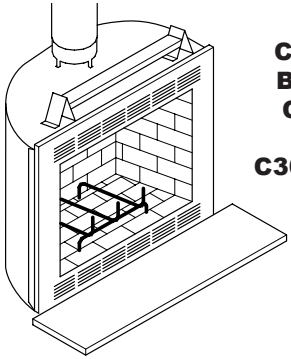
VEXAR
by STYLECREST

36" CIRCULATING LOUVERED FIREBOX
OWNER'S INSTALLATION MANUAL



C36EMW-RB with Brushed Brass Finish Bi-fold Doors
C36EMW-RBB with Black Finish Bi-fold Doors
C36EMW-RPLB with Platinum Finish Bi-fold Doors

Includes Manual Control Fan System and Combustion Air Kit

O-TL C US

O-TL REPORT # 114-F-20-4

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.

This fireplace is approved for use as a wood burning fireplace or for use with a vented gas log approved to ANS Z21.60, Z21.84 or RGA 2-72 standards or for use with a vent-free gas log heater approved to ANS Z21.11.2 standard. A vent-free log can only be installed in an aftermarket (completion of sale, not for purpose of resale from the manufacturer), permanently located, manufactured (mobile) home, where not prohibited by local codes. Approved hood must be installed when using a vent-free gas log heater (see *Accessories*, page 18).

This firebox meets the construction and safety standards of H.U.D. for application in mobile homes when installed according to these instructions.

INSTALLER: Leave this manual with the appliance.
CONSUMER: Retain this manual for future reference.

For more information, visit www.desatech.com

TABLE OF CONTENTS

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.

The C36EMW Series is specifically designed for use in manufactured mobile homes. These fireplaces include a manual control fan system, combustion air kit and bi-fold doors.

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

- This Style Crest fireplace and its components are safe when installed according to this installation manual. Unless you use Style Crest approved components, which have been designed and tested for the fireplace system, you may cause a fire hazard.
- The Style Crest warranty will be voided by and Style Crest disclaims any responsibility for the following actions.
  a. Modification of the fireplace, components, doors, blower, fans, air inlet system and damper control.
  b. Use of any component part not manufactured or approved by Style Crest in combination with a Style Crest 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. Although grounding may not be required by code, the manufacturer recommends it.

⚠ 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.

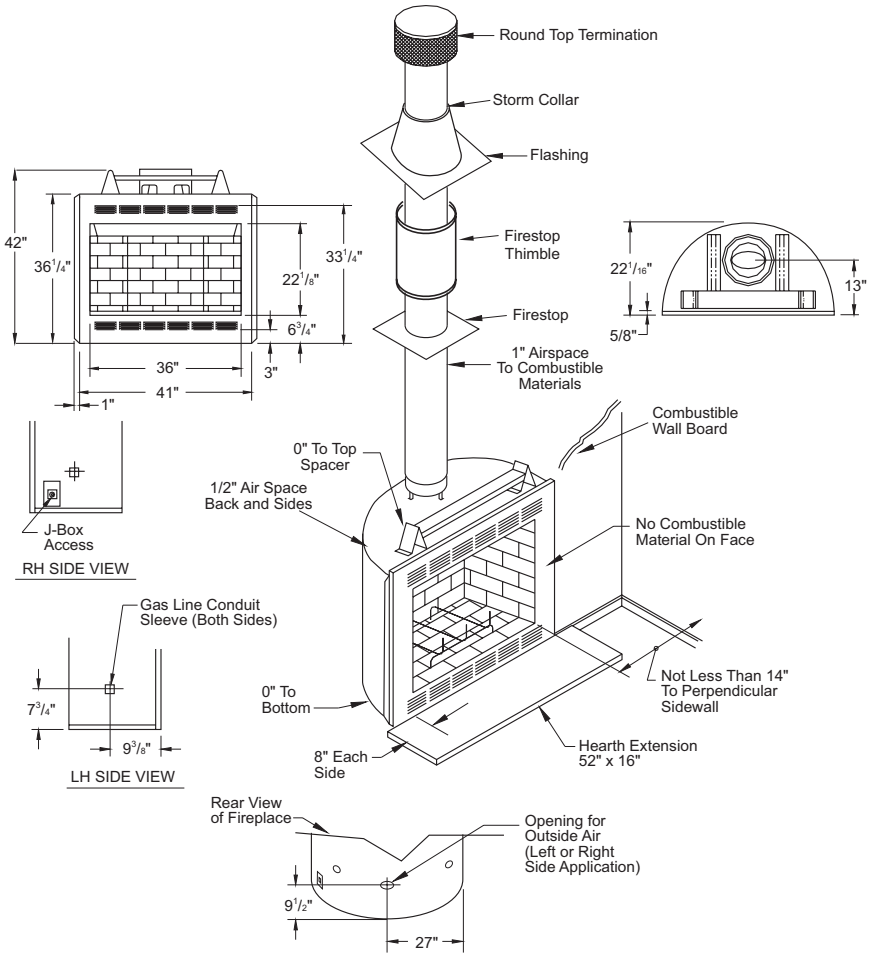
FOR YOUR SAFETY

- **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 OMNI Test Laboratories.

SPECIFICATIONS



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 available with this fireplace (see *Outside Air Kit* on page 6).

⚠ WARNING: Do not install this appliance in a bedroom.

FIREPLACE INSTALLATION

Continued

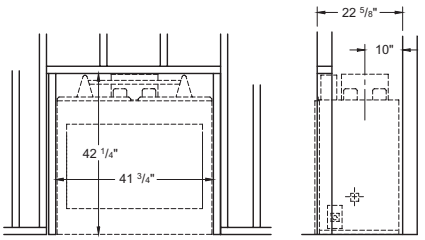


Figure 1 - Framing Dimensions

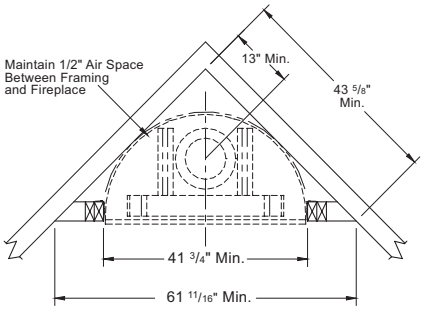


Figure 2 - Corner Installation

MINIMUM CLEARANCE TO COMBUSTIBLES

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

* Not required at nailing flanges

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

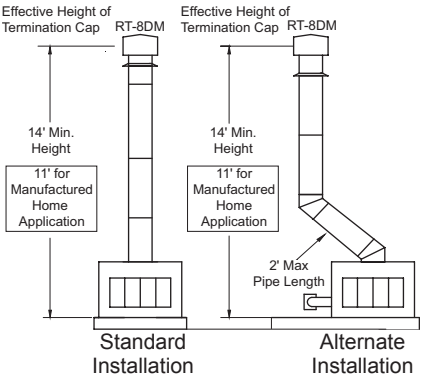
⚠ WARNING: Do not pack required air spaces with insulation or other materials.

Minimum/Maximum Chimney Height

Minimum height ofthe 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 3).

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



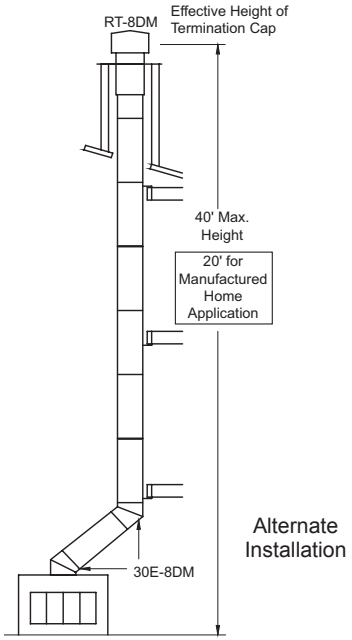


Figure 3 - Standard and Alternate Venting Installation

FIREPLACE INSTALLATION

Continued

FRAMING

1. Frame opening for fireplace using dimensions shown in Figures 1 and 2.
2. If fireplace is to be installed directly 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 4).

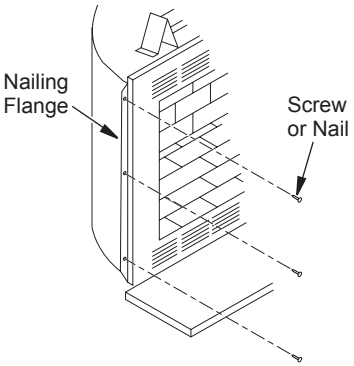


Figure 4 - Nailing Flanges

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=0.84 BTU IN/FT, HR. 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:

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

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 5).

⚠ WARNING: Hearth extension is to be installed only as shown in Figure 5.

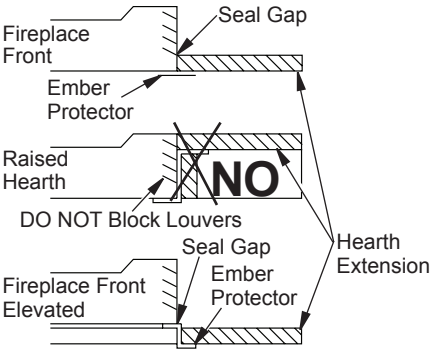


Figure 5 - Hearth Extension

FIREPLACE INSTALLATION

Continued

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 6.

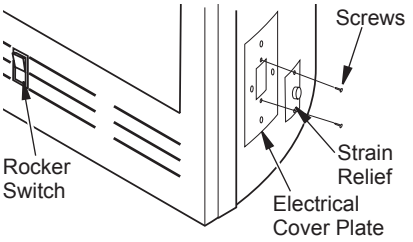


Figure 6 - Fan Kit BK2 Electrical Cover

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 7.
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.

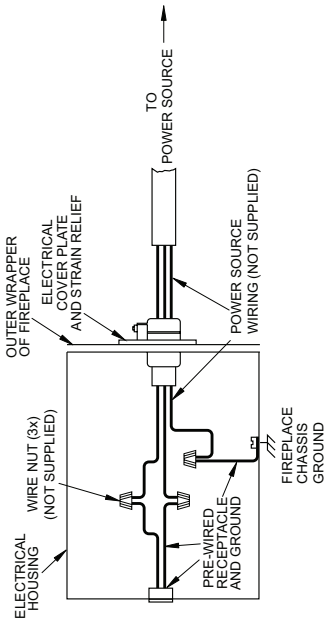


Figure 7 - Fan Kit Wiring Diagram

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 or a side wall using 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.

A combustion air chute may be installed to back of fireplace facing left or installed on a flat wall, or may be rotated 90° facing right for a corner application. Installer may choose either installation method to allow for proper wall/rafter clearances.

For AK6-WE Only: Construct a 4.5" x 4.5" framing or opening on exterior wall (see Figure 8, page 7).

For AK6E Only: The outside air vent is installed through a ventilated crawl space (see Figure 9, page 7).

VENTING INSTALLATION

Continued

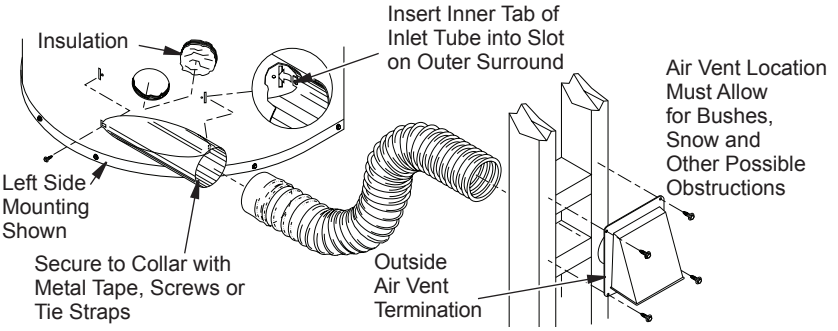


Figure 8 - Outside Air Kit AK6-WE Installation

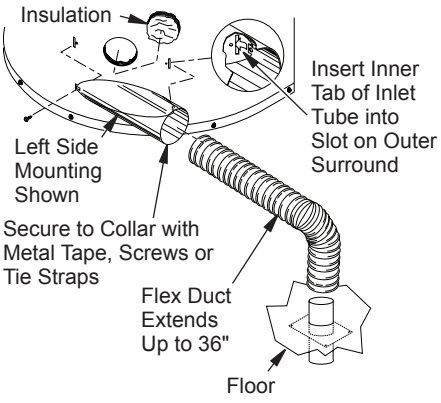


Figure 9 - Outside Air Kit AK6E Installation

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.

CHIMNEY PIPE

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 10). Lineal Gain is the actual measurable length of a part after two or more parts are connected.

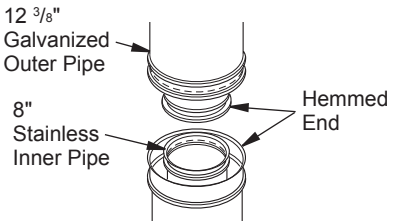


Figure 10 - Lineal Gain

LINEAL GAIN		
PART NO.	**DESCRIPTION**	**GAIN**
C36EMW-R	Fireplace	42"
12-8DM	Pipe Section	10 5/8"
18-8DM	Pipe Section	16 5/8"
24-8DM	Pipe Section	23 5/8"
36-8DM	Pipe Section	34 5/8"
48-8DM	Pipe Section	46 5/8"
RTL-8DM	Round Termination	7 3/4"*

* The lineal gain for the terminations is measured to the flue gas outlet height.

VENTING INSTALLATION

Continued

There are two vent kits available which have been specially designed for common installations in manufactured (mobile) homes: MW8K (8' vent kit) and MW9K (9' vent kit). Contents of these kits are listed under *Accessories* on page 18. *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 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 16, page 11).

ADJUSTABLE FIRESTOP THIMBLE (FST-A)

Adjustable Firestop Thimble Assembly (FST-A) is used to provide necessary air space and clearance between chimney pipe and insulation in attic space of a manufactured home.

To install thimble assembly, determine distance between ceiling joist and roof framing. Attach adjustable thimble to firestop spacer so that assembly will cover distance. Adjustable thimble should be even with or above roofline. Sheet metal screws or staples may be used to attach thimble to firestop spacer. An opening large enough to allow insertion of firestop thimble assembly will be required in ceiling. Attach firestop/thimble assembly to ceiling/ceiling joist using screws or staples as shown in Figure 11. A minimum of 8 screws or staples should be used.

Firestop thimble assembly should also be used where there is a cathedral ceiling, insulation barrier and roof, all in one assembly in a manufactured home (see Figure 11). The FST-A thimble can be used in any one of three common ceiling pitches; flat, 12"/96" and 30"/144".

An opening big enough to allow insertion of firestop thimble assembly will be required. This opening depends on the pitch of your ceiling. If your ceiling is a flat or 12"/96" pitch, you must use adapter plate provided to seal unwanted openings. For 30"/144" pitch, discard adaptor.

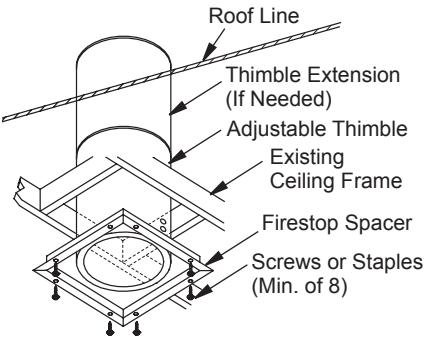


Figure 11 - Attaching Firestop/Thimble Assembly to Ceiling

VENTING INSTALLATION

Continued

If adapter is needed, secure it onto firestop using holes provided (see Figure 12). The row of holes on sides of thimble is provided to allow for pitch variances. Position firestop (top and bottom side) and thimble to desired angle and secure with screws provided. Insert thimble and firestop into prepared opening and secure to ceiling by nailing through firestop flanges. Thimble should be even with or above roofline. Thimble extensions are available (as an option) when required. See Accessories on page 18. Firestop thimble is not required for modular home application.

Note: If there is a second story in the home, firestop spacer 3600FS-8DM will be required. See Firestop Spacers, page 11.

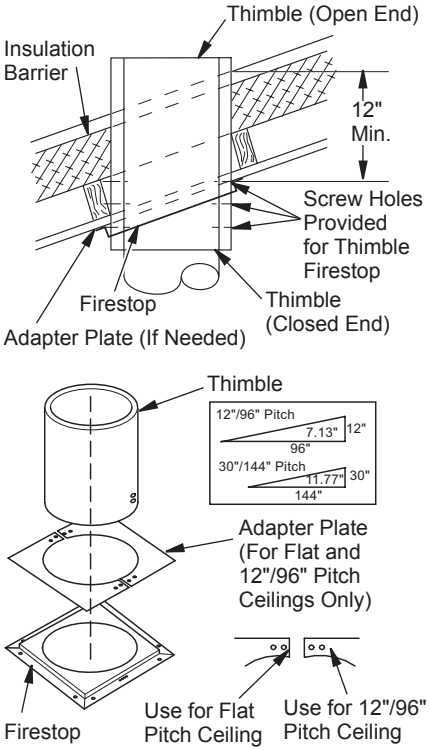
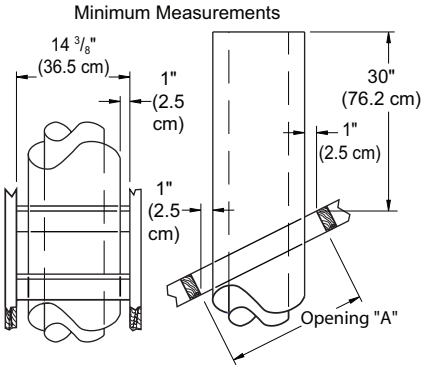


Figure 12 - Use a Firestop Thimble Assembly for Cathedral Ceiling, Insulation Barrier and Roof

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 13) 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.



PITCH	SLOPE	OPENING "A" MAX	FLASHING MODE NO.
Flat	0°	15"	6F-8
0-6/12	26.6°	16 1/8 "	6F-8
6/12 - 12/12	45°	20 3/8"	12F-8

Figure 13 - Determine Roof Opening

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 14).

OFFSET	RISE	CHIMNEY LENGTH				
A	B	12"	18"	24"	36"	48"
4 3/8"	16 3/8"	ELBOW SET ONLY				
9 3/4"	25 1/2"	1				
12 3/4"	30 3/4"		1			
15"	34 3/4"			1		
18"	40"	1	1			
21 1/4"	46 1/4"				1	
23 3/4"	49 1/4"		1	1		
27 3/4"	56 3/4"					1
30"	60 3/4"		1		1	
33"	66"	1				1
36"	71"		1			1
38 1/4"	75"				2	
41 1/4"	80 1/4"	1	1		1	
45"	86 3/4"				2	
46 3/4"	89 1/2"	1	1			1
51"	97"				1	1
53 1/4"	101"		1		2	
56 1/4"	106 1/4"					2
59 1/4"	111 1/2"		1		1	1
61 3/4"	115 1/2"	1				2
64 3/4"	120 3/4"		1			2
68 1/4"	127"				2	1
70"	130"	1	1			2
74 1/4"	137 1/2"	1			2	1
76 3/4"	141 1/2"		1		2	1
79 3/4"	146 3/4"				4	

OFFSET CHART (22-50 FT. SYSTEM HEIGHT)

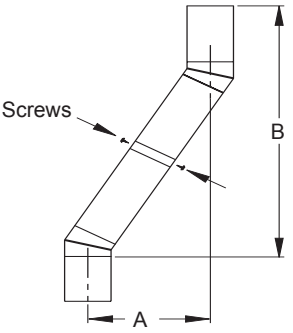


Figure 14 - Elbow Offset

2. Chimney weight above offset rests on return elbow. Straps must be securely nailed to rafters or joists (see Figure 15, 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 14).
4. All pipe connections between offset and return must be secured with two screws on outer pipe only (see Figure 16). Do not penetrate inner stainless.

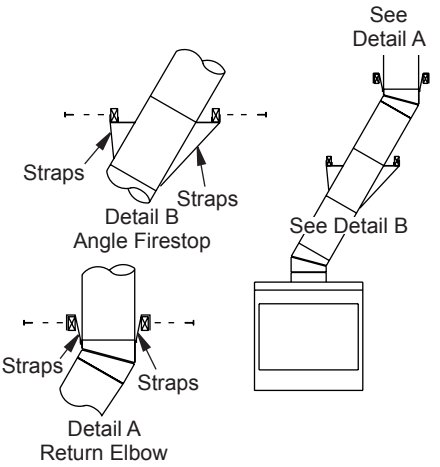


Figure 15 - Ceiling Support Pipe 12S-8DM

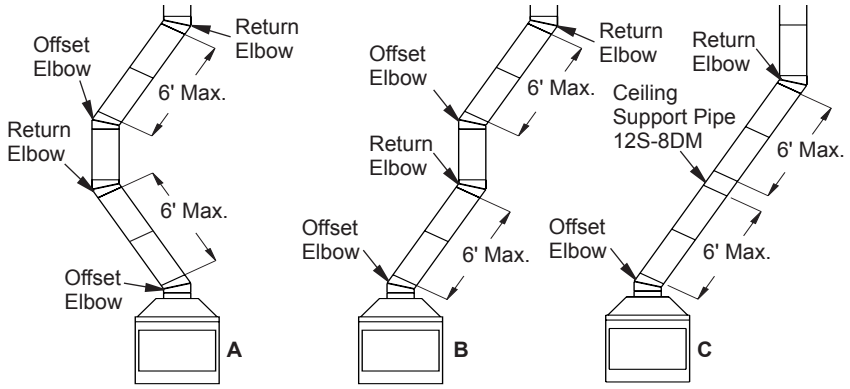


Figure 16 - Typical Offset Terminations (For Systems with 2 Elbow Sets, Maximum Height is 20')

FIRESTOP SPACERS (3600FS-8DM)

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 17.

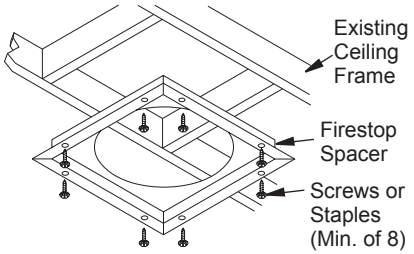


Figure 17 - Firestop Spacer with Living Space Above Ceiling

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 18). DO NOT NAIL THROUGH FLASHING CONE.

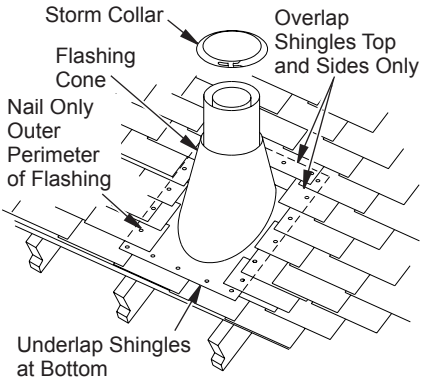


Figure 18 - Flashing Installation

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 19). Use SC1 for all round terminations.

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

Terminations/Spark Arrestor

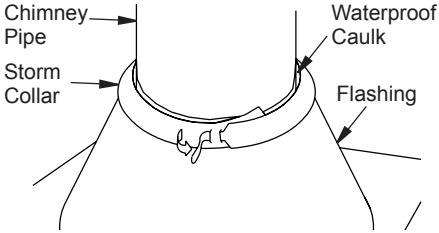


Figure 19 - Storm Collar

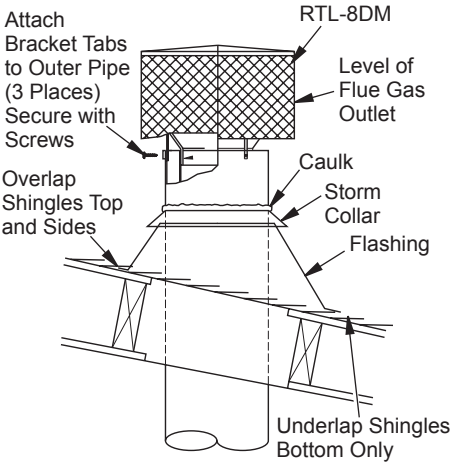


Figure 20 - Termination

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 20 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 21).

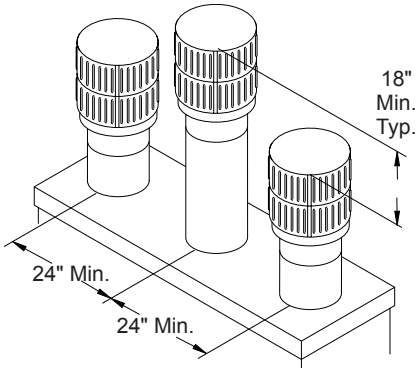


Figure 21 - Multiple Chase Installation

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 22).

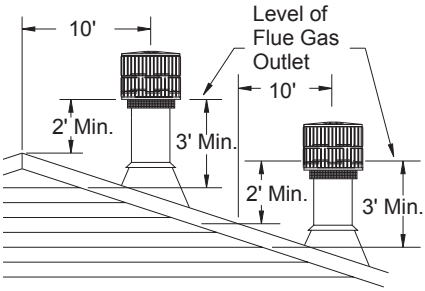


Figure 22 - 10 Foot Rule

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 23) Follow instructions included in kit.

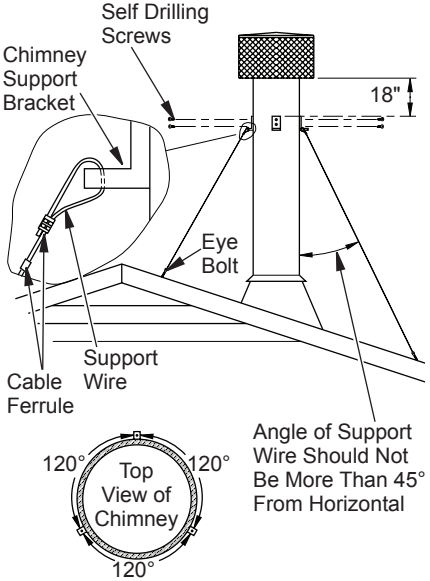


Figure 23 - Support Wires

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 24).
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.

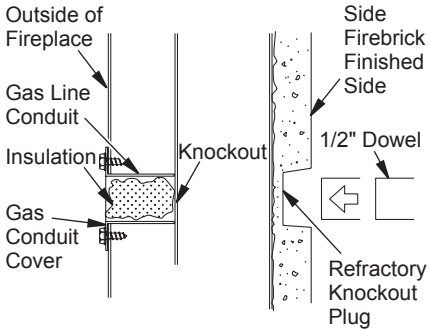


Figure 24 - Gas Line Knockout

VENTING 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 25, page 14).

   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.

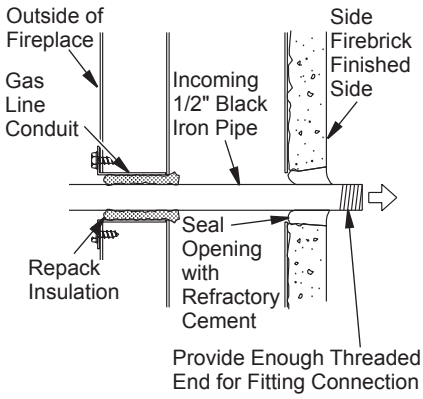


Figure 25 - Gas Line Installation

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).

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

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, ANS Z21.60, Z21.84 or RG 2-72* and shall also be installed in accordance with the *National Fuel Gas Code, ANSI 7223NFPA 54 latest edition*.

⚠ WARNING: If the fireplace has been used for wood burning, the firebox and chimney must be cleaned of soot, creosote and ashes be 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, drywall, 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 26). 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 STD 211, Sec. 7-3.3.3).

Note: HUD requirements may supersede these minimum dimensions.

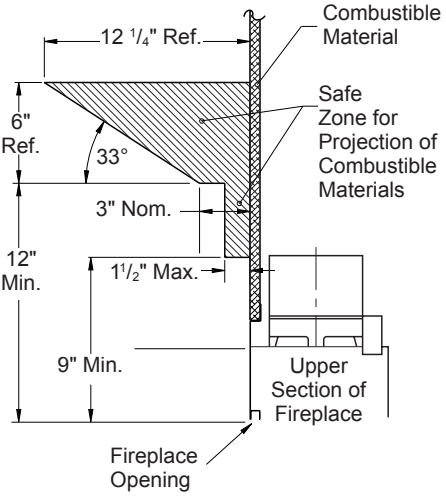


Figure 26 - Mantel Clearances to Combustible Material

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 27).

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.

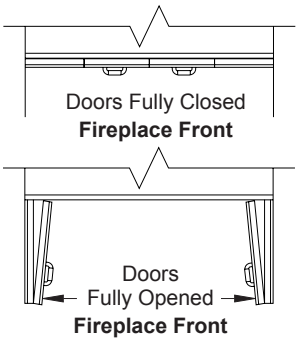


Figure 27 - Bi-Fold Glass Doors

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 28). Tip door toward middle of fireplace opening and lift door out of the lower pivot hole.
2. Repeat step 1 for remaining door.

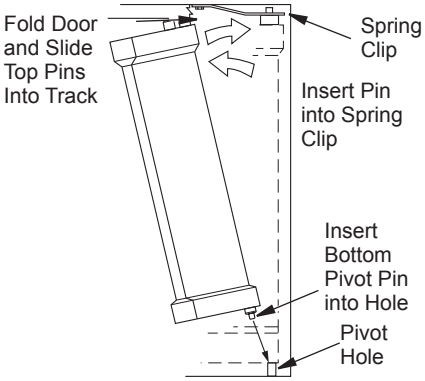


Figure 28 - Removing/Installing Bi-Fold Doors

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 28).
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 29.

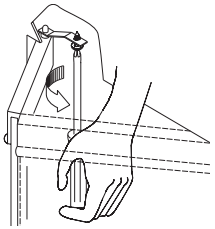


Figure 29 - Adjusting Bi-Fold Doors

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 30). Damper is not designed to be airtight. A small gap around damper blade is normal.

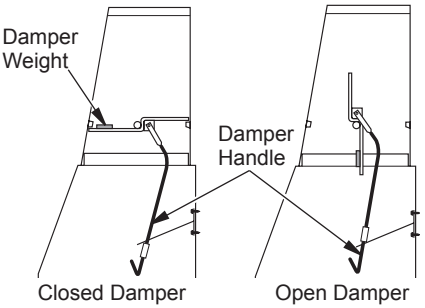
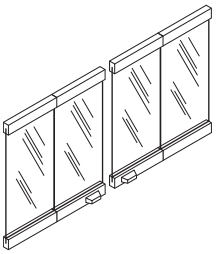


Figure 30 - Damper Operation

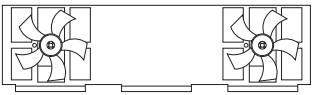
GRATE

⚠WARNING: Risk of fire! Always replace grate with a model number 11116 grate only. This grate has been designed to keep the operation of your fireplace safe and efficient.

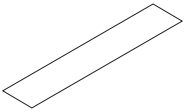
REPLACEMENT PARTS



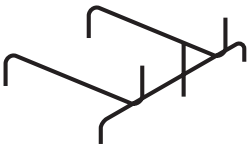
BI-FOLD GLASS DOORS
VDG36E - Brushed Finish
DP36E - Platinum Finish
VDBP36E - Black Finish



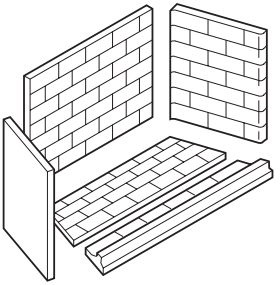
DUAL FAN KIT - BK2



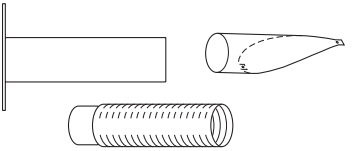
EMBER PROTECTOR - 20093



GRATE - 11116



BRICK LINER
Rear - PN 20029
Left Side - PN 20030
Right Side - PN 20030
Front Bottom - PN 21242
Rear Bottom - PN 21241

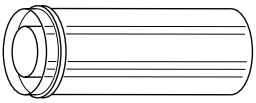


OPTIONAL OUTSIDE AIR KIT FOR FLOOR INSTALLATION
90154 - Model AK6E

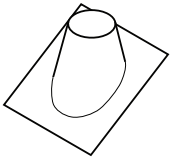
TECHNICAL SERVICE

You may have further questions about installation, operation, or troubleshooting. If so, contact Style Crest at 1-800-231-4822 or write to: Style Crest Service, P. O. Box 19110, Wichita, KS. 67204. When calling or writing, please have your model and serial numbers of your heater ready.

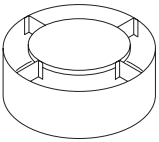
ACCESSORIES



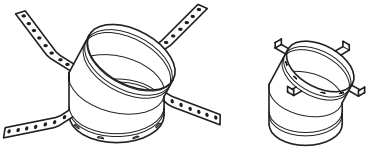
DOUBLE WALL PIPE - 12-8DM, 18-8DM, 24-8DM, 36-8DM and 48-8DM



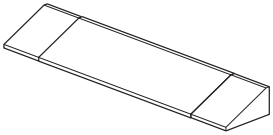
ROOF FLASHING
V6F-8DM - 0 to 6/12 Pitch
V12F-8DM - 6/12 to 12/12 Pitch



ANTI-DRAFT SHIELD
(ROUND TOP TERMINATION ONLY)
ADS-8DM

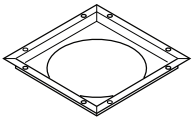


30° OFFSET AND RETURN - 30E-8DM



ADJUSTABLE HOOD
GA6053 - Antique Brass Finish
GA6052 - Polished Brass Finish
GA6050 - Black Painted Finish
This hood is required when installing a vent-free gas log heater in this firebox.

STORM COLLAR - SC1-1

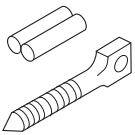


FIRESTOP SPACER - V3600FS-8DM

CHIMNEY SUPPORT BRACKET KIT
CSK-8DM

Support Bracket

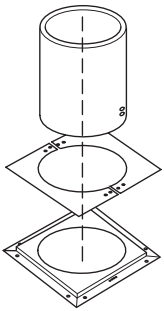
Self Drilling Screws



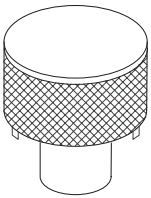
Cable Ferrule

Eye Bolt Screw

Strand Wire (50 ft)



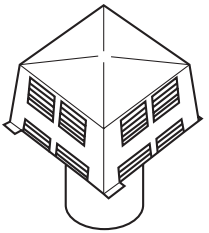
ADJUSTABLE FIRESTOP THIMBLE
FST-A
Includes:
Thimble - PN 22383
Adapter Plate - PN 22398 (For Flat or 12/96 Pitch Ceilings Only)
Firestop - PN 22377



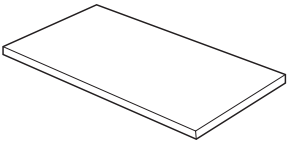
ROUND TOP TERMINATION - RTL-8DM

ACCESSORIES

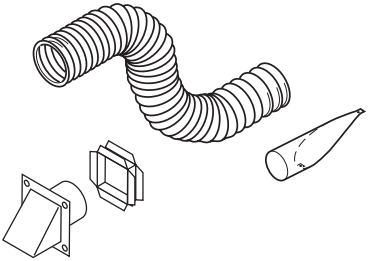
Continued



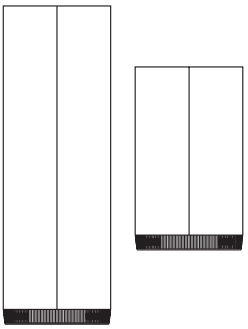
SQUARE CHASE-TOP TERMINATION - ETL-8DM



HEARTH EXTENSION - 90192



OPTIONAL OUTSIDE AIR KIT FOR SIDE WALL INSTALLATION - AK-6WE



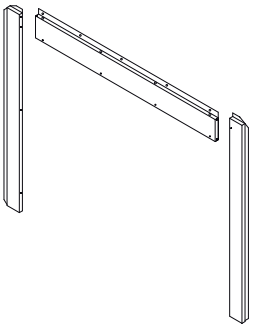
THIMBLE EXTENSIONS

TXL-8DM - 43" - PN 20745

TX-8DM - 26" - PN 20746

VENT KIT*	DESCRIPTION	MW8K (8' Vent Kit)	MW9K (9' Vent Kit)
36-8DM	36" Double Wall Pipe	2	2
24-8DM	24" Double Wall Pipe	1	0
18-8DM	18" Double Wall Pipe	0	2
FST-A	Adjustable Firestop Thimble	1	1
V6F-8DM	Roof Flashing	1	1
SC1-1	Storm Collar	1	1
RTL-8DM	Round Cap Termination	1	1

*Use for Most Common Manufactured (Mobile) Home Installations



FACE EXTENSION - FE-36R

Front face extension would add 6” to the width and 6” to the height of the fireplace face.

This fireplace is manufactured for Stylecrest Inc. under the VEXAR brand name by

DESA Heating, LLC
2701 Industrial Drive
Bowling Green, KY 42101
www.desatech.com

110746 01
NOT A UPC

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Rev. P
07/08