE

⚠ WARNING

Label part number 900599-01 must be applied by the installer to all chimney pipe sections but is not required on sections that will be visible after the installation is complete. Label must wrap around the circumference of the pipe. See accessories, page 19 for Kit F2659.

The chimney system approved for this fireplace consists of 12", 18", 24", 36" and 48" snap-lock, double-wall pipe segments, planned for maximum adaptability to individual site requirements. Actual lengths gained after fitting overlaps must be taken into consideration (lineal gain) and are given in the lineal gain chart (see [Figure 12](#)). Lineal Gain is the actual measurable length of a part after two or more parts are connected.

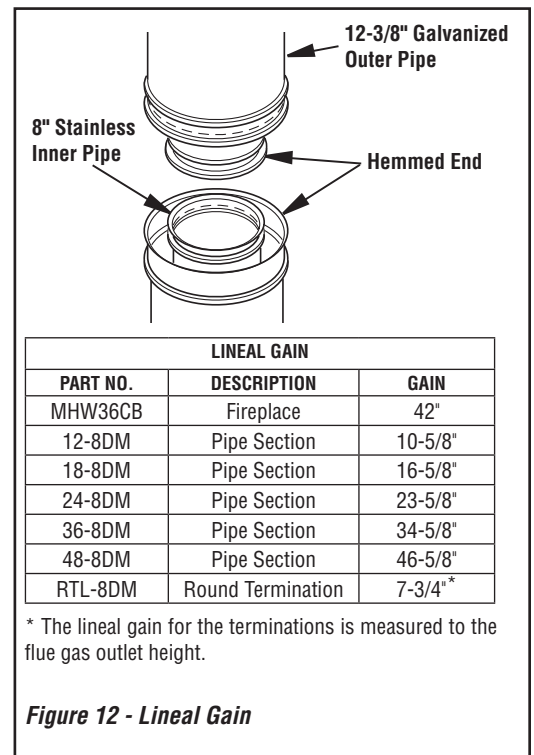


Figure 12 - Lineal Gain

VENTING INSTALLATION

Continued

There are three vent kits available which have been specially designed for common installations in manufactured (mobile) homes: MW8K (8' vent kit), MW9K (9' vent kit) and MW8K-HT (8' HT vent kit). Contents of these kits are listed under *Accessories* on **page 20**. **IMPORTANT:** If height of chimney assembly exceeds requirements for transportation of home, chimney installation may be completed after home is sited.

NOTE: Termination must always be installed after the home is sited.

ASSEMBLY AND INSTALLATION OF DOUBLE WALL CHIMNEY SYSTEM

Each double wall chimney section consists of a galvanized outer pipe, a stainless steel inner flue pipe and a wire spacer. Pipe sections must be assembled independently as chimney is installed. When connecting chimney directly to fireplace, inner flue pipe section must be installed first with lanced side up. Outer pipe section can then be installed over flue pipe section with hemmed end up. Press down on each pipe section until lances securely engage hem on fireplace starter. Wire will assure proper spacing between inner and outer pipe sections.



WARNING

The opening in the collar around the chimney at the top of the fireplace must not be obstructed. Never use blown insulation to fill the chimney enclosure.

Continue to assemble chimney sections as outlined above, making sure that both inner and outer pipe sections are locked together. When installing double wall snap-lock chimney together, it is important to assure that the joint between chimney sections is locked. Check by pulling chimney upward after locking. Chimney will not come apart if properly locked. It is not necessary to add screws to keep chimney together (exception, see **Figure 18, page 11**)

ADJUSTABLE FIRESTOP THIMBLE

This adjustable thimble adjusts to the most commonly used ceiling pitches automatically. Refer to the following procedure for installing the adjustable thimble:

The adjustable thimble may be installed around the chimney components at assembly or the chimney components may be inserted through the installed thimble.

Install the thimble from below a finished roof and ceiling assembly. Push the thimble assembly (tube section first) up into an already prepared opening and secure open end of the thimble base to the finished underside of the roof and ceiling assembly (**Figure 13**).

Note: The two screws on which the thimble base pivots may be removed and reinstalled into any of the series of placement holes provided for the adjustment of the adjustable thimble's point of rotation (**Figure 13A**). Adjust the pivot screens to locate the open end of the tube section as required for the roof line. Additional screws may be placed at the high and low points of the thimble base in the tabs provided.

Place the thimble base against the finished roof and ceiling assembly and secure it to the framing with screws or nails. The thimble is self-adjusting around inserted chimney components. Thimble extensions are available and may be installed into the adjustable thimble's tube section as needed to extend the thimble through the roof-line. Secure the thimble extension to the tube section with screws no more than 1/2" in length.

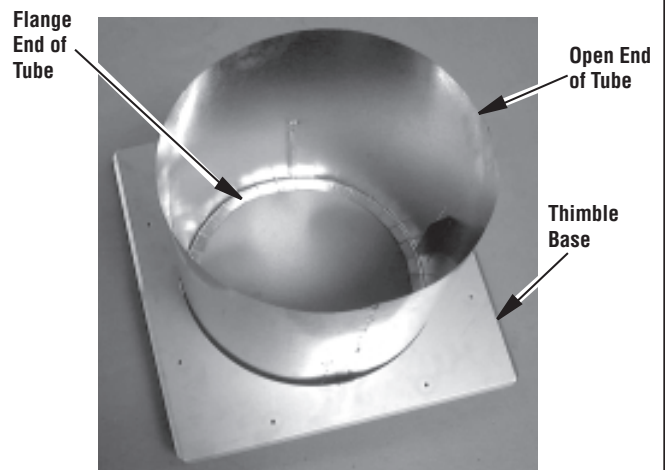


Figure 13 - Attaching Adjustable Thimble

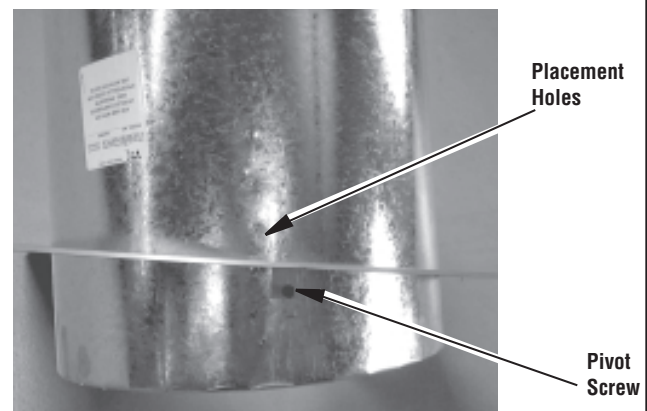


Figure 13A - Attaching Adjustable Thimble

Position appropriate thimble/firestop spacer combination at ceiling and nail temporarily with two (2) 8d nails or equivalent fasteners (see **Figures 14A, 14B and 14C**). Use one fastener on opposite sides to hold thimble/firestop spacer combination in position. Nail permanently, using at least two (2) more fasteners, after chimney sections have been assembled through the thimble/firestop spacer combination and after any necessary adjustments

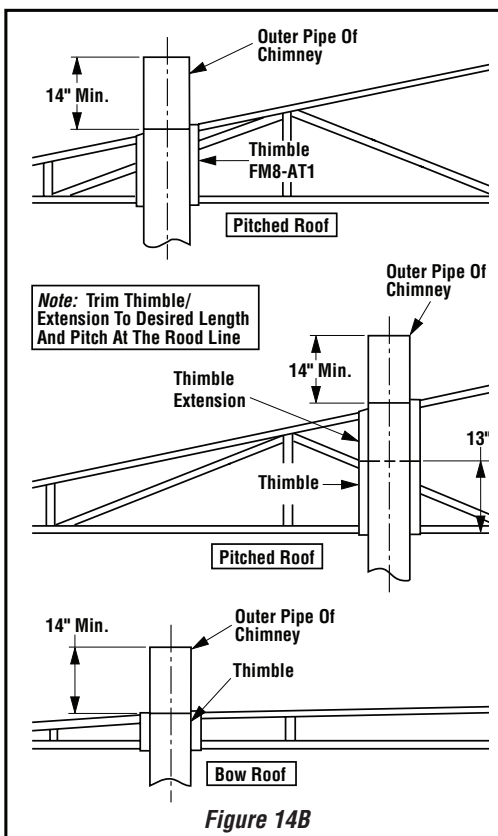
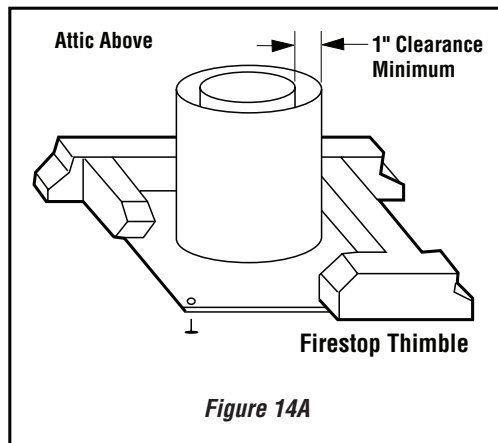
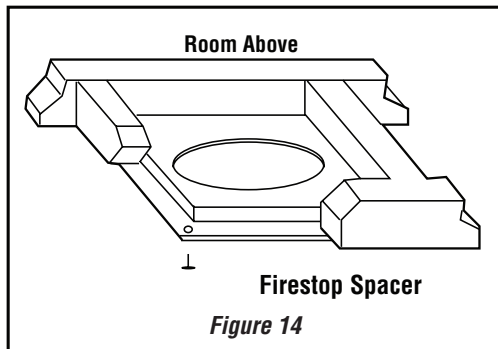
have been made. Firestop spacer must be secured by at least four (4) fasteners when completely installed.

Note: If there is a room above ceiling level, firestop spacer must be installed on the bottom side of the ceiling. If an attic is above ceiling level, firestop thimble must be installed on the bottom side of ceiling joist (**Figure 14**).

Note: The installation of the thimble extension is not required in manufactured homes having ventilated attic spaces, when the chimney height is equal to or greater than 12 feet.

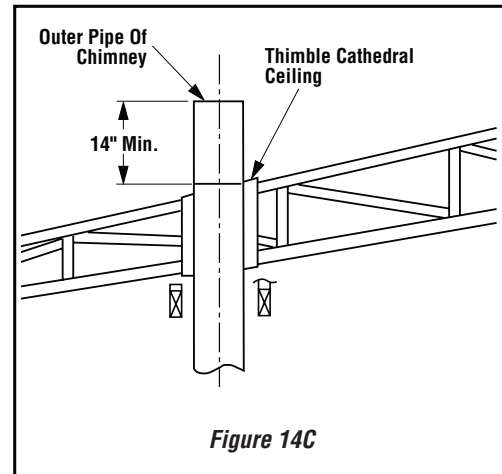
Ensure the thimble penetrates the roof opening. The thimble must extend completely through the ceiling or roof cavity to the outermost plane of the roof. **Note:** Thimble extensions are available from your dealer for constructions in which the distance between the outside of the roof and the inside of the ceiling exceeds 13". The thimbles and their extensions provide for zero clearances to combustibles and must be used at the ceiling/roof in manufactured homes (see **Figures 14B and 14C**).

VENTING INSTALLATION
Continued



WARNING

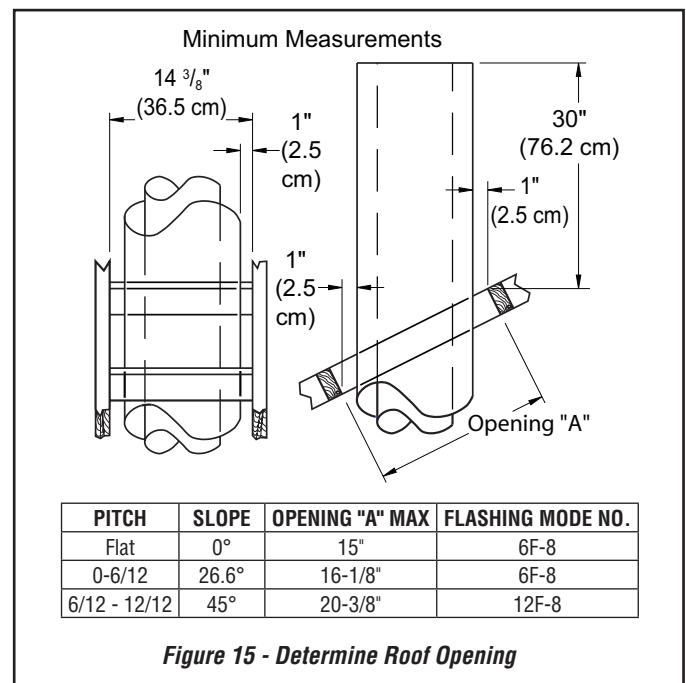
Do not allow insulating materials to be blown into the space inside the thimble and the chimney. To do so could result in a fire hazard.



PENETRATING ROOF

To maintain a 1" clearance to pipe on a roof with a pitch, a rectangular opening must be cut.

1. Determine center point through which pipe will penetrate the roof.
2. Determine center point of the roof. Pitch is the distance the roof drops over a given span, usually 12". A 6/12 pitch means that the roof drops 6" for each 12" measured horizontally down from roof rafters.
3. Use roof opening chart (**Figure 15**) to determine correct opening length and flashing required.
4. Remove shingles around opening measured. Cut out this section.
5. Add next sections of pipe until end penetrates roof line. Check to see that proper clearances are maintained. Extend chimney by adding sections of double wall pipe until pipe is minimum of 30" above highest point of roof cutout. Termination and chimney must extend a minimum of 36" above highest point where it passes through roof.



VENTING INSTALLATION

Continued

USING ELBOW OFFSETS (30E-8DM)

1. To achieve desired offset, you may install combinations of 12", 18", 24", 36" and 48" length of double wall pipe (see offset chart and Figure 16).

OFFSET A	RISE B	CHIMNEY LENGTH				
		48"	36"	24"	18"	12"
4 3/8"	16 3/8"	ELBOW SET ONLY				
9"	25 3/4"					1
11 7/8"	31"				1	
15"	37 3/8"			1		
16 3/4"	40 1/2"				1	1
20"	47 1/8"		1			
22 5/8"	52 1/8"			1	1	
25 1/2"	57 7/8"	1				
27 5/8"	62"		1		1	
30 3/8"	67 1/4"	1				1
33"	72 5/8"	1			1	
35 3/4"	78"		2			
37 7/8"	82"	1			1	1
41 1/4"	88 5/8"	1	1			
43 3/8"	92 3/4"		2		1	
46 5/8"	99 3/8"	2				
48 3/4"	103 1/2"	1	1		1	
51 1/2"	108 7/8"	2				1
54 1/4"	114 1/8"	2			1	
57"	119 1/2"	1	2			
59"	123 5/8"	2			1	1
61 3/4"	129"	1	2			1
64 1/2"	134 3/8"	1	2		1	
67 1/4"	139 5/8"		4			

OFFSET CHART (22-50 FT. SYSTEM HEIGHT)

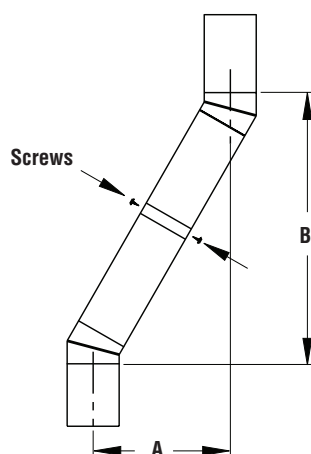


Figure 14 - Elbow Offset

2. Chimney weight above offset rests on return elbow. Straps must be securely nailed to rafters or joists (see Figure 17, details A and B).
3. Maximum length of pipe between supports (return elbow or 12S-8DM) is 6' of angle run. Maximum of two 6' angle run sections per chimney system (see Figure 16).
4. All pipe connections between offset and return must be secured with two screws on outer pipe only (see Figure 18, page 11). Do not penetrate inner stainless.

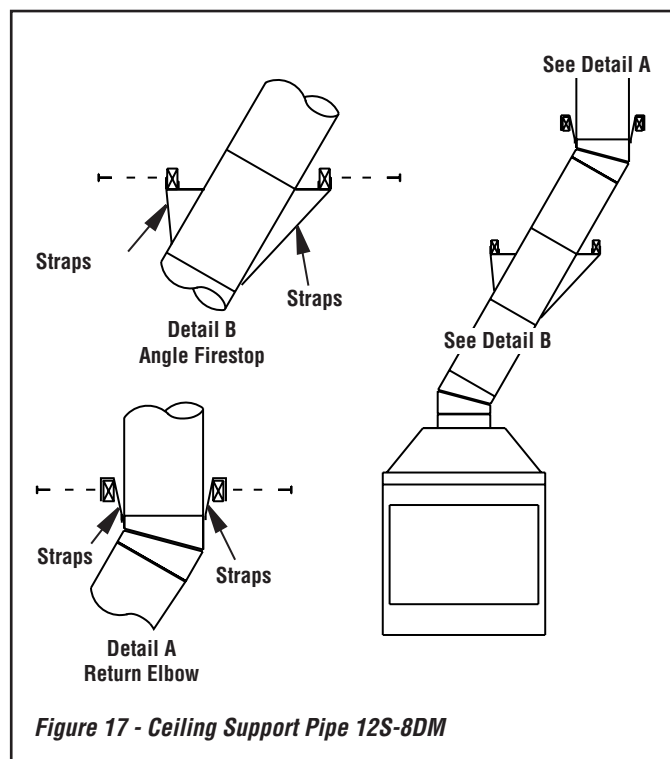
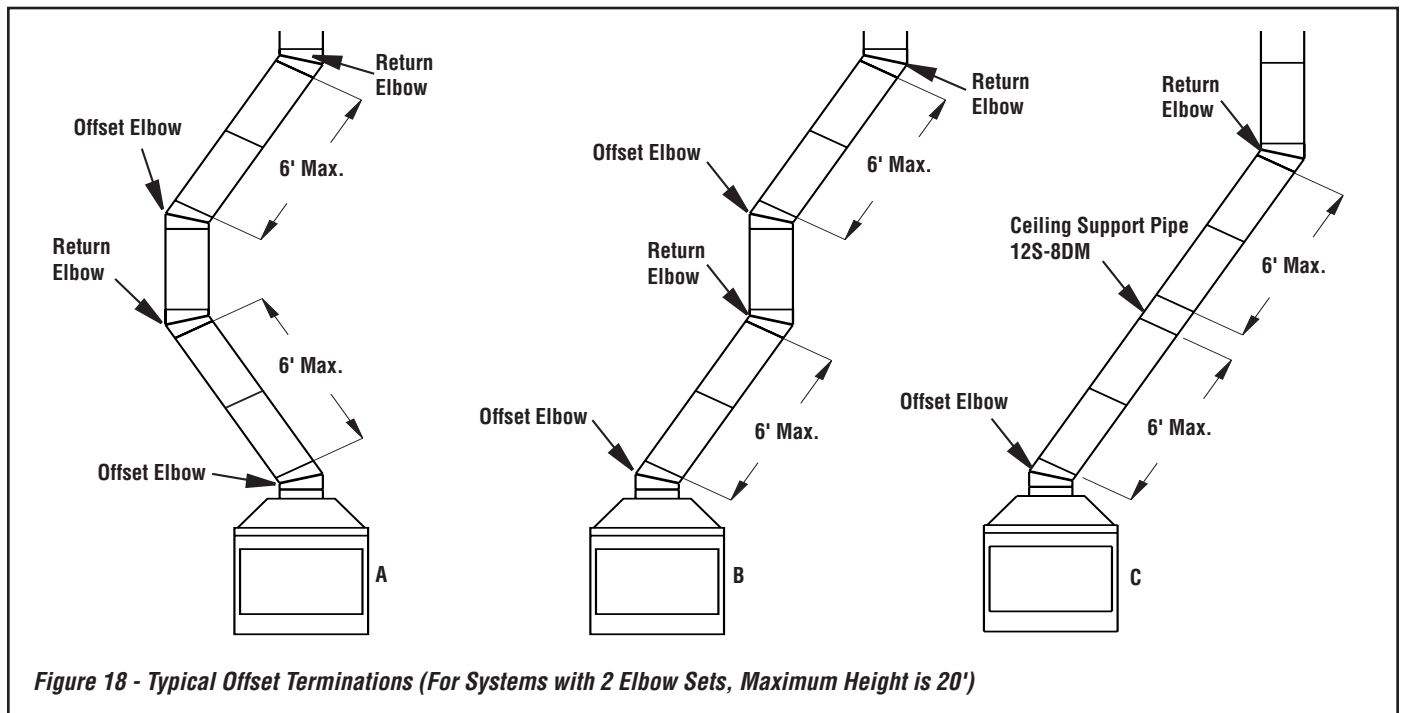


Figure 17 - Ceiling Support Pipe 12S-8DM

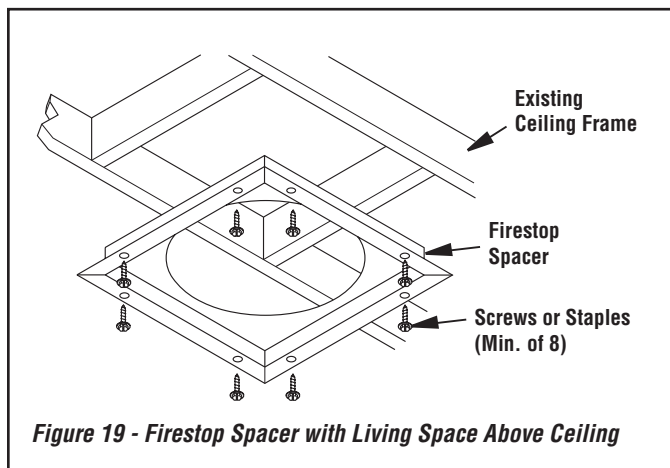
VENTING INSTALLATION

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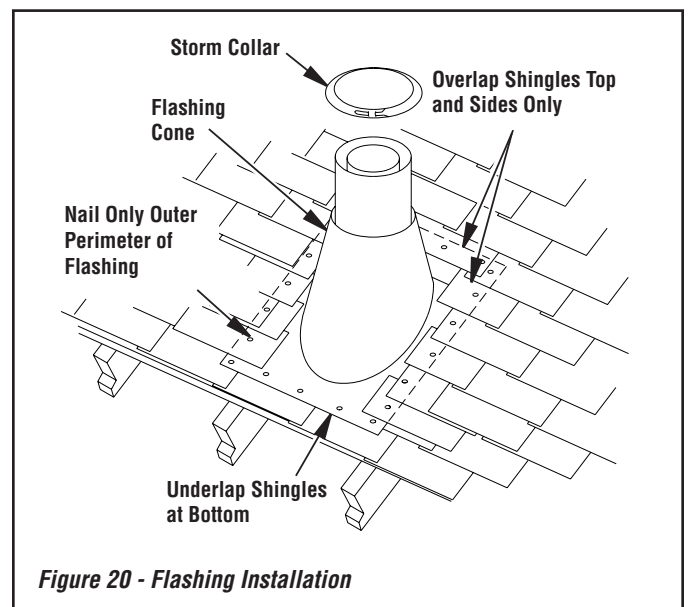
FIRESTOP SPACERS (3600FS-8DM-1)

Firestop spacers are required at each point where the chimney penetrates a floor space. Their purpose is to establish and maintain the required clearance between the chimney and the combustible materials. When the pipe passes through a framed opening into a living space above, the firestop must be placed onto the ceiling from below as shown in **Figure 19**.



FLASHING INSTALLATION (V6F-8DM OR V12F-8DM)

Determine the flashing to be used with the roof opening chart. Slide flashing over pipe until base is flat against roof. Replace as many shingles as needed to cover exposed area and flashing base. Secure in position by nailing through shingles (see **Figure 20**). DO NOT NAIL THROUGH FLASHING CONE.



Installing Flashing on a Metal Roof

When installing flashing on a metal roof, it is required that putty tape be used between flashing and roof. Flashing must be secured to roof using #8 x 3/4" screws and then sealed with roof coating to prevent leakage through screw holes. A roof coating must also be applied around the perimeter of flashing to provide a proper seal.

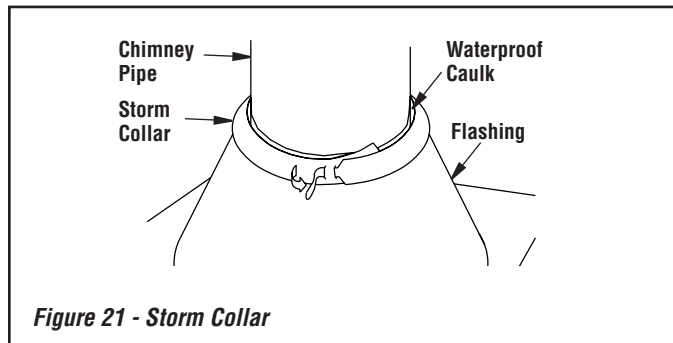
VENTING INSTALLATION

Continued

Storm Collar Installation (SC1)

Place storm collar over pipe and slide down until it is snug against the open edge of flashing (see **Figure 21**). Use SC1 for all round terminations.

NOTE: Storm collar is required but can be installed after the home is sited.



Terminations/Spark Arrestor

Fireplace system must be terminated with listed round top termination. In any case, refer to installation instructions supplied with termination. Terminations approved for this fireplace are RT-8DM and RTL-8DM. **Figure 22** shows an RTL-8DM round top termination.

IMPORTANT: Terminations are required but can be installed once the manufactured house is sited.

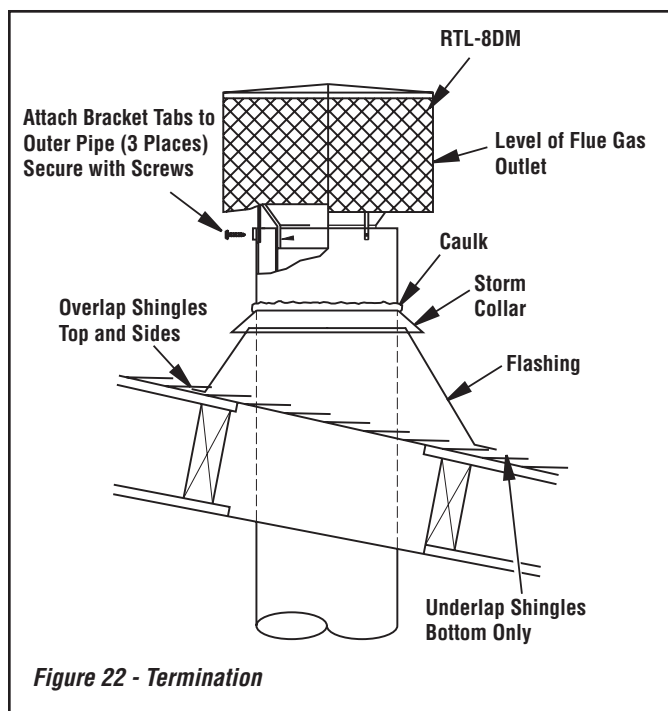


CAUTION

Do not seal openings on the rooftop flashing. Follow the installation instructions provided with the termination being used.

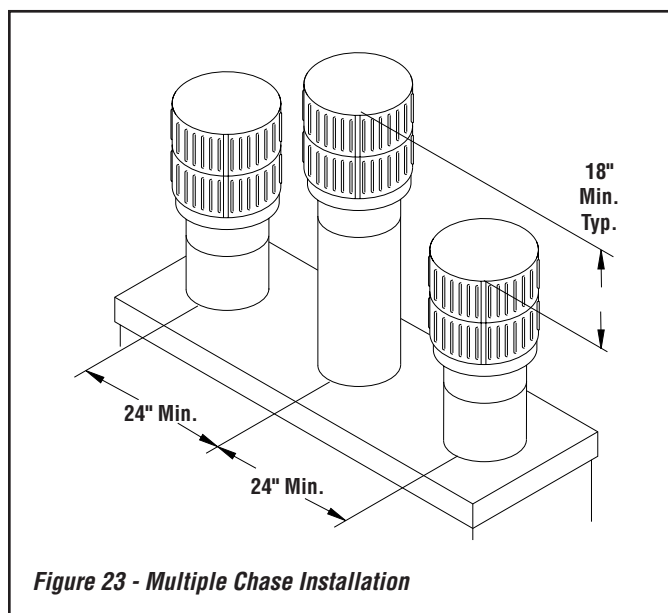
Terminations with 16" slip pipe sections are available. The RTT-8DM and RTTL-8DM are approved for flashing installations. When needed, these adjustable terminations may be used in combination with the pipe assembly to achieve correct chimney height.

NOTE: In the rare instance there is a problem with side driven rain or wind, or the chimney is not drafting properly, an ADS-8DM Anti Draft Shield can be used with round terminations.



CHASE INSTALLATIONS

Instructions for chase installations are included with chase style termination chosen. In a multiple chase installation, be sure to provide adequate distance between terminations to prevent smoke spillage from one termination to another. We suggest that terminations be separated at least 24", center to center and stacked at a vertical height difference of 18" (see **Figure 23**).



VENTING INSTALLATION

Continued

10 FOOT RULE

All flue gas outlet chimney terminations must extend a minimum of 3 feet in height above the highest point where it passes through the roof and must be at least 2 feet above the highest point of the roof that is within a horizontal distance of 10 feet (see **Figure 24**).

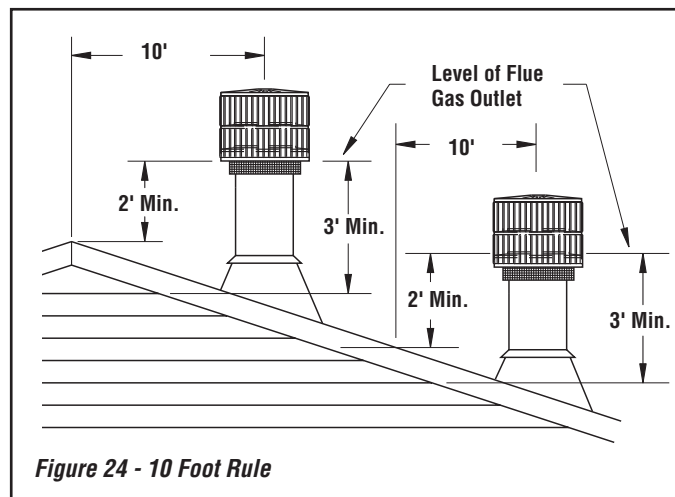


Figure 24 - 10 Foot Rule

CHIMNEY SUPPORT BRACKET KIT: CSK-8DM

If exposed portion of chimney is greater than five feet above roofline, support wires are recommended to keep chimney secured. Support wires must be attached to chimney support brackets. Chimney support brackets must be attached to outer pipe of chimney with self-drilling screws provided in kit (screws must not penetrate inner flue pipe). The angle of support wires should not be more than 45° from horizontal when fastened to roof. Place chimney support brackets approximately 18" below fireplace termination and space brackets approximately 120° apart (see **Figure 25**) Follow instructions included in kit.

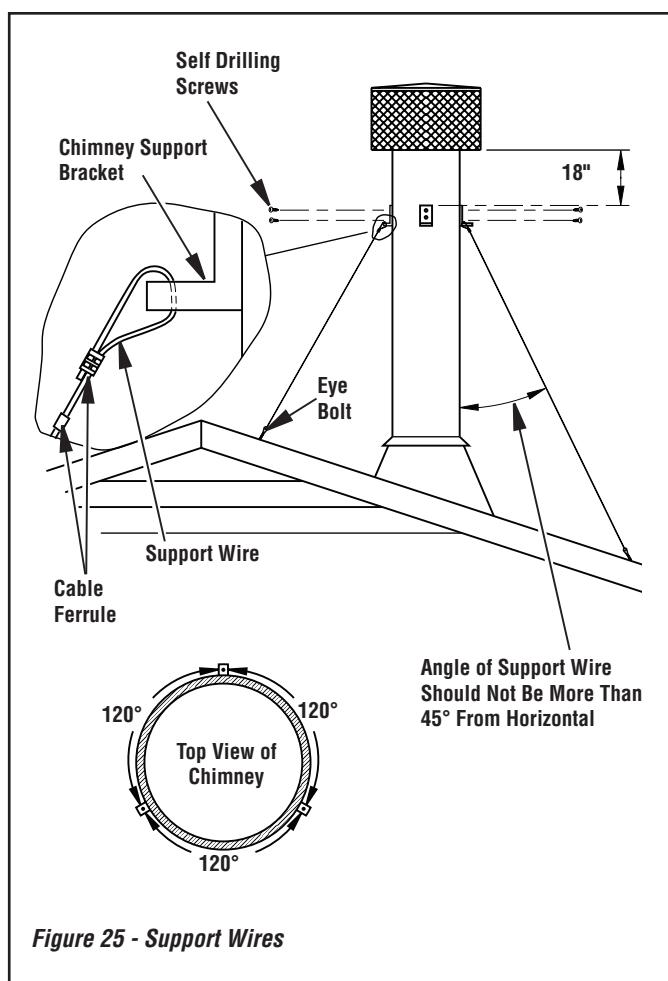


Figure 25 - Support Wires

OPTIONAL GAS LINE INSTALLATION

Permanently Located (Sited) Homes Only

Gas line hook up should be done by your supplier or a qualified service person.

NOTE: Before you proceed, make sure your gas supply is turned off.

A gas line may be installed for the purpose of installing a vented or vent free appliance available through your local distributor. Use only a 1/2" black iron pipe and appropriate fittings. When installing a gas line, a shutoff valve designed for installation outside appliance is recommended.

1. Remove knockout indentation on refractory or firebrick wall located above the refractory hearth floor. Knockout indentation must be firmly tapped with any solid object such as a 1/2" dowel until it is released. Remove fragmented portions of refractory (see **Figure 26**).
2. Remove gas line cover plate located on either side of fireplace and pull out insulation from gas line conduit sleeve. Save insulation for reuse. Replace screws.

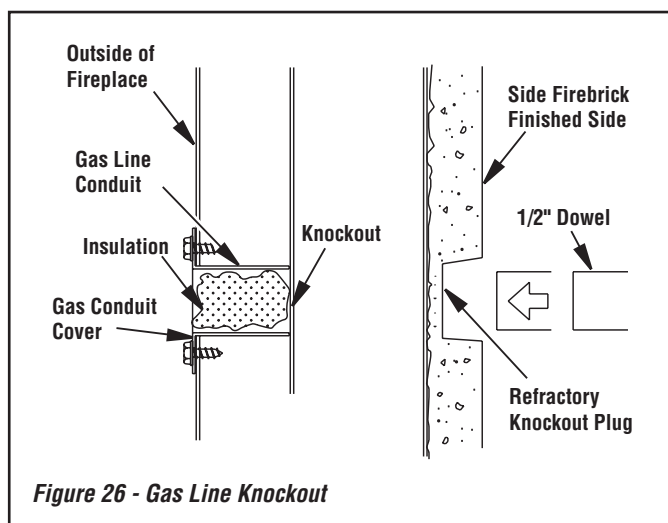


Figure 26 - Gas Line Knockout

OPTIONAL GAS LINE INSTALLATION

Continued

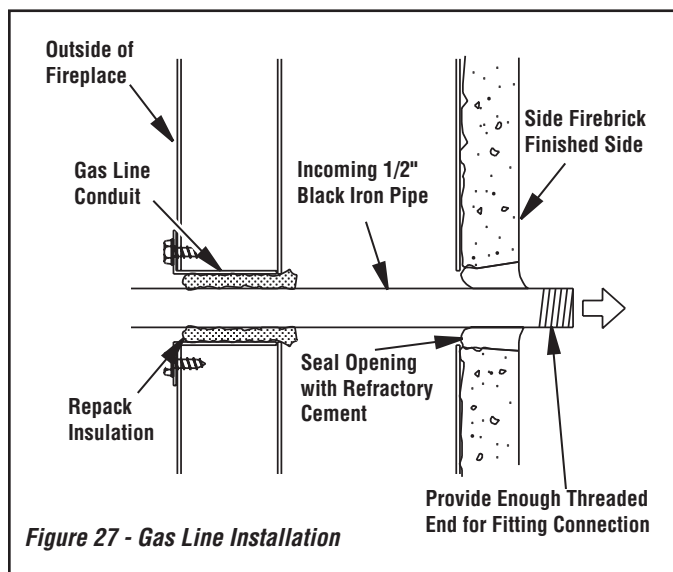
3. Run a 1/2" black iron gas line into fireplace through rear at gas line conduit sleeve (if using a raised platform, add height). Provide sufficient gas line into fireplace chamber for fitting connection (see **Figure 27**).

NOTE: Secure incoming gas line to wood framing to provide rigidity for threaded end.

4. Repack insulation around gas line and into sleeve opening. Seal any gaps between gas line and refractory knockout hole with refractory cement or commercial furnace cement. Install gas appliance or cap off gas line if desired.

CAUTION

All gas piping and connections must be tested for leaks after the installation is completed. After ensuring that the gas valve is on, apply soap and water solution to all connections and joints. Bubbles forming show a leak. Correct all leaks at once. DO NOT USE AN OPEN FLAME FOR LEAK TESTING AND DO NOT OPERATE ANY APPLIANCE IF A LEAK IS DETECTED. LEAK TESTING SHOULD BE DONE BY A QUALIFIED SERVICE PERSON.



NOTE: Secure incoming gas line to wood framing to provide rigidity for threaded end.

If you wish to install an unvented (vent-free) gas log set, ONLY UNVENTED GAS LOG SETS WHICH HAVE BEEN FOUND TO COMPLY WITH THE STANDARD FOR UNVENTED ROOM HEATERS, ANSI Z21.11.2, ARE TO BE INSTALLED IN THIS FIREPLACE.

A vent-free log may be installed in an aftermarket,* permanently located, manufactured (mobile) home, where not prohibited by locator.

*Aftermarket: Completion of sale, not for purpose of resale, from the manufacturer.

NOTE: A hood must be installed when using an vent-free gas log set (see *Accessories*, **page 18**).

If you install a decorative gas appliance (vented gas log), the decorative gas appliance must comply with the Standard for Decorative Gas Appliance for Installation in Solid Fuel Burning Fireplaces, ANSI Z21.60/CSA 2.26 or Z21.84 and shall also be installed in accordance with the National Fuel Gas Code, ANSI Z223.1/NFPA 54 National Fuel Gas Codes (USA) and CAN/CGA-B149.1 National Gas And Propane Installation Code (Canada) - latest edition.

WARNING

Do not operate an unvented gas log set in this fireplace with the chimney removed.

WARNING

If the fireplace has been used for wood burning, the firebox and chimney must be cleaned of soot, creosote and ashes by a qualified chimney cleaner. Creosote will ignite if heavily heated.

WARNING

When using a decorative vented gas log, the damper must be removed or permanently locked in the fully open position and the glass doors must be in the fully open position.

FINISHING FIREPLACE

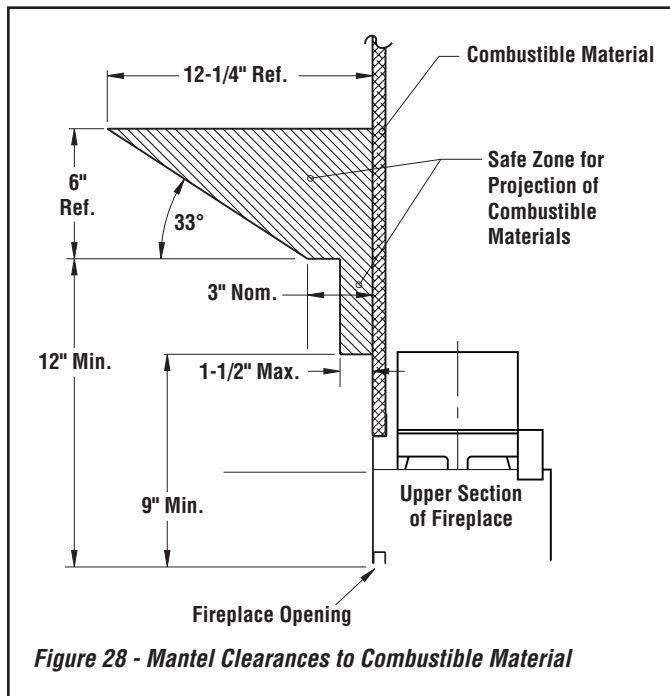
Combustible materials, such as wallboard, gypsum board, sheet rock, dry-wall, plywood, etc. may make direct contact with sides and top around the fireplace face. It is important that combustible materials do not overlap the face itself. Brick, glass, tile or other noncombustible materials may overlap the front face provided they do not obstruct essential openings like louvered slots or any other opening. When overlapping with a noncombustible facing material, use only noncombustible mortar or adhesive.

MANTELS

A mantel may be installed if desired (*see Figure 28*). Woodwork such as wood trims, mantels or any other combustible material projecting from the front face must not be placed within 9" of the fireplace opening. Combustible materials above 9" and projecting more than 1-1/2" from the fireplace must not be placed less than 12" from the top opening of the fireplace (NFPA 211, Section - Clearance from Combustible Material).

It is acceptable to cover two outside ends or columns of top louver panel leaving four center columns open.

NOTE: HUD requirements may supersede these minimum dimensions.



OPERATION AND MAINTENANCE GUIDELINES

GLASS DOORS

Glass doors are standard with fireplace. When fireplace is in operation, doors must be FULLY OPENED or FULLY CLOSED position only or a fire hazard may be created (*see Figure 29*).

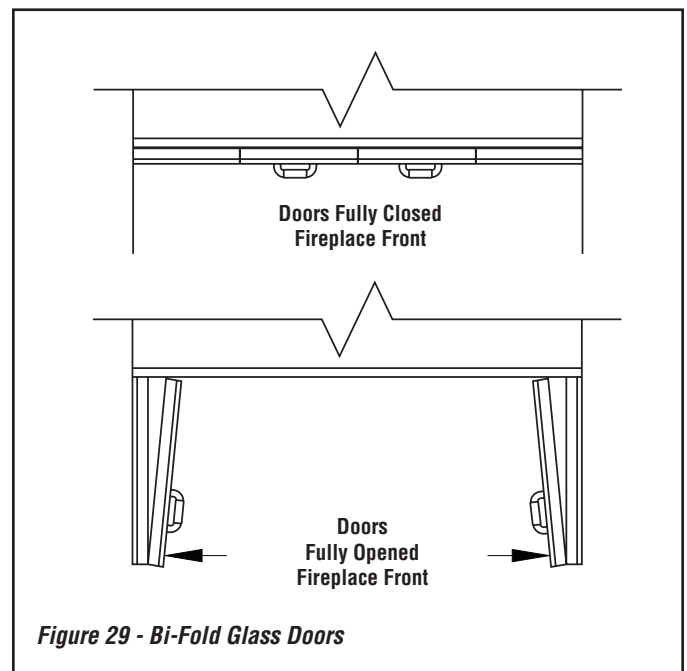
A fireplace equipped glass doors operates much differently than a fireplace with an open front. A fireplace with glass doors has a limited amount of air for combustion. Excessive heat within fireplace can result if too large a fire is built or if combustion air gate is not completely open. The following tips should be followed to assure that both fireplace and glass door retain their beauty and function properly. Both flue damper and glass doors must be fully opened before starting the fire. This will provide sufficient combustion air and maintain safe temperatures in firebox.

IMPORTANT: Glass must be allowed to warm slowly and evenly. Tempered glass will withstand a gradual temperature rise to 550° Fahrenheit, which is more than a normal fire will generate.

Such materials as pitch/wax laden logs, very dry mill end lumber, and large amounts of paper or cardboard boxes can create an excessively hot fire and should not be burned in this fireplace. Always keep fire back from doors and never allow flames to contact glass.

WARNING

Fireplaces equipped with glass doors should be operated only with doors fully opened or fully closed. Doors, if left partly open, may draw gas and flame out of the fireplace opening creating risks of both fire and smoke.

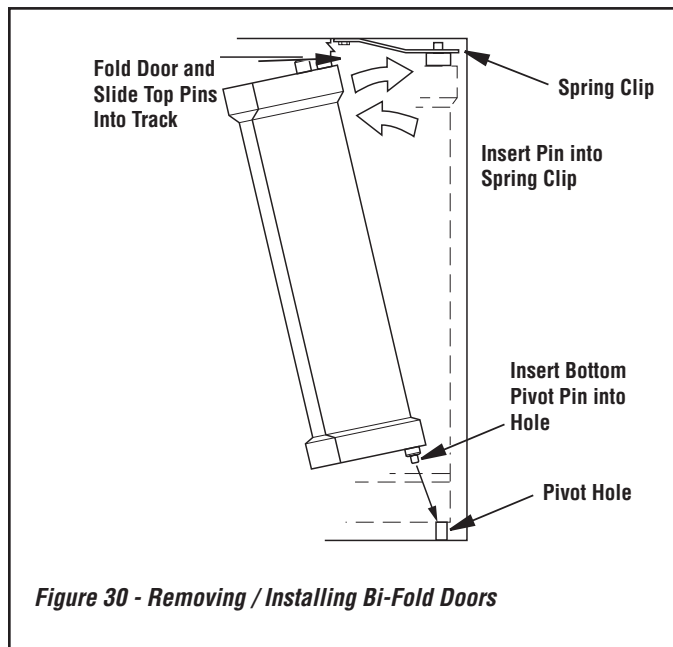


OPERATION AND MAINTENANCE GUIDELINES

Continued

Door Removal

1. Fold doors (fully open) and press up on upper door spring clip until top pin is free of the spring clip (see **Figure 30**). Tip door toward middle of fireplace opening and lift door out of the lower pivot hole.
2. Repeat step 1 for remaining door.



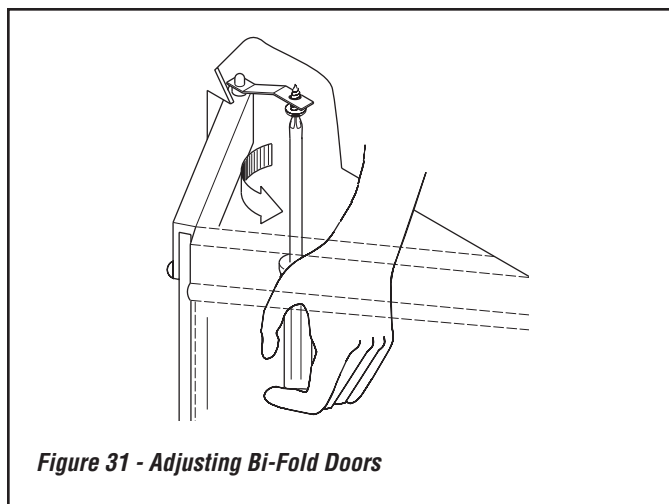
Installing Glass Doors

1. With bi-fold doors completely folded, insert bottom pivot pin into pivot hole located near bottom corner of front face opening and swing door to vertical position making sure top pins slide into door track. Door is installed when top door pin snaps into spring clip (see **Figure 30**).
2. Repeat step 1 for remaining door.

If you find the doors do not close properly or do not appear level or straight, proceed with section on door adjustment.

Door Adjustment

Remove doors and slightly loosen lower pivot clips and upper spring clips. Replace doors and fully close them. Use 1/8" shims (any material) to level doors. Once proper setting is achieved, carefully open doors enough so that you can access spring clips with a phillips screwdriver. Tighten screws. See **Figure 31**.

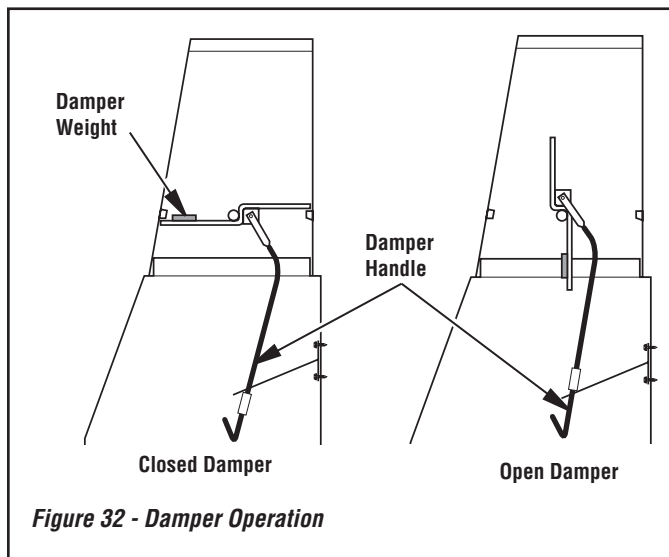


CLEANING GLASS

Clean the glass with any commercial glass cleaner or soap and water. Do not use any abrasive material to clean glass. Do not clean glass with any cool water if glass is still hot from fire and smoke.

DAMPER OPERATION

The damper handle, which opens and closes damper blade, is located inside firebox at center towards back wall. Pushing handle back in keyway slot will free damper blade to automatically open. To close, reach in and push handle back into keyhole slot then pull down and forward to lock it in place (see **Figure 32**). Damper is not designed to be airtight. A small gap around damper blade is normal.



WARNING

Risk of fire! Always replace grate with IHP part number 11116 grate only. This grate has been designed to keep the operation of your fireplace safe and efficient.

OPERATION AND MAINTENANCE GUIDELINES

Continued

LOCATING ACCESS COVER PLATE

Sheet metal cover plates located underneath front hearth refractory may have shifted or moved out of place while fireplace was in transit. These cover plates must be kept in the proper location prior to using the fireplace (See **Figure 33**). For further operating guidelines, instructions and warranty information, please refer to your homeowner's guide or contact your authorized dealer.

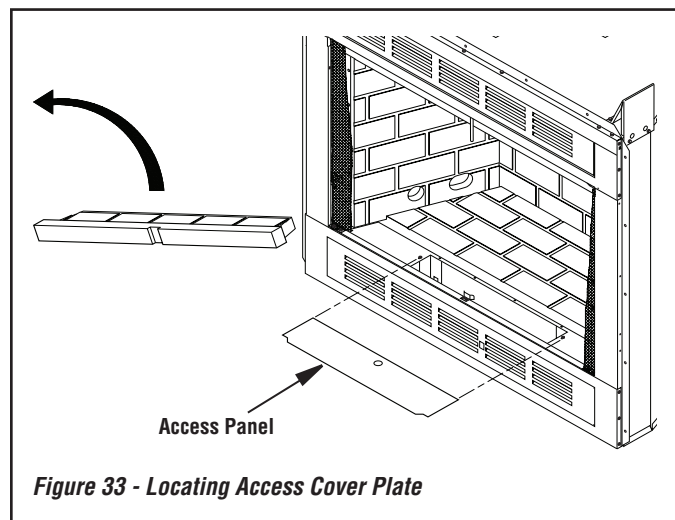


Figure 33 - Locating Access Cover Plate

TECHNICAL SERVICE

You may have further questions about installation, operation, or troubleshooting. If so, visit **SuperiorFireplaces.US.com**.

Have your model and serial numbers of your fireplace ready.

Model and serial number information are in the fireplace's rating plate located underneath the front brick liner.

You can also visit IHP's web site at **IHP.US.com**.

REPLACEMENT PARTS

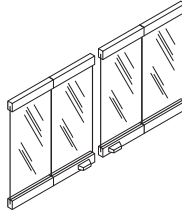
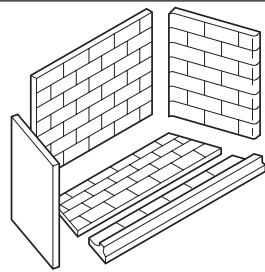
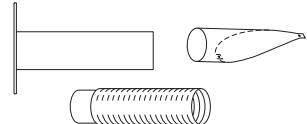
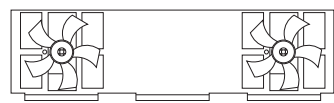
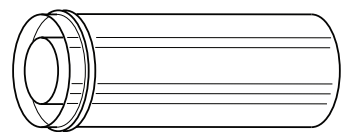
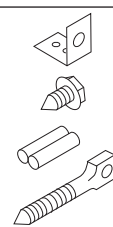
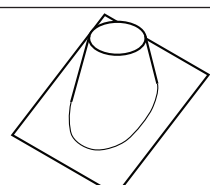
If this product is missing a part or has a broken component, please do not return it to the store. Visit **IHP.US.com** for more information.

NOTE: Use only original replacement parts. This will protect your warranty coverage for parts replaced under warranty.

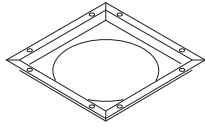
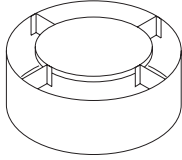
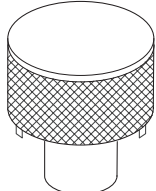
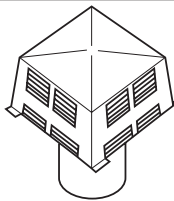
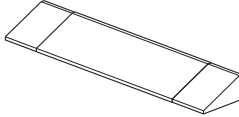
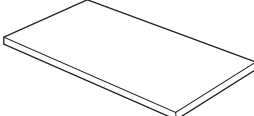
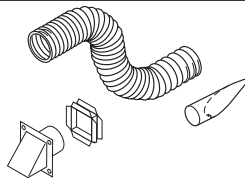
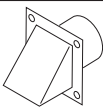
When contacting IHP, please have your model and serial numbers of your fireplace ready.

Model and serial number information are in the fireplace's rating plate located on the smoke shelf on the top right side of the fireplace opening.

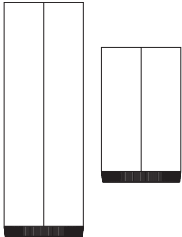
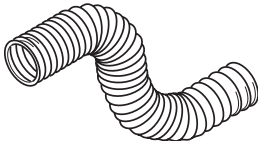
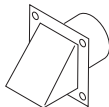
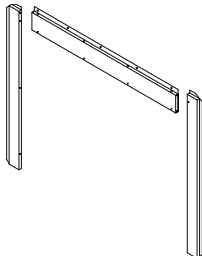
FIREPLACE ACCESSORIES

CAT NO.	MODEL	DESCRIPTION	
BI-FOLD GLASS DOORS			
J2724	VDG36E	36" Glass Door - Brushed finish	
J0468	DP36E	36" Glass Door - Platinum finish	
J2709	VDBP36E	36" Glass Door - Black finish	
EMBER PROTECTOR			
J6906		Ember Protector	
GRATE			
J4515		Grate 36"	
BRICK LINER			
J6897		Refractory Rear	
J6898		Refractory Side L/R	
J6938		Refractory Bottom Rear	
J6939		Refractory Bottom Front	
OUTSIDE AIR KIT FOR FLOOR INSTALLATION (INCLUDED)			
J7317	AK6E	Outside Air Kit	
DUAL FAN KIT			
J0161	BK2	Dual Fan blower Kit	
INSTALLATION ACCESSORIES			
DOUBLE WALL PIPE			
F0895	12-8DM	12" Section Double Wall Pipe Snap Lock	
F0896	18-8DM	18" Section Double Wall Pipe Snap Lock	
F0897	24-8DM	24" Section Double Wall Pipe Snap Lock	
F0898	36-8DM	36" Section Double Wall Pipe Snap Lock	
F0899	48-8DM	48" Section Double Wall Pipe Snap Lock	
CHIMNEY SUPPORT BRACKET KIT			Support Bracket Self Drilling Screws Cable Ferrule Eye Bolt Screw Strand Wire (50 ft) 
J0380	CSK-8DM	Kit Chimney Support Bracket	
ROOF FLASHING			
F0910	V12F-8DM	Roof Flashing 6/12 to 12/12 Pitch	
F0909	V6F-8DM	Roof Flashing 0 to 6/12 Pitch (30" Base)	

INSTALLATION ACCESSORIES Continued

FIRESTOP SPACER			
F0907	3600FS-8DM-1	1" Clearance Firestop Spacer (1ea.)	
ANTI-DRAFT SHIELD (Round Top Termination Only)			
F0927	ADS-8DM	Anti-Draft Shield for Round Top Only	
MESH ROUND TOP TERMINATIONS			
J6280	RTL-8DM	Round Top Termination	
SQUARE TOP TERMINATION WITH LOUVERS			
F0921	ETL-8DM	Square Top with Slip Section	
ADJUSTABLE HOOD Required when installing a vent-free gas log in this fireplace.			
F1764	GA6050	Black Fireplace Hood	
HEARTH EXTENSION			
J1462	HE-36	Hearth Extension - 36IN	
OPTIONAL OUTSIDE AIR KIT FOR SIDE WALL INSTALLATION			
J0010	A-K6WE	Outside Air Kit	
LABEL-UL127-50PK			
F2659	LABEL-UL127-50PK	UL127 Venting Label - 50 PK	
STORM COLLAR			
F0946	SC2-1	Storm Collar	
30° OFFSET AND RETURN			
F0900	30E-8DM	30 Degree Offset and Return	
ADJUSTABLE FIRESTOP THIMBLE			Not shown
	LB-97008A	Adjustable Firestop Thimble	
AIR INLET HOOD			
J0019	AK6-WI	Termination Outside Air Vent	

INSTALLATION ACCESSORIES *Continued*

THIMBLE EXTENSIONS			
	99L69	8" Thimble Extension	
	91L46	26" Thimble Extension	
FLEX DUCT (3 PACK)			
J1936	MP6-75	Duct Outside Air 6" x 75'	
AIR INLET HOOD (6 PACK)			
	MK6-WI	Air Inlet Hood	
FACE EXTENSION			
Front face extension would add 6" to the width and 6" to the height of the fireplace face.			
J0918	FE-36R	Face Extension (C36EMW-R)	

VENT KIT*	DESCRIPTION	J1948 MW8K (8' Vent Kit)	J1952 MW9K (9' Vent Kit)	F2122 MW8K-HT (8' HT Vent Kit)
36-8DM	36" Double Wall Pipe	2	2	0
24-8DM	24" Double Wall Pipe	1	0	0
18-8DM	18" Double Wall Pipe	0	2	0
LB97008A	Adjustable Firestop Thimble	1	1	1
V6F-8DM	Roof Flashing	1	1	1
SC1-1	Storm Collar	1	1	1
RTL-8DM	Round Cap Termination	1	1	0
RLT-8HT	Round Louvered Termination	0	0	1
36-8HT	36" Flue, 8" HT.	0	0	2
24-8HT	24" Flue, 8" HT.	0	0	1

*Use for Most Common Manufactured (Mobile) Home Installations

IMPORTANT NOTICES

CANADA

Canadian code CAN/ULC-S610-M87 and other pertinent codes require stainless steel chimney for the installation of this fireplace. A Cold Air Climate Kit is also required in Canada and is recommended for cooler regions in the United States. Below, find a list of approved stainless steel parts.

Chimney Parts List for Canada

Catalog No.	Model No.	8" Hi-Temp Wood burning Chimney
F0881	12-8HT	12" Section Hi-Temp Double Wall Pipe Snap Lock
F0882	18-8HT	18" Section Hi-Temp Double Wall Pipe Snap Lock
F0883	24-8HT	24" Section Hi-Temp Double Wall Pipe Snap Lock
F0884	36-8HT	36" Section Hi-Temp Double Wall Pipe Snap Lock
F0885	48-8HT	48" Section Hi-Temp Double Wall Pipe Snap Lock
F0886	30E-8HT	30 Degree Hi-Temp Offset and Return
F0887	12S-8HT	Hi-Temp Chimney Support (For Use With Chimney Heights In Excess of 30')
F0888	RT-8HT	Hi-Temp Round Top with Mesh Screen
F0889	RTT-8HT	Hi-Temp Round Top with Mesh Screen and Slip Section
F0890	RLT-8HT	Hi-Temp Round Top with Louvered Screen
F0891	RLTT-8HT	Hi-Temp Round Top with Louvered Screen and Slip Section
F0892	ET-8HT	Hi-Temp Pyramid Top with Slip Section
F0893	ETL-8HT	Hi-Temp Large Pyramid Top with Slip Section (use with all 8" systems)
F0894	AP-8HT	Hi-Temp Anchor Plate/Collar Assembly (for masonry fireplaces)
F0929	CAK-8	Cold Air Collar Kit - 8" Chimney

*When ordered alone, this part cannot ship via parcel delivery services.

IMPORTANT NOTICE

A manufactured shroud which has been approved by a national testing agency for use with this fireplace may be used if installed in accordance with the instructions by its manufacturer. A locally fabricated shroud may be used with IHP Shroud Leg Spacer Kit (SLK) in accordance with instructions provided with the shroud.

NOTICE: The firebox canopy (hood) must not be modified or replaced with a canopy that may be provided with the unvented decorative room heater.

CAUTION

THE STRUCTURAL INTEGRITY OF THE MANUFACTURED HOME FLOOR, WALL, AND CEILING/ROOF MUST BE MAINTAINED.

WARNING

DO NOT INSTALL IN SLEEPING ROOM OF MOBILE HOMES.

WARNING

Discontinue use of the appliance immediately if doors are damaged and contact a qualified installer for repair. Only doors certified with the appliance shall be used.

WARNING

Do not slam or strike doors. Damage can result in a hazardous condition.

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook or legal stationery. There are no margins, text, or other markings present.

Innovative Hearth Products

Superior® Brand Wood-Burning Fireplace

20 Year Limited Warranty

THE WARRANTY

Innovative Hearth Products ("IHP") 20 Year Limited Warranty warrants your Superior® Brand wood burning fireplace ("Product") to be free from defects in materials and workmanship at the time of manufacture. The Product body, firebox and ceramic glass carry the 20 Year Limited Warranty. Ceramic glass carries the 20 Year Limited Warranty against thermal breakage only. After installation, if covered components manufactured by IHP are found to be defective in materials or workmanship during the 20 Year Limited Warranty period and while the Product remains at the site of the original installation, IHP will, at its option, repair or replace the covered components. If repair or replacement is not commercially practical, IHP will, at its option, refund the purchase price or wholesale price of the IHP product, whichever is applicable. IHP will also pay IHP prevailing labor rates, as determined in its sole discretion, incurred in repairing or replacing such components for up to five years. THERE ARE EXCLUSIONS AND LIMITATIONS to this 20 Year Limited Warranty as described herein.

COVERAGE COMMENCEMENT DATE

Warranty coverage begins on the date of purchase. In the case of new home construction, warranty coverage begins on the date of first occupancy of the dwelling or six months after the sale of the Product by an independent IHP dealer/distributor, whichever occurs earlier. The warranty shall commence no later than 24 months following the date of product shipment from IHP, regardless of the installation or occupancy date.

EXCLUSIONS AND LIMITATIONS

This 20 Year Limited Warranty applies only if the Product is installed in the United States or Canada and only if operated and maintained in accordance with the printed instructions accompanying the Product and in compliance with all applicable installation and building codes and good trade practices.

This warranty is non-transferable and extends to the original owner only. The Product must be purchased through a listed supplier of IHP and proof of purchase must be provided. The Product body and firebox carry the 20 Year Limited Warranty from the date of installation. Vent components, trim components, paint and applied stains are excluded from this 20 Year Limited Warranty. The following do not carry a 20 Year Limited Warranty but are warranted as follows:

Air tubes, baffles and brick retainers – Repair or replacement for one year from the date of installation

Cast iron parts – Replacement for one year from date of installation

Catalyst – Carries a separate warranty. Refer to the warranty certificate provided for that part

Electrical components – Repair or replacement for one year from the date of installation

Fireplace screens, refractory and side shields (metal or refractory) – Repair or replacement for two years from date of installation. Excludes hairline cracks.

Fuel grates – These parts are considered consumable accessories and therefore are not warranted, with the exception of defects in material or workmanship which are covered for 90 days from the date of installation

Gaskets – Replacement for one year from date of installation

Gold & nickel plating – Replacement for two years from date of installation. Excludes tarnishing

Optional glass doors – Repair or replacement for 90 days from the date of installation

Refractory & screens – Replacement for two years from date of installation. Excludes hairline cracks

Removable air tubes – Repair or replacement for seven years from date of installation. IHP prevailing labor rates for years one through five.

Labor coverage – Prevailing IHP labor rates apply for the warranty period of the component.

Parts not otherwise listed carry a 90 day warranty from the date of installation.

Whenever practicable, IHP will provide replacement parts, if available, for a period of 10 years from the last date of manufacture of the Product.

IHP will not be responsible for: (a) damages caused by normal wear and tear, accident, riot, fire, flood or acts of God; (b) damages caused by abuse, negligence, misuse, or unauthorized alteration or repair of the Product affecting its stability or performance. (The Product must be subject to normal use with approved fuels listed in the Operation Manual provided with the product. This includes burning such fireplace fuels as wood and natural or propane gas. Fuel products with abnormal burning characteristics, including but not limited to fuel such as driftwood, coal or plywood and wood products using a binder may burn at excessive temperatures and may cause damage to the Product or may cause it to function improperly.); (c) damages caused by failing to provide proper maintenance and service in accordance with the instructions provided with the Product; (d) damages, repairs or inefficiency resulting from faulty installation or application of the Product.

Coverage of this 20 Year Limited Warranty is conditional upon use of an adequate fuel grate on factory-built fireplaces only, when applicable.

IHP is not responsible for inadequate fireplace system draft caused by air conditioning and heating systems, mechanical ventilation systems, or general construction conditions which may generate negative air pressure in the room in which the appliance is installed. Additionally IHP assumes no responsibility for smoking conditions caused by inadequate chimney height, adjoining trees or buildings, adverse wind conditions or unusual environmental factors and conditions. Certain IHP Products are listed for use with Security Chimneys International, Ltd. or IHP chimney systems only. Use of chimney components other than that specified in the Product manual will void the Product warranty.

This 20 Year Limited Warranty covers only parts and labor as provided herein. In no case shall IHP be responsible for materials, components or construction which are not manufactured or supplied by IHP or for the labor necessary to install, repair or remove such materials, components or construction. Additional utility bills incurred due to any malfunction or defect in equipment are not covered by this 20 Year Limited Warranty. All replacement or repair components will be shipped F.O.B. from the nearest stocking IHP factory.

LIMITATION ON LIABILITY

It is expressly agreed and understood that IHP's sole obligation and the purchaser's exclusive remedy under this warranty, under any other warranty, expressed or implied, or in contract, tort or otherwise, shall be limited to replacement, repair, or refund, as specified herein.

In no event shall IHP be liable for any incidental or consequential damages caused by defects in the Product, whether such damage occurs or is discovered before or after replacement or repair, and whether such damage is caused by IHP's negligence. IHP has not made and does not make any representation or warranty of fitness for a particular use or purpose, and there is no implied condition of fitness for a particular use or purpose.

IHP makes no expressed warranties except as stated in this 20 Year Limited Warranty. The duration of any implied warranty is limited to the duration of this expressed warranty.

No one is authorized to change this 20 Year Limited Warranty or to create for IHP any other obligation or liability in connection with the Product. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. The provisions of this 20 Year Limited Warranty are in addition to and not a modification of or subtraction from any statutory warranties and other rights and remedies provided by law.

INVESTIGATION OF CLAIMS AGAINST WARRANTY

IHP reserves the right to investigate any and all claims against this 20 Year Limited Warranty and to decide, in its sole discretion, upon the method of settlement.

To receive the benefits and advantages described in this 20 Year Limited Warranty, the appliance must be installed and repaired by a licensed contractor approved by IHP.

Contact IHP at the address provided herein to obtain a listing of approved dealers/distributors. **IHP shall in no event be responsible for any warranty work done by a contractor that is not approved without first obtaining IHP's prior written consent.**

HOW TO REGISTER A CLAIM AGAINST WARRANTY

In order for any claim under this warranty to be valid, you must contact the IHP dealer/distributor from which you purchased the product. If you cannot locate the dealer/distributor, then you must notify IHP in writing. IHP must be notified of the claimed defect in writing within 90 days of the date of failure. Notices should be directed to the IHP Warranty Department at 1508 Elm Hill Pike, Suite 108; Nashville, TN 37210 or visit our website at WWW.SUPERIORFIREPLACES.US.COM.

WARRANTY

KEEP THIS WARRANTY

Model Number _____
Serial Number _____
Date Installed _____
Dealer's Name _____
Dealer's Phone Number _____
Keep receipt for warranty verification

Innovative Hearth Products reserves the right to make changes at any time, without notice, in design, materials, specifications, prices and also to discontinue colors, styles and products. Consult your local distributor for fireplace code information.



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