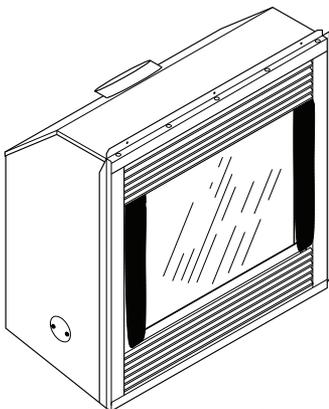


VEXAR

by  STYLECREST

DIRECT VENT FIREPLACE OWNER'S OPERATION AND INSTALLATION MANUAL



MODELS WITH FAN CD36M-B AND CD42M-A MODELS WITH FAN AND DOOR SWITCH CD36M-B2, CD42M-A2

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

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

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

For more information, visit www.fmiproductions.com

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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 optional accessory items when needed. Keep it with your other important papers.

⚠ WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual for correct installation and operational procedures. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

⚠ WARNING: This direct vent gas fireplace is intended for use with natural or propane/LP gas only. Do not attempt to burn any solid fuels in this appliance.

This fireplace is manufactured for Stylecrest Inc. under the Vexar brand name by FMI PRODUCTS, LLC.

This fireplace may be installed as an OEM installation in a manufactured (mobile) home and must be installed in accordance with the manufacturers instructions and the *Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280* in the United States. This fireplace is only for use with the type(s) of gas indicated on the rating plate. A conversion kit is supplied with the fireplace.

INTRODUCTION

WARNING: This product contains and/or generates chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

Models CD36M-B series and CD42M-A series are heat circulating gravity direct vent fireplaces with sealed combustion chamber. These fireplaces use millivolt gas control valve and millivolt ignition system.

These fireplaces are convertible with the standard setup as natural gas. Conversion may be performed by the OEM mobile home builder or by a qualified service person on-site. If you are uncertain as to what gas your unit is equipped for, please check the rating plate located inside of the appliance opening or consult your mobile home supplier or your local distributor of Style Crest, Inc. products.

NOTICE: Check local building codes for area requirements before installing this appliance.

BEFORE YOU BEGIN

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

SELECTING LOCATION

To determine the safest and most efficient location for your fireplace, consider the following guidelines:

1. The location must allow for proper clearances (see Figure 1).
 - Flush installation is recommended where living space is limited.
 - Projected installation may be ideal for a new addition to an existing finished wall.
 - Corner installation makes use of a space that may not normally be used and provides a wider and more efficient range for radiant heat transfer.
2. Consider a location where the fireplace would not be affected by drafts, air conditioning ducts, windows or doors.
3. A location that avoids the cutting of joists or roof rafters makes ventilation installation easier.

This Style Crest, Inc. fireplace and its components are safe when installed according to this installation manual and operated as recommended. Unless you use Style Crest, Inc. components designed and tested for this fireplace system, **YOU MAY CAUSE A SAFETY HAZARD!**

The Style Crest, Inc. warranty will be voided by, and Style Crest, Inc. disclaims any responsibility for the following actions:

- A) Modification to the fireplace, components, doors, blower, fans or vent system.
- B) Use of any component part not manufactured or approved by Style Crest, Inc. in combination with a Style Crest, Inc. 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. This fireplace, when installed, must be electrically grounded in accordance with local codes or in the absence of local codes, with the *National Electrical Code, ANSI/NFPA 70*.

The installation must conform with local codes or, in the absence of local codes, with the *National Fuel Gas Code, ANSI Z223.1*. This appliance complies with ANSI Z21.88.

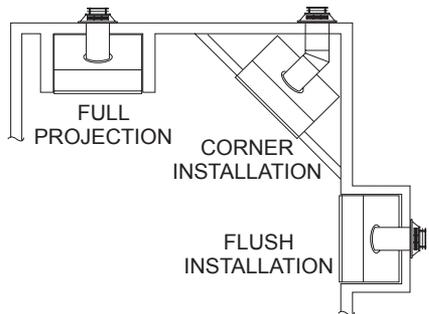


Figure 1 - Common Fireplace Locations

SELECTING LOCATION

Continued

In selecting a location, the following precautions must be observed:

- Do not connect this appliance to a chimney system used for solid fuel burning fireplace.
- Due to high temperatures, do not locate this appliance in high traffic areas or near furniture and draperies.
- Never obstruct openings of the appliance or flow of ventilation air. Keep control compartments accessible.
- Do not locate appliance close to where gasoline or other flammable liquids may be stored. The appliance must be kept clear and free from combustible materials.
- Do not use this appliance if any part has been under water. Immediately contact a local service technician to examine the appliance and to replace any part(s) of the control ignition system and other related components that have been submerged under water.

SAFETY

⚠ DANGER: Carbon monoxide poisoning may lead to death!

This fireplace must be installed by the O.E.M. builder or by a qualified (certified or licensed) service person. It has a sealed gas combustion chamber that uses a coaxial pipe (pipe within a pipe and having the same center) venting system. It brings in fresh air for combustion through the outer pipe and combustion gases are exhausted through the inner pipe. If the glass door assembly and venting pipe are not properly seated, connected and sealed, carbon monoxide leakage (spillage) can occur.

Carbon Monoxide Poisoning: Early signs of carbon monoxide poisoning resemble the flu, with headaches, dizziness or nausea. If you have these signs, the fireplace may not be working properly. **Get fresh air at once!** Have fireplace serviced. Some people are more affected by carbon monoxide than others. These include pregnant women, people with heart or lung disease or anemia, those under the influence of alcohol and those at high altitudes.

Propane/LP & Natural Gas: Propane/LP and natural gas are odorless. An odor-making agent is added to the gas. The odor helps you detect a gas leak. However, the odor added to the gas can fade. Gas may be present even though no odor exists.

Make certain you read and understand all warnings. Keep this manual for reference. It is your guide to safe and proper operation of this fireplace.

⚠ WARNING: Any change to this fireplace or its controls can be dangerous. Do not modify this fireplace under any circumstances. Any parts removed for servicing must be replaced prior to operating fireplace.

⚠ WARNING: Do not use a blower insert, heat exchanger insert or other accessory not approved for use with this fireplace.

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

⚠ WARNING: Do not allow fans to blow directly into the fireplace. Avoid any drafts that alter burner flame patterns.

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

SAFETY

Continued

Do not place clothing or other flammable material on or near the appliance. Never place any objects on the appliance.

Do not use this fireplace to cook food or burn paper or other flammable material.

This fireplace reaches high temperatures. Keep children and adults away from hot surface to avoid burns or clothing ignition. Fireplace will remain hot for a time after shutdown. Allow surface to cool before touching.

Carefully supervise young children when they are in the room with fireplace.

Keep the area around your fireplace clear of combustible materials, gasoline and other flammable vapor or liquids. Do not run fireplace where these are used or stored.

- For propane/LP fireplace, do not place propane/LP supply tank(s) inside any structure. Locate propane/LP supply tank(s) outdoors. To prevent performance problems, do not use propane/LP fuel tank of less than 100 lbs. capacity.
- If you smell gas
 - shut off gas supply
 - do not try to light any appliance
 - do not touch any electrical switch; do not use any phone in your building
 - immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions
 - if you cannot reach you gas supplier, call the fire department.
- Never install the fireplace
 - in a recreational vehicle
 - in windy or drafty areas where curtains or other combustible (flammable) objects can make contact with the fireplace front
 - in high traffic areas
- Turn fireplace off and let cool before servicing, installing or repairing. Only a qualified service person should install, service or repair this fireplace. Have fireplace inspected annually by a qualified service person.
- You must keep control compartments, burners and circulating air passages clean. More frequent cleaning may be needed due to excessive lint and dust from carpeting, bedding material, etc. Turn off the gas valve and pilot light before cleaning fireplace.
- Have venting system inspected annually by a qualified service person. If needed, have venting system cleaned or repaired.
- Do not use any solid fuels (wood, coal, paper, cardboard, etc.) in this fireplace. Use only the gas type indicated on fireplace nameplate.
- This appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the *National Electrical Code, ANSI/NFPA 70*.
- Do not use fireplace if any part has been exposed to or under water. Immediately call a qualified service person to arrange for replacement of the unit.
- Do not operate fireplace if any log is broken.
- Do not operate fireplace with glass door removed, cracked or broken.
- Provide adequate clearances around air openings.

LOCAL CODES

Install and use fireplace with care. Follow all local codes. In the absence to local codes, use the current *National Fuel Gas Code ANSI Z223.1/NFPA 54**.

*Available from:

American National Standards Institute, Inc.
1430 Broadway
New York, NY 10018

National Fire Protection Association, Inc.
Batterymarch Park
Quincy, MA 02269

PRODUCT FEATURES

These are a few facts that can help you understand and enjoy your direct-vent fireplace:

- The venting system may be routed to the outside of your home in several ways. It may vent through the roof (vertical) or it may vent to an outside/exterior wall (horizontal). The vent pipe installation is very important to allow for proper operation. You must follow the venting instructions very carefully for either vertical or horizontal applications.
- This fireplace may be installed in any room of your house provided all local codes and these installation instructions are followed.
- A piezo ignitor and ceramic electrode create spark to ignite the pilot light. It does not require any matches, batteries or any other sources of ignition to light the pilot.
- Each time you turn on your fireplace, you may notice some amount of condensation on the inside of the fireplace glass. This is normal and will disappear after 10-20 minutes of operation.
- Your direct-vent gas fireplace system (fireplace and venting) is a balanced and sealed gas operating unit. It requires approximately 10-20 minutes of operating time before the flame pattern stabilizes.
- This fireplace is equipped with a millivolt gas control system that does not require electricity to operate. A piezo ignitor is provided to light the pilot without using matches or lighters.
- This model can accept an optional circulating air blower when 120 VAC connection is supplied. If you plan to install an optional blower, do not forget to wire the fireplace outlet when framing.

PRE-INSTALLATION PREPARATION

CAUTION: Do not block required air spaces with insulation or any other material. Do not obstruct the effective opening of the appliance with any type of facing material.

CLEARANCES TO COMBUSTIBLES

Minimum clearances to combustibles for the fireplace are:

- Back and Sides of Fireplace 0"
- Floor 0"
- Perpendicular Wall 6"
- Front 36"
- Top of Standoffs. 0"

MANTEL CLEARANCES

Woodwork, such as wood trims, mantles and other combustible materials should be placed within the required clearance specified in Figure 2.

Mantel Depth	Mantel From Top of Opening
(1) 14"	(A) 16"
(2) 12"	(B) 14"
(3) 10"	(C) 12"
(4) 8"	(D) 10"
(5) 6"	(E) 8"
(6) 4"	(F) 6"
(7) 2"	(G) 4"

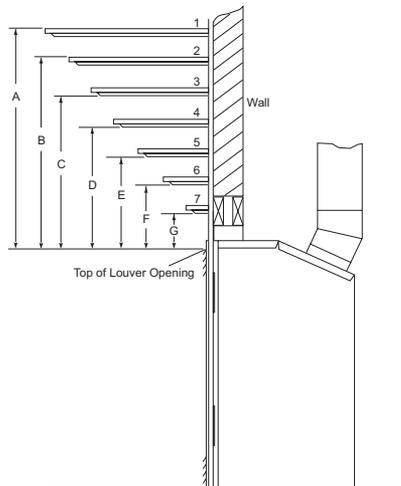


Figure 2 - Mantel Clearances

PRE-INSTALLATION PREPARATION

Continued

VENT TERMINATION CLEARANCES

Final position of your fireplace depends on location of the vent termination in relation to clearances that must be observed as shown in Figure 5 on page 8.

The vent system serves as the “chimney” as well as combustion air supply (air intake). The horizontal run must have a rise of 1/4” (0.6 cm) for every 12” (30.48 cm) of horizontal run towards the termination. Maximum horizontal run depends on vertical rise from fireplace adapter collar to vent termination (see table below).

If the appliance is to be installed directly on carpeting, tile (other than ceramic) or any combustible material other than wood flooring, appliance must be installed on a metal or wood panel extending full width and depth of the appliance.

	CD36M-B	CD42M-A
A	36 1/8"	40 1/8"
B	41 1/4"	48 1/4"
C	23 1/2"	25 5/8"

VERTICAL		HORIZONTAL
0	to	1 ft (30.48 cm)
1 ft (30.48 cm)	to	4 ft (121.92 cm)
2 ft (60.96 cm)	to	8 ft (243.84 cm)
3 ft (91.44 cm)	to	12 ft (365.76 cm)
4 ft (121.92 cm)	to	16 ft (487.68 cm)
5 ft (152.40 cm)	to	15 ft (457.20 cm)
6 ft (182.88 cm)	to	14 ft (426.72 cm)
7 ft (213.36 cm)	to	13 ft (396.24 cm)
8 ft (243.84 cm)	to	12 ft (365.76 cm)

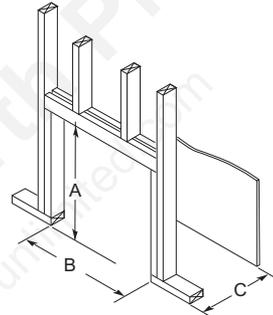
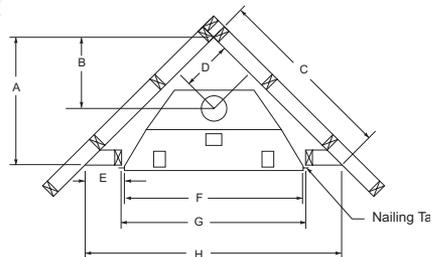


Figure 3 - Framing Dimension

⚠ WARNING: Never allow the vent to run downward as this may cause excessive temperatures which could cause a fire.

⚠ WARNING: Horizontal sections of this vent system require a minimum clearance of 2" from the top of the pipe and 1" minimum to the sides and bottom. Vertical sections of this system require a minimum of 1" clearance to combustible materials on all sides of the pipe.



	CD36M-B	CD42M-A
A	35 3/4"	41 5/8"
B	15"	21 5/8"
C	49 5/8"	58 1/2"
D	10 3/8"	13 1/2"
E	13 3/4"	16 3/4"
F	41"	48"
G	41 1/4"	48 1/4"
H	68 1/2"	81 1/2"

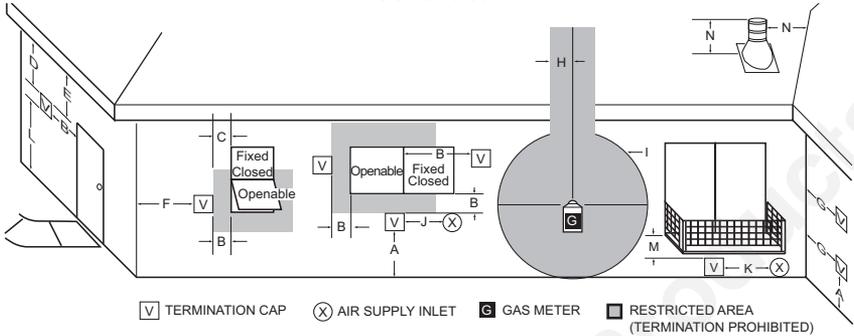
Figure 4 - Corner Installation

FRAMING

Once the final location has been determined, observing height clearances for vent termination, you may construct framing using dimensions shown in Figures 3 and 4, depending on your installation.

PRE-INSTALLATION PREPARATION

Continued



- V** TERMINATION CAP **X** AIR SUPPLY INLET **G** GAS METER **■** RESTRICTED AREA (TERMINATION PROHIBITED)
- A** = clearance above grade, veranda, porch, deck, or balcony [*12" (30.5 cm) minimum]
- B** = clearance to window or door that may be opened [6" (15 cm) min. for 10,000 Btu or less; 9" (23 cm) in US if between 10,000 and 50,000, 12" (30 cm) in Canada if between 10,000 and 100,000; 12" (30 cm) in US if greater than 50,000, 36" (91 cm) in Canada if greater than 100,000]
- C** = clearance to permanently closed window [minimum 12" (30.5 cm) recommended to prevent condensation on window]
- D** = vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 24" (61 cm) from the center-line of the terminal [18" (45.7 cm) minimum]
- E** = clearance to unventilated soffit [12" (30.5 cm) minimum]
- F** = clearance to outside corner (see below)
- G** = clearance to inside corner (see below)
- H** = *not to be installed above a meter/regulator assembly within 36" (91.4 cm) horizontally from the center line of the regulator
- I** = clearance to service regulator vent outlet [*72" (182.9 cm) minimum]
- J** = clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other fireplace [6" (15 cm) min. for 10,000 Btu or less; 9" (23 cm) in US if between 10,000 and 50,000, 12" (30 cm) in Canada if between 10,000 and 100,000; 12" (30 cm) in US if greater than 50,000, 36" (91 cm) in Canada if greater than 100,000]
- K** = clearance to a mechanical air supply inlet [*In Canada, 6 ft. (1.83m) minimum; In US 3 ft. (91 cm) above if within 10 ft. (3 m) horizontally]
- L** = † clearance above paved side-walk or a paved driveway located on public property [*84" (213.3 cm) minimum]
- M** = clearance under veranda, porch, deck [12" (30.5 cm) minimum ‡]
- N** = clearance above a roof shall extend a minimum of 24" (61 cm) above the highest point when it passes through the roof surface and any other obstruction within a horizontal distance of 18" (45.7 cm)

† vent shall not terminate directly above a side-walk or paved driveway which is located between two single family dwellings and serves both dwellings*

‡ only permitted if veranda, porch, deck or balcony is fully open on a minimum of 2 sides beneath the floor*

* as specified in CAN/CSA B149 (.1 or .2) Installation Codes (1991) for Canada and U.S.A.
 Note: Local codes or regulations may require different clearances

Termination Clearances for Buildings with Combustible and Noncombustible Exteriors

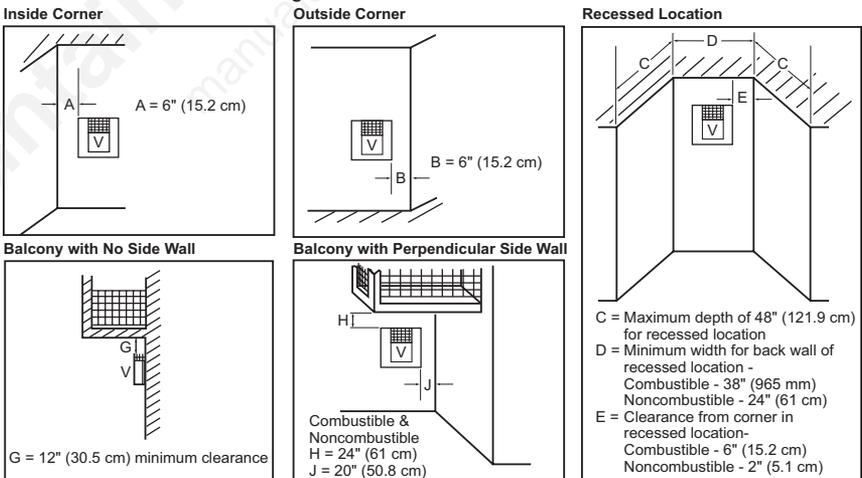


Figure 5 - Minimum Clearances for Vent Terminations

INSTALLATION

⚠ WARNING: Read all instructions completely and thoroughly before attempting installation. Failure to do so could result in serious injury, property damage or loss of life. Operation of improperly installed and maintained venting system could result in serious injury, property damage or loss of life.

NOTICE: Failure to follow these instructions will void the warranty.

VENTING INSTALLATION PRECAUTIONS

Consult local building codes before beginning installation. Installer must make sure to select proper vent system for installation. Before installing vent kit, installer must read this fireplace manual and vent kit instructions.

Only a qualified service person should install venting system. The installer must follow these safety rules:

- Wear gloves and safety glasses for protection
- Use extreme caution when using ladders or when on roof tops
- Be aware of electrical wiring locations in walls and ceilings

The following actions will void the warranty on your venting system:

- Installation of any damaged venting component
- Unauthorized modification of the venting system
- Installation of any component part not manufactured or approved for use with the fireplace.
- Installation other than as instructed by these instructions

NOTICE: All Style Crest, Inc direct vent fireplaces only approved 5/8" pipe components and terminations.

⚠ WARNING: This gas fireplace and vent assembly must be vented directly to the outside. The venting system must NEVER be attached to a chimney serving a separate solid fuel burning appliance. Each gas appliance must use a separate vent system. Do not use common vent systems.

⚠ WARNING: Horizontal sections of this vent system require a minimum clearance of 2" from the top of the pipe and 1" minimum to the sides and bottom. Vertical sections of this system require a minimum of 1" clearance to combustible materials on all sides of the pipe.

VENTING INSTALLATION

1. Install elbow to fireplace collar adapter located on back of the unit at a 45° angle. Slide elbow over collar and twist to lock. Check to insure proper connection (see Figure 6).
2. Continue to install remainder of pipe for desired installation. Make sure each section is twist-locked securely.
3. When installation of vent pipe is complete, in stall vent termination. Depending on location of your fireplace, you will vent vertically or horizontally.
4. Allow 1" of pipe to protrude from internal wall, depending on wall thickness. See Figure 7, page 10.

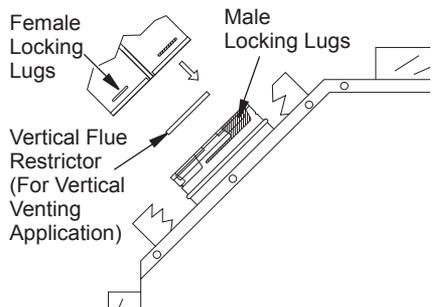


Figure 6 - Venting Installation

INSTALLATION

Continued

5. **For horizontal installation**, an optional siding standoff may be installed between vent cap and exterior wall. Secure horizontal vent cap to standoff. Secure standoff/vent cap assembly to wall (see Figure 7). Do not seal termination to vent pipe. Vent termination must be removable for service pipe inspection.

6. **For vertical installation**, a vertical termination is available. A vertical flue restrictor must be installed into inner collar of fireplace as shown in Figure 6, page 9.

When installing a length of pipe for vertical termination that is over 3 ft., support pipe every 3 ft. using metal wall straps. Vertical to horizontal pipe must be kept at a 1 ft. to 4 ft. ratio with a maximum run of no more than 20 ft.

If an offset is necessary in attic to avoid obstruction, it is important to support vent pipe every 3 ft. to avoid excessive stress on elbows and possible separation (see Figure 8).

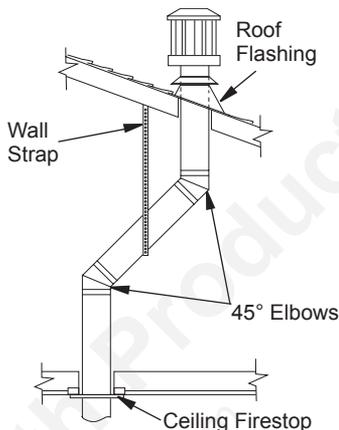


Figure 8 - Vertical Termination with Offset and Wall Strap

Horizontal Termination Configurations

Figures 9 through 13 show different configurations and alternatives for venting with horizontal termination. Each figure includes a chart with critical minimum and maximum dimensions which **MUST** be met. **IMPORTANT:** Remember that a horizontal run of venting must have a 1/4" rise for every 12" of run toward termination.

⚠ WARNING: Never run vent downward as this may cause excessive temperatures which could cause a fire. Operation of improperly installed and maintained venting system could result in serious injury, property damage or loss of life.

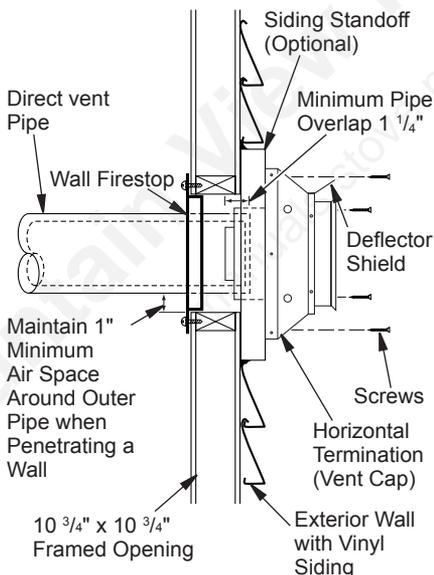


Figure 7 - Vent Termination (Horizontal)

GROUND FLOOR INSTALLATION

Recommended Applications:

- Installation using cabinet surrounds
- Through the wall using round or square termination (up to 12" horizontal pipe)
- **NOT FOR CORNER INSTALLATION**

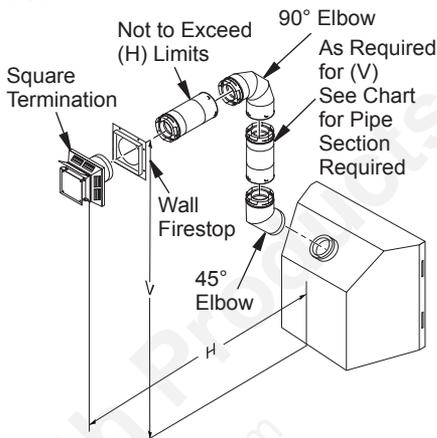
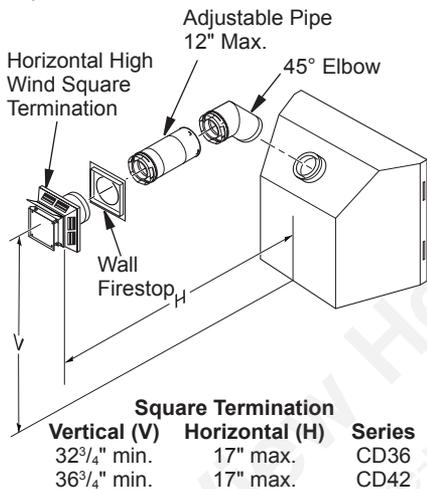
INSTALLATION

Continued

TYPICAL CORNER INSTALLATION

Recommended Applications:

- Corner ground floor installation
- Ground floor installation where pipe vents horizontally through wall (over 12" horizontal pipe)
- Basement installation where one foot clearance from ground to termination is possible



CD36 Series Vertical (V) Minimum	CD42 Series Vertical (V) Minimum	Required Vertical Pipe	Horizontal (H) Maximum
*43 ¹ / ₂ "	*46 ¹ / ₄ "	None	30"
54 ¹ / ₂ "	57 ¹ / ₄ "	1 ft.	48"
66 ¹ / ₂ "	69 ¹ / ₄ "	2 ft.	60"
78 ¹ / ₂ "	81 ¹ / ₄ "	3 ft.	84"
90 ¹ / ₂ "	93 ¹ / ₄ "	4 ft.	20'

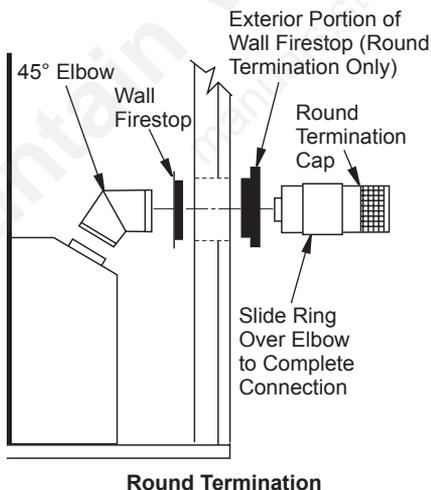


Figure 9 - Horizontal Termination Configuration for Square and Round Terminations

*Note: Ground Floor Corner Venting

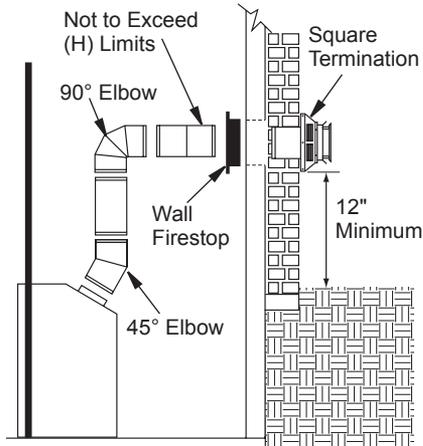


Figure 10 - Horizontal Termination Configuration for Corner Installation Using One 90° Elbow

INSTALLATION

Continued

HORIZONTAL SYSTEM INSTALLATION USING TWO 90° ELBOWS

The following configurations show the minimum vertical rise requirements for a horizontal system using two 90° elbows.

Venting with Two 90° Elbows

Vertical (V)	Horizontal (H ₁)	Horizontal (H ₁) + Horizontal (H ₂)
5' min.	2' max.	6' max.
6' min.	4' max.	12' max.
7' min.	6' max.	18' max.
8' min.	8' max.	20' max.
20' max.	8' max.	20' max.

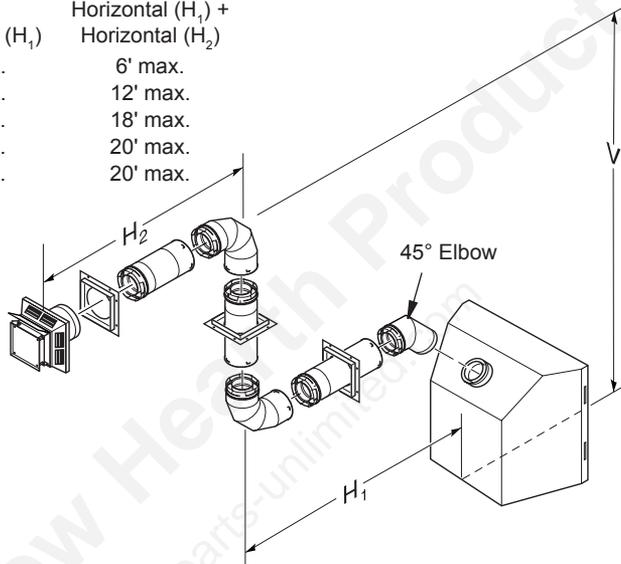


Figure 11 - Horizontal Termination Configuration for Venting Using Two 90° Elbows

Venting with Two 90° Elbows

Vertical (V)	Horizontal (H ₁) + Horizontal (H ₂)
5' min.	6' max.
6' min.	12' max.
7' min.	18' max.
8' min.	20' max.
20' max.	20' max.

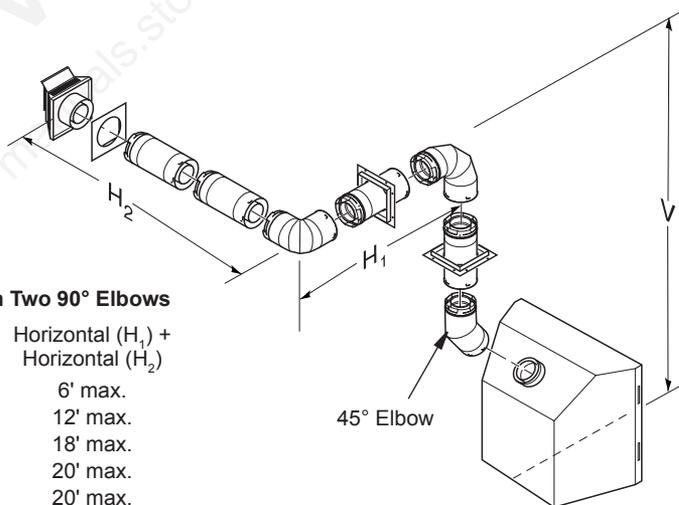


Figure 12 - Horizontal Termination Configuration for Venting Using Two 90° Elbows with Termination at 90° with Fireplace

INSTALLATION

Continued

INSTALLATION FOR VERTICAL TERMINATION

Note: Vertical restrictor must be installed in all vertical installations.

1. Determine the route your vertical venting will take. If ceiling joists, roof rafters, or other framing will obstruct venting system, consider an offset (see Figure 19, page 15) to avoid cutting load bearing members.

Note: Pay special attention to these installation instructions for required clearances (air space) to combustibles when passing through ceilings, walls, roofs, enclosures, attic rafters, etc. Do not pack air spaces with insulation. Also note maximum vertical rise of venting system and any maximum horizontal offset limitations.

2. Set fireplace in desired location. Drop a plumb line down from ceiling to position of fireplace exit flue. Mark center point where vent will penetrate ceiling. Drill a small locating hole at this point. Drop a plumb line from inside roof to locating hole in ceiling. Mark center point where vent will penetrate roof. Drill a small locating hole at this point.

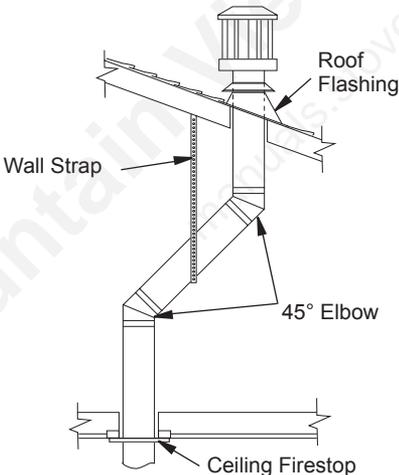


Figure 13 - Offset with Wall Strap and 45° Elbows

Vertical Termination Configurations

Figures 14 through 17 show four different configurations for vertical termination.

Venting with Two 90° Elbows

Vertical (V)	Horizontal (H ₁) + Horizontal (H ₂)
5' min.	2' max.
6' min.	4' max.
7' min.	6' max.
8' min.	8' max.
20' max.	8' max.

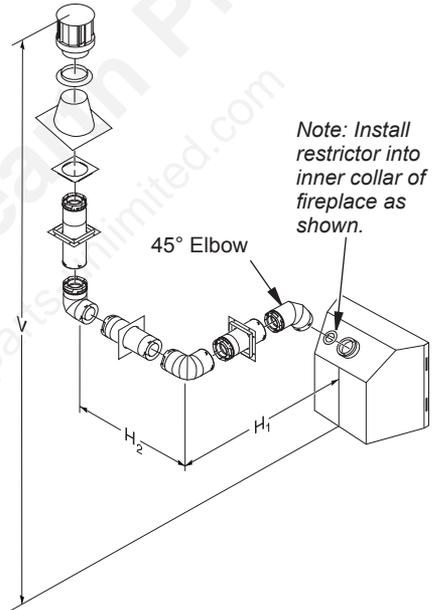


Figure 14 - Vertical Venting Configuration Using Two 90° Elbows with Two Horizontal Runs (Vertical Round High Wind Termination Shown)

INSTALLATION

Continued

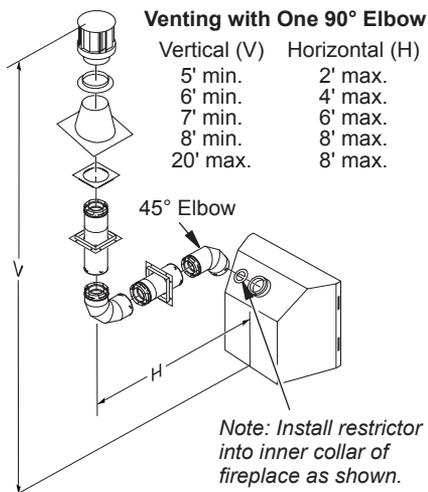


Figure 15 - Vertical Venting Configuration Using One 90° Elbow (Vertical Round High Wind Termination Shown)

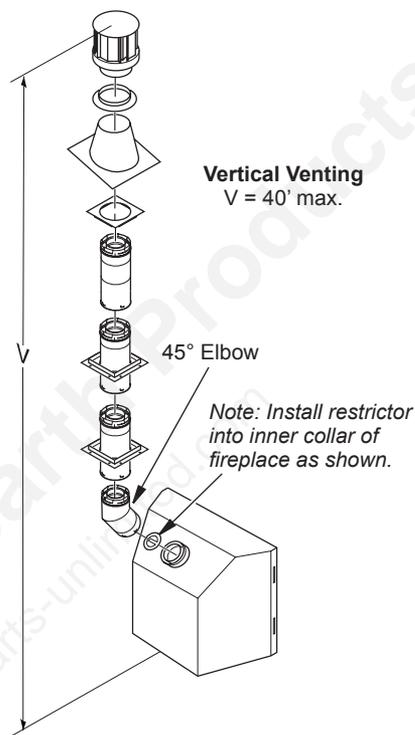


Figure 17 - Vertical Venting Configuration With No Horizontal Run (Vertical Round High Wind Termination Shown)

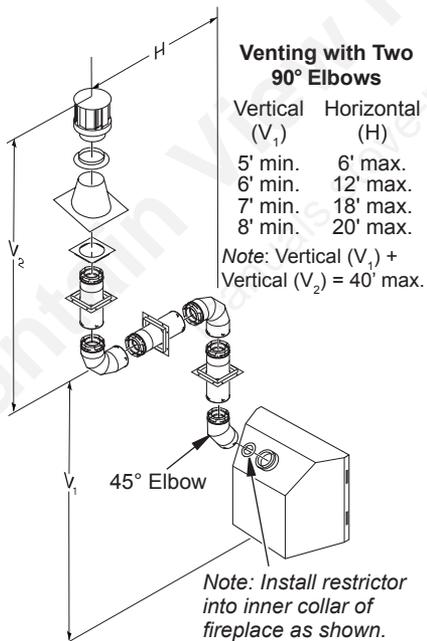


Figure 16 - Vertical Venting Configuration Using Two 90° Elbows (Vertical Round High Wind Termination Shown)

ELECTRICAL HOOKUP AND REMOTE RECEIVER DIAGRAM

An outlet box with two receptacles (see Figure 18) has been supplied for your convenience and is located inside on the lower right side of the fireplace.

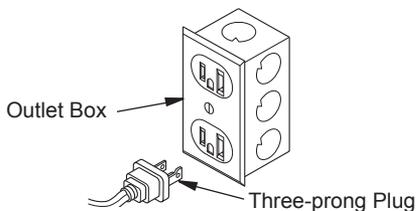


Figure 18 - Duplex Outlet

INSTALLATION

Continued

The remote control receiver is factory wired and connected to the convertible gas valve as shown in Figure 19.

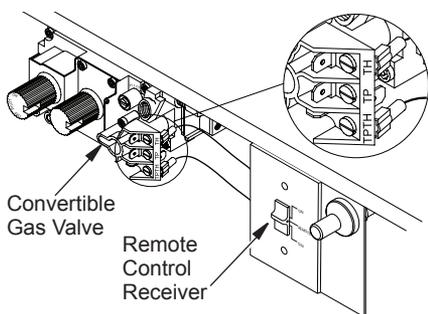


Figure 19 - Remote Control Receiver

GAS SUPPLY TESTING

NOTICE: This section is intended as a guide for qualified technicians installing gas to the appliance.

WARNING: Do not connect appliance before pressure testing gas piping. Damage to gas valve may result and an unsafe condition may be created.

Appliance and its individual shutoff valve must be disconnected from gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).

Appliance must be isolated from gas supply piping system by closing its individual shutoff valve during any pressure testing of gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa).

Gas control valve is secured under firebox. Two 1/8" ports are provided on gas control valve for pressure test gauge connections (see Figure 20).

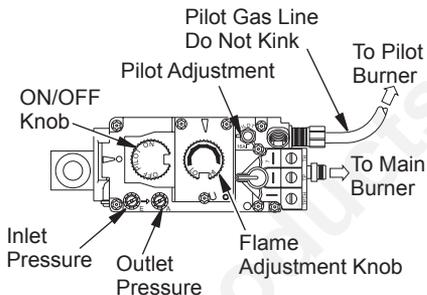


Figure 20 - Gas Control Valve

GAS LINE HOOK-UP

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

WARNING: Before you proceed, make sure your gas supply is OFF.

An equipment shutoff valve has been included in fireplace's gas supply system. Consider installing an extra shutoff valve outside appliance's enclosure (check local codes), where it can be accessed more conveniently with a key through a wall as shown in Figure 21.

In conformance with local codes, route a 1/2" NPT gas line towards appliance coming in from bottom, left or right side of fireplace (see Figure 22, page 16).

Install a sediment trap between incoming gas line and gas control box (see Figure 23, page 16). The sediment trap should extend down a minimum of 3" (7.62 cm) beyond center of pipe.

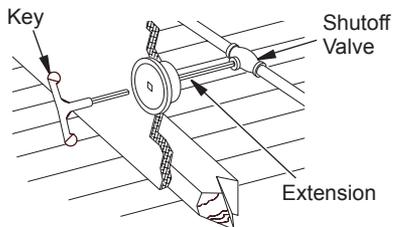


Figure 21- Typical Exterior Wall Gas Shutoff Installation

INSTALLATION

Continued

When routing gas line through conduit sleeve, make sure to repack insulation to fill gaps between gas line and conduit sleeve. Compounds used on threaded joints of gas piping shall be resistant to the action of propane or natural gas. Compounds should be applied lightly to ensure excess sealant does not enter gas line.

Complete your gas line installation by connecting incoming gas line to flexible gas line. Secure tightly with a wrench but do not over-tighten.

⚠ WARNING: All gas piping and connections must be tested for leaks after the installation is completed.

Never use an open flame to check for a leak. After ensuring that the gas valve is open apply commercial leak detection fluid to all gas joints. Bubbles forming show a leak. Correct all leaks at once.

Do not operate any appliance if a leak is detected.

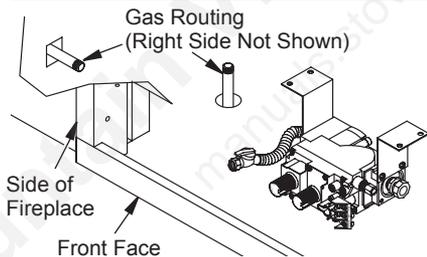


Figure 22 - Gas Line Routing

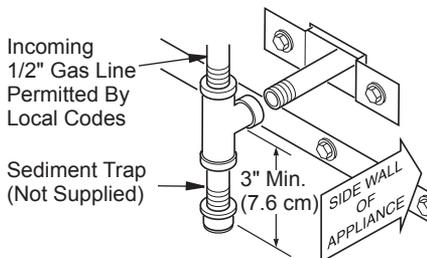


Figure 23 - Sediment Trap

PILOT ADJUSTMENT

The pilot or electrode assembly is factory preset for proper flame height. Alterations to these settings may have occurred during shipping and handling. If this is the case, some minor readjustments may be necessary and should be done by a qualified service technician. The proper settings for thermopile height should be at a distance of 3/8" (0.95 cm) to 1/2" (1.27 cm) from pilot flame as shown in Figure 24.

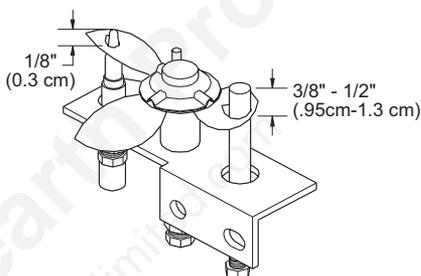


Figure 24 - Pilot Assembly

REMOVING GLASS PANEL

⚠ CAUTION: Before you proceed, make sure your gas control valve is in the OFF position.

1. To remove louvers, pull both spring latches (located in each end of louver) toward center of appliance at the same time until disengaged from locating holes. Repeat for bottom end spring latches (see Figure 25).

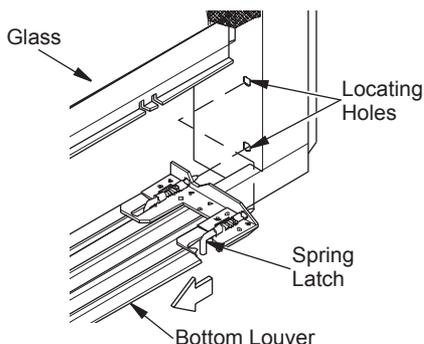


Figure 25 - Removing Louvers

INSTALLATION

Continued

2. Remove screen rod by removing rod loop from glass door center bracket. Slide screen rod to left or right of fireplace until one end is free to completely remove screen from fireplace.
3. Undo latches located on top and bottom of firebox (see Figure 26). Carefully swing door to the left. Glass door is securely mounted to firebox with 5 screws.

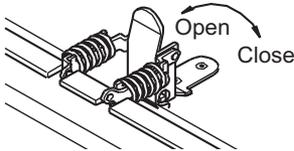


Figure 26 - Spring Latches

INSTALLING BATTERIES IN REMOTE CONTROL AND RECEIVER

NOTICE: Use only alkaline batteries (not included).

Installing Batteries in Remote Receiver

1. Remove battery housing cover on receiver to expose battery housing (see figure 27).
2. Install 4 AA batteries into housing following positive and negative directions on battery housing cover.
3. Replace battery housing cover.

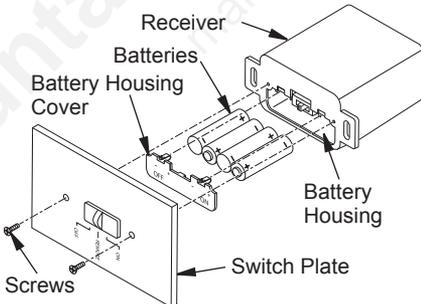


Figure 27 - Installing Receiver Batteries

Installing Batteries in Hand-Held Remote Control Unit:

1. Remove battery cover on back of remote control unit (see figure 28).
2. Install 3 AAA batteries as instructed in battery housing.
3. Replace battery cover onto remote control unit.

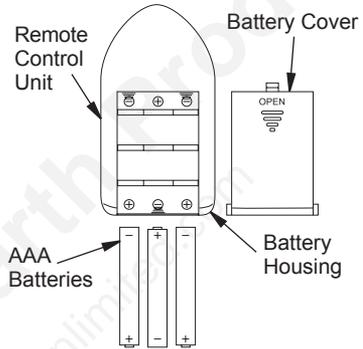


Figure 28 - Installing Battery in Hand-Held Remote Control Unit

INSTALLING LOG SET

Each log is marked with a number in the following illustrations. These numbers will help identify logs when installed. It is very important to install logs exactly as instructed. Do not modify logs. Only use logs supplied with fireplace.

Model CD36M-B Series

1. Place log #1 (back log) on top of grate as shown in Figure 29 for the CD36M-B Series. Log #1 will go in front of metal partition on grate (see Figure 29). Make sure notches in bottom of log fit over grate.

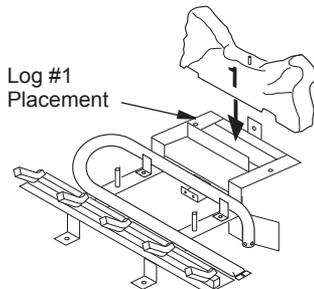
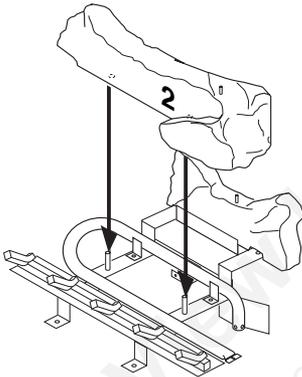


Figure 29 - Installing Log #1 (CD36M-B Series Shown)

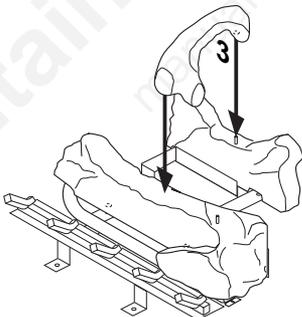
INSTALLATION

Continued

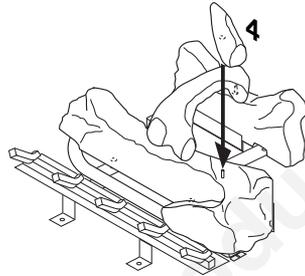
- Place log #2 (large front log) over pins on grate (see Figure 30).
- Place log #3 (c-shaped crossover log) onto rear and front logs as shown in Figure 31. Make sure it is seated properly on smooth surface on front log and pin on back log.
- Place log #4 (small round log) on pin on right side of front log (see Figure 32).
- Place log #5 (small front log) onto front left part of grate making sure notches fit over prongs of grate (see Figure 33).
- Place log #6 (small front log) onto two pins on left side of back and front logs (see Figure 33).



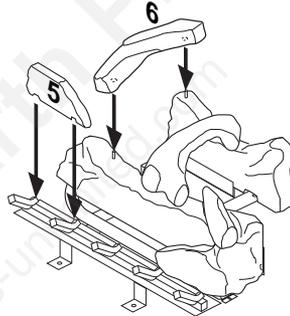
**Figure 30 - Installing Log #2
(CD36M-B Series Shown)**



**Figure 31 - Installing Log #3
(CD36M-B Series Shown)**



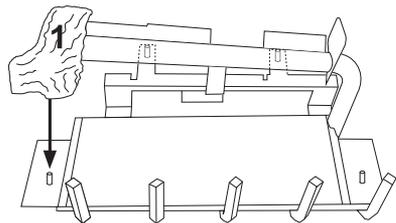
**Figure 32 - Installing Log #4
(CD36M-B Series Shown)**



**Figure 33 - Installing Logs #5 and #6
(CD36M-B Series Shown)**

Model CD42M-A Series

- Place log #1 (small base log) onto pin on left side of grate extension (see Figure 34).
- Rest left side of log #2 (front log) on top of log #1 and right side onto pin located on right side of grate extension (see Figure 35, page 19).



**Figure 34 - Installing Log #1, Model
CD42M-A**

INSTALLATION

Continued

- Place log #3 (rear log) onto pins on rear of grate (see Figure 36).
- Place log #4 (crossover log) onto pins from both logs #2 and #3 (see Figure 37).
- Place log #5 (top log) onto right pin of front log (#2) and smooth surface of rear log (#3). Make sure it is seated properly (see Figure 38).
- Place log #6 (left log) on left pin of front log (#2) and smooth surface of rear log (#3). Make sure it is seated properly (see Figure 39*).
- Place log #7 (right log) on right pin of top log (#5). Make sure it is seated properly (see Figure 39).

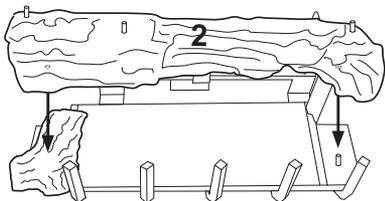


Figure 35 - Installing Log #2, Model CD42M-A

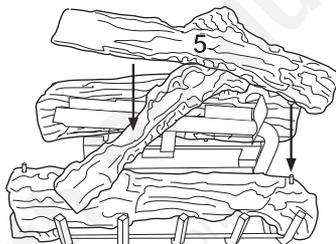


Figure 38 - Installing Log #5, Model CD42M-A

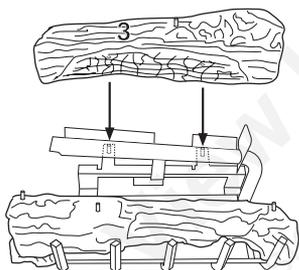


Figure 36 - Installing Log #3, Model CD42M-A

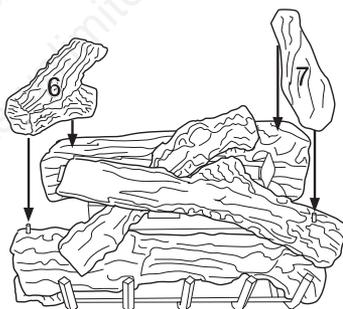


Figure 39 - Installing Logs #6 and #7, Model CD42M-A

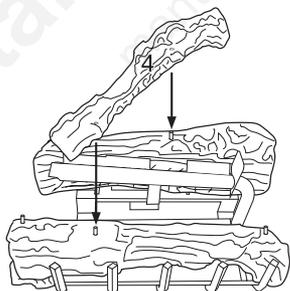


Figure 37 - Installing Log #4, Model CD42M-A

INSTALLATION

Continued

Lava Rock and Ember Material

1. For all models, place lava rock along sides and front of firebox bottom in areas that are visible. It is not necessary to use all lava rock provided.

NOTICE: Do not put lava rock on or under burner. Placing lava rock on burner could cause performance problems.

2. Pull ember material apart into pieces no larger than a dime. Place loosely and directly onto exposed section of front burner and along space between burner and grate prongs. These will create glowing ember appearance as flame touches ember material. Do not block air slots by using too much ember material in one area. It is not necessary to use all ember material provided.
3. When lava rock and ember material are in place, close and latch glass door and secure louvers in place.

⚠ WARNING: The glass door must be securely in place before operating fireplace. Do not operate fireplace if glass is missing or broken.

DECORATIVE FACING

Any noncombustible material may be used as facing (glass, tile, brick, etc.) as long as the proper clearances are observed (see [Clearances to Combustibles](#), page 6). Louvered openings must not be obstructed and upper and lower panels must remain accessible for service. Use only heat-resistant, noncombustible mortar or adhesive when securing decorative facing materials.

OPTIONAL FACE EXTENSION (AVAILABLE FE-36M FOR MODEL CD36M SERIES)

Front face extension would add 3 1/2" to width and 3/4" to height of fireplace face.

To install face extension:

1. Remove existing screws from front face assembly as shown in Figure 40.
2. Align holes on top face extension with holes on top side of front face assembly and secure with screws previously removed (see Figure 40).
3. Align holes on right face extension with holes on right side of front face assembly and secure with screws previously removed (see Figure 40). Do the same for left side.
4. Secure top face extension with left and right face extensions with two sheet metal screws (see Figure 40).

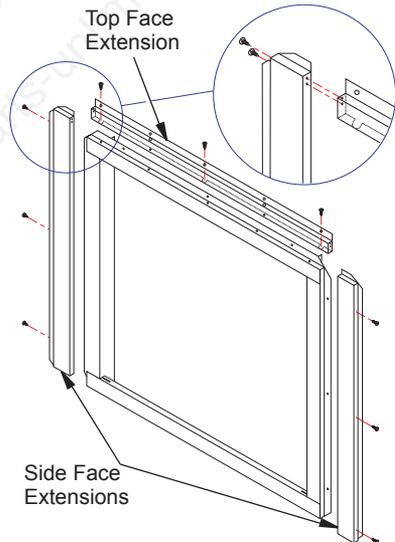


Figure 40 - Front Face Extension, Model CD36 Series Only

INSTALLATION

Continued

INSTALLING OPTIONAL BLOWER ACCESSORIES

NOTICE: If installing blower in an existing fireplace with gas connections, shut off gas supply and disconnect heater from gas supply. Contact a qualified service person to do this.

WARNING: If there is a duplex electrical outlet installed in the right side of the bottom of the fireplace base area, be sure that the electrical power to the outlet is turned off before proceeding with blower installation. Failure to do this may result in serious injury.

Model BK Installation

Follow all instructions provided in blower accessory kit.

1. Attach power cord to blower motor by firmly pushing two female terminals at end of power cord onto two spade terminals on blower motor (see Figure 41).
2. Attach green ground wire from power cord to blower housing using screw provided (see Figure 41). Tighten screws securely.
3. Place blower against lower rear wall of firebox outer wrapper with exhaust port directed upward. Blower will fit inside back opening and be held in position against back wall by magnets (see Figure 41).
4. Be certain that all wire terminals are securely attached to terminals on blower motor and that screw retaining green ground wire is tight.
5. Mount speed control box to switch bracket by placing plastic control shaft forward through round opening in switch bracket (see Figure 42).

6. While supporting speed control, secure control shaft with lock nut by pushing and turning lock nut with pliers clockwise until it is tight against front panel. Place provided control knob on shaft.
7. Turn on power to duplex outlet if previously turned off per warning in column 1.
8. Plug in blower power cord.
 - a. If your firebox is installed as a free-standing unit with an accessory mantel, determine whether power cord will exit left side or right side of firebox. Route power cord through exit hole and plug power cord into a wall receptacle near firebox.
 - b. If your firebox installation is recessed and/or pre-wired, plug power cord into duplex outlet provided. Refer to your firebox owner's manual for instructions on wiring duplex outlet.

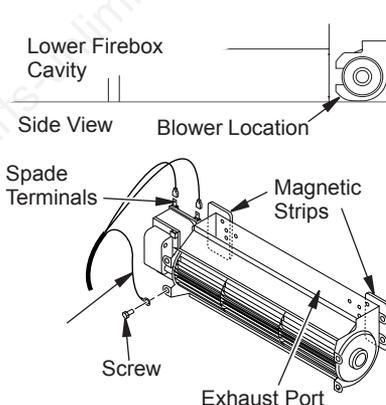


Figure 41 - Blower Model BK

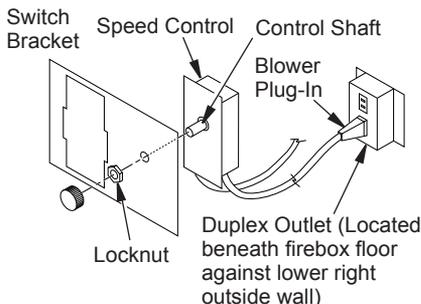


Figure 42 - Attaching Speed Control to Firebox

INSTALLATION

Continued

CAUTION: Never touch the blower wheel while in operation.

9. Check to make sure that power cord is completely clear of blower wheel and that there are no foreign objects in blower wheel. Turn blower on and check for operation. Turn blower off by turning knob fully counterclockwise before continuing.
10. Peel off backing paper and stick supplied wiring diagram decal on firebox bottom approximately 12" in front of blower (see Figure 43).

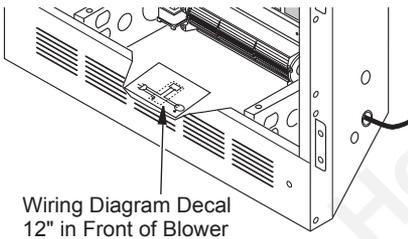


Figure 43 - Location of Wiring Diagram Decal (Model May Vary From Illustration)

Model BKT Installation

Note: When installing the BKT thermostatically-controlled blower, you must first secure thermal switch bracket to blower if it has not already been factory installed.

1. Place green ground wire with ring terminal between bottom hole on thermal switch bracket and top ear hole on blower assembly. Insert Phillips screw into all three pieces and tighten securely (see Figure 44).
2. Connect wire harness and power cord terminals. Connect blue jumper wire to blower motor terminal and right side terminal of thermal switch. Connect black wire to left side of thermal switch and white wire to other remaining blower motor terminal.

Note: Power cord outer insulation sleeve may have to be stripped slightly to allow enough wire length to reach and make all connections. DO NOT trim excessive length away. Enable just enough to make all connections securely.

3. Place blower against lower rear wall of firebox outer wrapper with exhaust port directed upward and thermodisc positioned up near fireplace bottom. Thermodisc must be oriented near fireplace bottom as shown in Figure 44 in order to sense temperature and properly operate. Blower will be held in position against back wall by magnets incorporated onto blower housing (see Figure 44).
4. Be certain that all wire terminals are securely attached to terminals on blower motor and thermal switch and that screw for thermodisc bracket and green ground wire is tight.
5. Mount speed control box against mounting plate provided in lower fireplace cavity by placing plastic control shaft forward through round hole (see Figure 42, page 21).
6. While supporting speed control, secure control shaft with lock nut by pushing and turning lock nut with pliers clockwise until it is tight against mounting plate. Place provided control knob on shaft (see Figure 42, page 21).

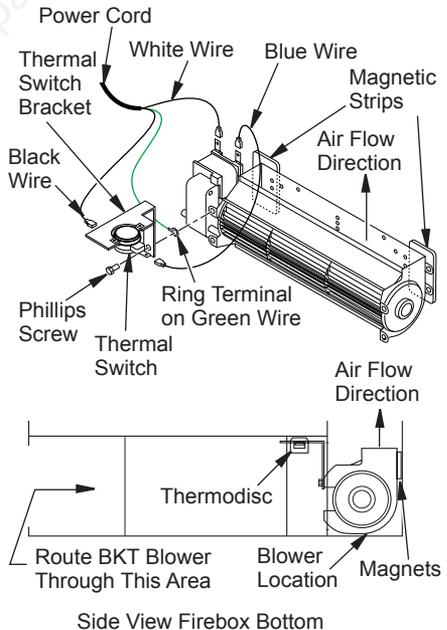


Figure 44 - Blower Model BKT

INSTALLATION

Continued

7. Check to make sure that power cord is completely clear of blower wheel and that there are no foreign objects in blower wheel. Also double check all wire leads and make sure wire routing is not pinched or in a precarious position. Correct accordingly.
8. Turn on power to duplex outlet if previously turned off per warning in column 1, page 21.
9. Plug in blower power cord to duplex outlet.
10. Blower will only run when speed control knob is in the ON position and thermal switch senses temperature after fireplace begins to heat up. Blower speed can be adjusted by rotating control knob. To turn off, turn knob fully counterclockwise until it clicks off. If blower is ON and has been running with fireplace operating, blower will continue to run for a short time after fireplace has been turned off. As thermal switch cools down, blower shuts down automatically.
11. Peel off backing paper and stick supplied wiring diagram decal on firebox bottom approximately 12" in front of blower (see Figure 43, page 22).

Blower Wiring Diagram

⚠ CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

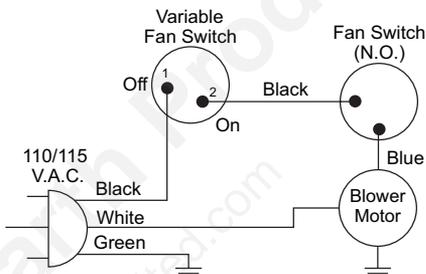


Figure 45 - Blower Wiring Diagram for Thermostat-Controlled Models

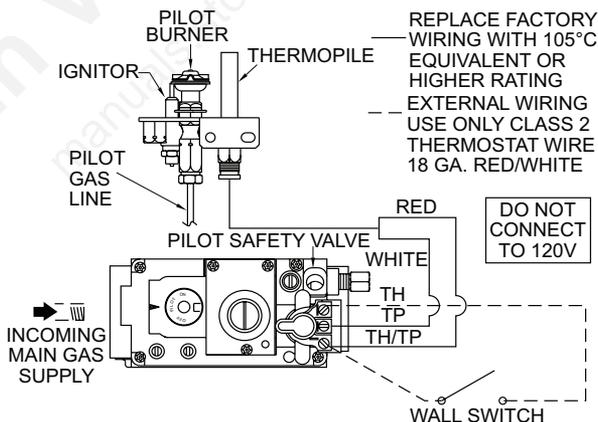


Figure 46 - Millivolt Ignition Wiring Diagram

BURNER FLAME ADJUSTMENT

Burner flame adjustment (shutter opening) has been factory preset (for natural gas) to proper air-to-gas ratio. This ratio results in an even, clean burning flame across burner (see Figure 47).

If adjustment is necessary, you can restore proper flame setting by loosening air shutter screw and rotating air shutter until proper setting is achieved (see Figure 48). Correct shutter openings are as follows:

Model	Tube Burner		Pan Burner	
	NG	LP	NG	LP
CD36M-B	0.188"	Max	—	—
CD42M-A	0.188"	0.313"	0.188"	0.500"

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual for assistance. Consult a qualified installer for additional information.

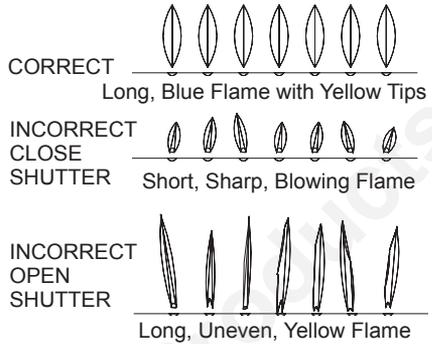


Figure 47 - Burner Flame Patterns

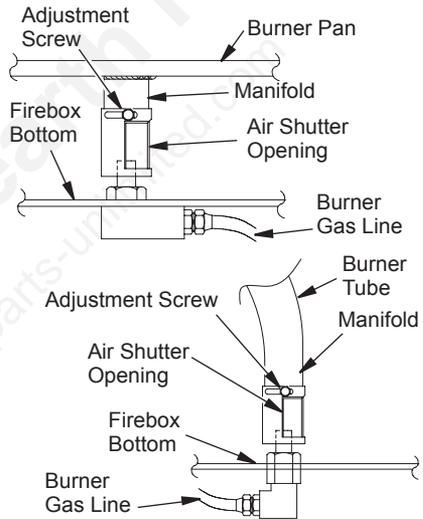


Figure 48 - Air Shutter Adjustments

OPERATION

OPERATION GUIDELINES

- When used for the first time, fireplace may emit a slight odor for about 16 to 24 hours. This is normal and is due to “curing” of logs and “burn-in” of internal paint and lubricant used in manufacturing process.
- Keep compartments, logs, burners and area surrounding logs clean by vacuuming and brushing at least twice a year or as necessary.
- Turn off gas and remote switch before servicing appliance. Any safety screen or guard removed for servicing the fireplace must be replaced prior to operation.
- Have a qualified agency periodically inspect vent system at the start of each heating season for any obstruction which will hinder its normal operation. Never obstruct flow of combustion and ventilation air. Keep front of fireplace clear of all obstacles and materials.

FOR YOUR SAFETY READ BEFORE LIGHTING

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

A. This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.

B. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

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

C. Use only your hand to push in control knob. Never use tools. If the knob will not push in or slide by hand, don’t try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.

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

LIGHTING INSTRUCTIONS

1. STOP! Read safety information in column 1 before proceeding.
2. Turn off all electrical power to appliance.
3. Open bottom access louver.
4. Slide remote selector to OFF position.
5. Make sure manual shutoff valve is fully open.
6. Push in gas control knob slightly and turn clockwise  to OFF.
7. Wait five (5) minutes to clear out any gas. Then smell for gas, including near floor. If you smell gas, STOP! Follow B in safety information in column 1. If you don’t smell gas, go to next step.
8. Visually locate pilot assembly by main burner.
9. Turn knob on gas control counterclockwise  to PILOT.
10. Push control knob all the way in and hold. Immediately light pilot by pressing red ignitor button until flame appears. Continue to hold control knob in for about one (1) minute after pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 6 through 10.
 - If knob does not pop out when released, stop and call service technician or gas supplier.
 - If pilot will not stay lit after several tries, turn gas control knob to OFF and call your service technician or gas supplier.
11. Turn gas control knob counterclockwise  to ON. Knob can be turned to ON only if control knob is popped out.
12. Set HI-LO knob to desired setting.

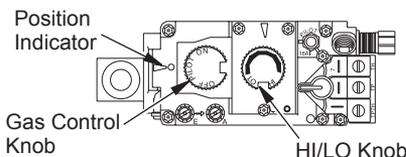


Figure 49 - Control Knob in Pilot Position

OPERATION

Continued

- Slide remote sector switch to REMOTE position to operate using remote control. Selector switch must be in the ON position to operate manually.

- Turn on all electric power to appliance.

Note: It is recommended that you maintain gas control knob in the full OFF position during lengthy periods of seasonal nonuse.

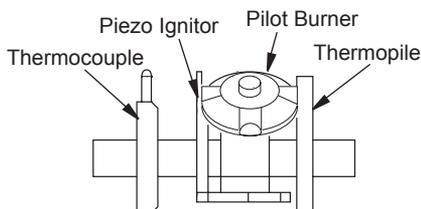


Figure 50 - Pilot

After lighting, let pilot flame burn for about one minute. Turn control knob to ON position. Adjust flame adjustment knob anywhere between HI and LO. Slide selector switch to the REMOTE position.

Note: The burner may light if hand-held remote was on when selector switch was last turned off. You can now turn burner on and off with hand-held remote control unit.

IMPORTANT: Do not leave the selector switch in the REMOTE or ON position when the pilot is not lit. This will drain the battery.

TO TURN OFF GAS TO APPLIANCE

- Turn off wall switch, if installed.
- Turn off all electric power to appliance if service is to be performed.
- Open bottom access louver.
- Slide selector switch to OFF position.
- Push in gas control knob slightly and turn clockwise  to OFF. Do not force.
- Close bottom access louver.

OPTIONAL HAND-HELD REMOTE OPERATION

Note: All remote control accessories must be purchased separately (see [Accessories](#), page 31). Follow instructions included with remote control.

NOTICE: You must light the pilot before using the hand-held remote control unit. See [Lighting Instructions](#), page 25.

GAS CONVERSION

The conversion kit is packaged with the unit. Please check the contents before beginning this conversion.

WARNING: Before proceeding, make sure the gas control valve is in the OFF position and all electrical power to the appliance is turned off.

CONVERTING PILOT

1. Wait five (5) minutes to clear out any gas. Smell for any gas odor, especially near the floor. If any gas odor is present, STOP! See *For Your Safety Read Before Lighting* on page 25.
2. Locate latch on louver assembly. Remove top and bottom louvers by pulling spring latches toward center of fireplace simultaneously until they are disengaged from locating holes.
3. Undo latches located on top and bottom of firebox and swing door to fully open position.
4. Carefully remove log set and ember material from burner and place them aside in a safe place.
5. Replace main burner orifice with burner orifice included in conversion kit (Model CD42M series contains two burner orifices).
6. Locate air shutter at end of burner manifold (end of tube burner for CD42M series). Loosen screw and adjust air shutter to proper setting (see *Burner Flame Adjustment*, page 24). Retighten screw.
7. Remove pilot hood by pulling up until it disengages from barrel. Do not remove the retainer clip (see Figure 51).
8. Remove pilot orifice from inside barrel using a 5/32" allen wrench to unscrew orifice.
9. Replace pilot orifice with LP orifice supplied with this kit. The number 30 is stamped on the sleeve for identification. Insert small end of new pilot orifice into barrel and thread until tight with the allen wrench.
10. Line up notch on pilot hood to the positioning tab on barrel receiver and snap back into position.

IMPORTANT: Be careful not to bend or kink aluminum tubing during conversion. Make sure pilot hood and orifice are properly mated and aligned after finishing this conversion.

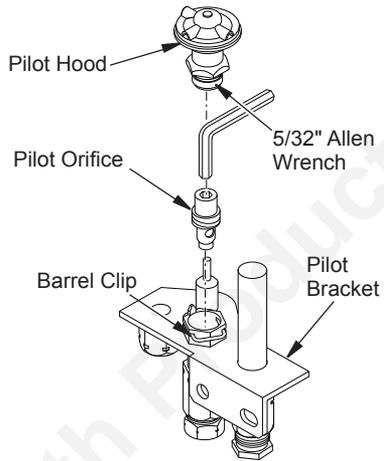


Figure 51 - Converting Pilot

CONVERTING CONTROL VALVE

Convert gas control valve by swapping out valve regulator portion of gas valve.

1. Using a TORX T20 or a slotted screwdriver, remove and discard three mounting screws, pressure regulator tower and diaphragm/spring components (see Figure 52).

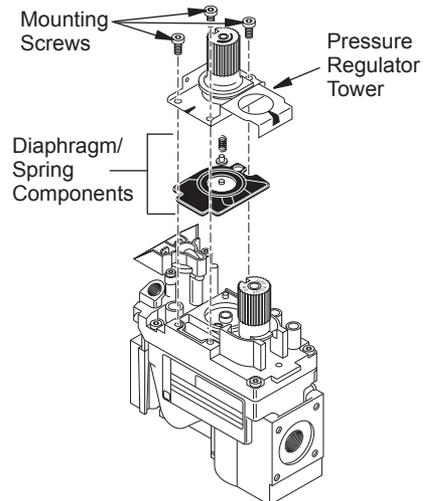


Figure 52- Removing Parts for Gas Control Valve Conversion

GAS CONVERSION

Continued

2. Insure that rubber gasket is properly positioned on new pressure regulator assembly. Install new pressure regulator assembly to valve using new mounting screws supplied with kit. Tighten screws securely (approximately 25 in/lb). See Figure 53.
3. Install identification label enclosed with gas valve regulator to valve body where it can easily be seen (see Figure 53).

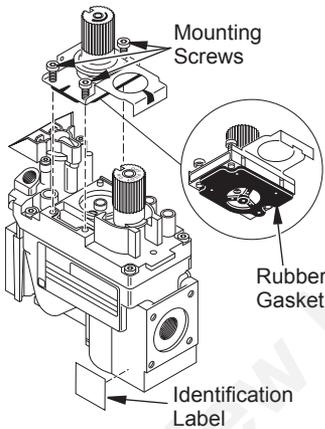


Figure 53- Installing New Parts for Gas Control Valve Conversion

⚠ WARNING: The conversion kit must be installed by a qualified service technician in accordance with the manufacturers instructions and all applicable codes and requirements of the authority having jurisdiction. If any information is these instructions is not followed correctly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service technician is responsible for the proper installation of this conversion kit.

TROUBLESHOOTING

⚠ WARNING: Turn off heater and let cool before servicing. Only a qualified service person should service and repair heater.

⚠ WARNING: Turn off heater and let cool before servicing. Only a qualified service person should service and repair heater.

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
Pilot will not stay lit	1. Defective thermocouple	<ol style="list-style-type: none"> 1. Check pilot flame. It must impinge on thermocouple 2. Clean or adjust pilot for maximum flame impingement on thermocouple 3. Ensure connection between valve and thermocouple are tight and secure 4. Check thermocouple with millivolt meter. Take reading at thermocouple terminals of gas valve with remote control off. It should read 18 millivolts minimum. Replace faulty thermocouple if reading is below specified minimum
Pilot lit but no flame on burner	<ol style="list-style-type: none"> 1. Remote or wires defective 2. Thermopile not generating sufficient millivoltage 3. Plugged burner orifice 	<ol style="list-style-type: none"> 1. Check remote wires for proper connections. Place jumper wire across terminals at remote control. If burner comes on, replace remote. If okay, place jumper wire across remote control at valve. If burner comes on, wires are faulty or connections are bad 2. Check thermopile with millivolt meter. Take reading at thermopile terminals of gas valve with remote control off. It should read 325 millivolts minimum. Replace thermopile if reading is below specified minimum 3. Check burner orifice for stoppage and remove
Frequent pilot outage	1. Pilot flame may be too low or blowing (high) causing safety pilot to “drop out”	1. Clean and/or adjust pilot flame for maximum flame impingement on thermocouple

SPECIFICATIONS

CD36M-B, CD36M-B2 Natural Gas

- Rating: 15,000/22,000 Btu/Hr
- Gas Type: Natural Gas Only
- Ignition: Piezo
- Manifold Pressure: 3.5" W.C.
- Orifice Size (Main Burner): #43 DMS
- Minimum Inlet Supply Pressure: 4.5" W.C.
- Firebox Dimensions (HxWxD) (Flanges and Standoffs Not Included in Measurements): 36 1/8" x 41 1/4" x 23 1/2"

CD42M-A, CD42M-A2 Natural Gas

- Rating: 25,000/35,000 Btu/Hr
- Gas Type: Natural Gas Only
- Ignition: Piezo
- Manifold Pressure: 3.5" W.C.
- Orifice Size (Main Burner): #47 DMS
- Minimum Inlet Supply Pressure: 4.5" W.C.
- Firebox Dimensions (HxWxD) (Flanges and Standoffs Not Included in Measurements): 40" x 48" x 23 1/2"

CD36M-B, CD36M-B2 Propane/LP Gas

- Rating: 14,000/20,000 Btu/Hr
- Gas Type: Propane/LP Gas Only
- Ignition: Piezo
- Manifold Pressure: 10" W.C..
- Orifice Size (Main Burner): #55 DMS
- Minimum Inlet Supply Pressure: 11" W.C.
- Firebox Dimensions (HxWxD) (Flanges and Standoffs Not Included in Measurements): 36 1/8" x 41 1/4" x 23 1/2"

CD42M-A, CD42M-A2 Propane/LP Gas

- Rating: 23,000/33,000 Btu/Hr
- Gas Type: Propane/LP Gas Only
- Ignition: Piezo
- Manifold Pressure: 10" W.C..
- Orifice Size (Main Burner): #55 DMS
- Minimum Inlet Supply Pressure: 11" W.C.
- Firebox Dimensions (HxWxD) (Flanges and Standoffs Not Included in Measurements): 40" x 48" x 23 1/2"

REPLACEMENT PARTS

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

Contact authorized dealers of this product. If they can't supply original replacement part(s), call Style Crest, Inc. at 1-800-231-4822 for referral information. A list of authorized dealers can be found by visiting www.fmiproducts.com.

When calling Style Crest, Inc., have ready:

- model and serial numbers of your heater
- the replacement part number

SERVICE HINTS

When Gas Pressure Is Too Low

- pilot will not stay lit
- burners will have delayed ignition
- fireplace will not produce specified heat
- propane/LP gas supply might be low (propane/LP units only)

You may feel your gas pressure is too low. If so, contact your local gas supplier.

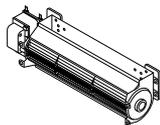
TECHNICAL SERVICE

You may have further questions about installation, operation, or troubleshooting. If so, contact Style Crest, Inc. 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

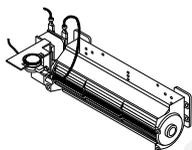
NOTE: All accessories may not be available for all fireplace models.

Purchase these accessories from an authorized dealer. If they can not supply these accessories call Style Crest, Inc at 1-800-231-4822. A list of authorized dealers can be found.



MANUAL BLOWER KIT - BK

Manual variable control blower accessory provides better heat distribution. Complete installation and operating instructions included in this manual.



THERMOSTATICALLY - CONTROLLED BLOWER KIT - BKT

Provides better heat distribution Blower turns off and on automatically, as needed. Complete installation and operating instructions included in this manual.



RECEIVER AND HAND-HELD THERMOSTAT REMOTE CONTROL KIT - TRC

Allows fireplace to be operated manually or thermostatically-controlled mode. You can adjust your heat settings and turn the fireplace on or off without leaving the comfort of your easy chair.

BRICK LINER KITS

BL36D - 36" Warm Red Traditional Stacked Brick

BL36DH - 36" Warm Red Herringbone Brick

BL42D - 42" Warm Red Traditional Stacked Brick (Included with 42" models)

BL42DH - 42" Warm Red Herringbone Brick

FACE EXTENSION - FE-36M

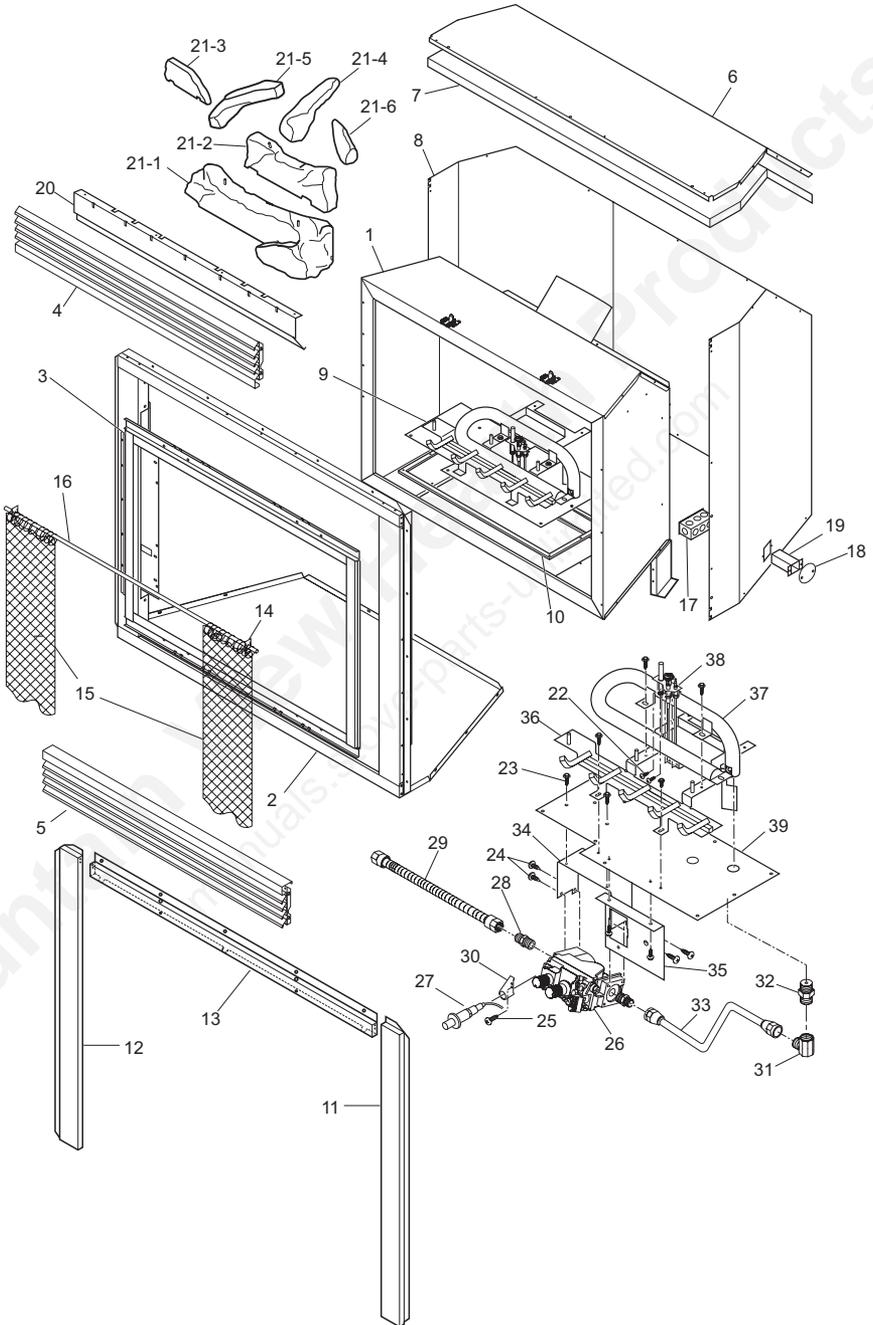
124190-01 Right Face Extension

124191-01 Left Face Extension

124192-01 Top Face Extension

PARTS

MODEL CD36M-B SERIES



PARTS

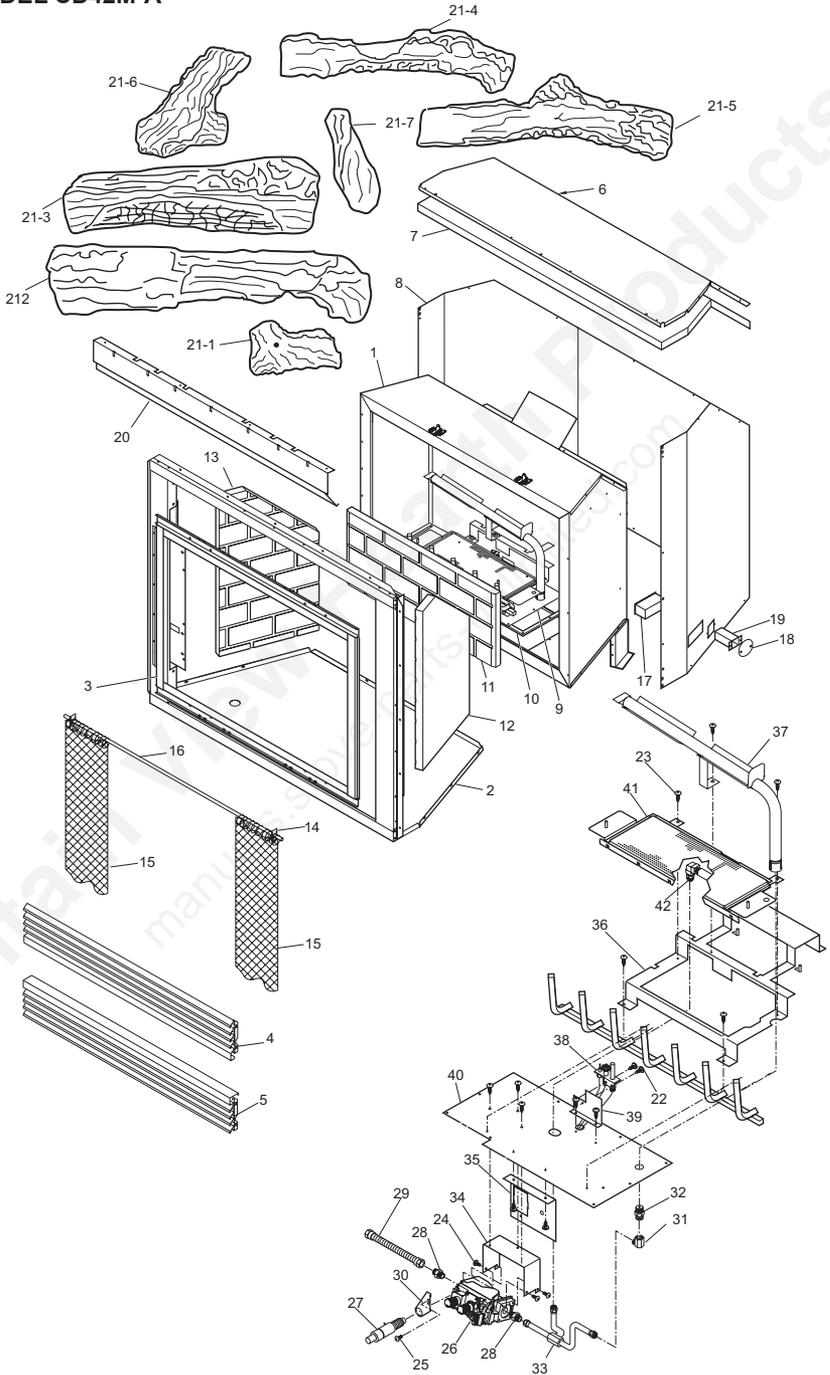
MODEL CD36M-B SERIES

KEY			
NO.	PART NO.	DESCRIPTION	QTY.
1	**	Firebox Assembly	1
2	**	Face Weldment	1
3	108010-01	Door Assembly	1
4	108011-01	Top Panel Assembly Louver	1
5	108011-02	Bottom Panel Assembly Louver	1
6	**	Fireplace Top	1
7	****	Fireplace Top Insulation	1
8	**	Fireplace Surround	1
9	108074-01	Burner Assembly	1
10	108076-01	Burner Base Gasket	1
11	—	Right Face Extension	1
12	—	Left Face Extension	1
13	—	Top Face Extension	1
14	11418	Push-On Nut	2
15	12105	Screen	2
16	13113	Screen Rod	1
17	**	Electrical Duct Assembly	1
18	**	Gas Knock-Out Cover	2
19	**	Gas Conduit Assembly	1
20	109082-01	Heat Shield	1
21	109006-01	Log Set	1
21-1	110182-01	Front Log (Log 1)	1
21-2	109007-01	Rear Log (Log 2)	1
21-3	109009-01	Base Log (Log 3)	1
21-4	109008-01	Crossover Log (Log 4)	1
21-5	107348-01	Left Top Log (Log 5)	1
21-6	107347-01	Right Top Log (Log 6)	1
22	11102	Screw #8-32 x 3/8 PPH Zinc	2
23	11105	Screw #10 x 1/2 Zinc	9
24	11179	Screw #10-24 x 1/4 Zinc	4
25	11237	Screw Trilab M4 x 8 mm	1
26	14389	HI-LO Sit Valve (Natural Gas)	1
27	14492	Piezo Ignitor	1
28	14500	Brass Fitting	2
29	14253	Flexible Connector	1
30	14511	Ignitor Bracket	1
31	14528	Brass Elbow Fitting	1
32	14496	Orifice	1
33	14576	Aluminum Tubing Assembly	1
34	26808	Valve Bracket	1
35	26827	Switch Bracket	1
36	108077-01	Grate Base	1
37	104504-03	Burner Tube	1
38	108084-02	Pilot Assembly (Natural Gas)	1
39	**	Burner Base Assembly	1
PARTS AVAILABLE NOT SHOWN			
	25487	Lava Rock	1
	110251-01	Micro Switch Assembly	1
	27253	Notice Label	1
	112033-01	Gas Conversion Kit	1

** Not a field replaceable part.

PARTS

MODEL CD42M-A



PARTS

MODEL CD42M-A

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	**	Firebox Assembly	1
2	**	Face Weldment	1
3	108328-01	Door Assembly	1
4	108331-01	Top Panel Assembly Louver	1
5	108331-03	Bottom Panel Assembly Louver	1
6	**	Fireplace Top	1
7	**	Fireplace Top Insulation	1
8	**	Fireplace Surround	1
9	108329-05	Burner Assembly	1
10	108374-01	Burner Base Gasket	1
11	111297-01	Rear Refractory	1
12	111298-01	Right Refractory	1
13	111299-01	Left Refractory	1
14	11418	Push-On Nut	2
15	107840-01	Screen	2
16	108455-01	Screen Rod	1
17	110037-01	Electrical Duct Assembly	1
18	**	Gas Knock-Out Cover	2
19	**	Gas Conduit Assembly	1
20	**	Heat Shield	1
21	108778-01	Log Set	1
21-1	109402-01	Small Base Log (Log 1)	1
21-2	109396-01	Front Log (Log 2)	1
21-3	109397-01	Rear Log (Log 3)	1
21-4	109398-01	Crossover Log (Log 4)	1
21-5	109399-01	Top Center Log (Log 5)	1
21-6	109400-01	Top Left Log (Log 6)	1
21-7	109401-01	Top Right Log (Log 7)	1
22	11102	Screw #8-32 x 3/8 PPH Zinc	2
23	11105	Screw #10 x 1/2 Zinc	9
24	11179	Screw #10-24 x 1/4 Zinc	4
25	11237	Screw Trilab M4 x 8 mm	1
26	14389	HI-LO Sit Valve (Natural Gas)	1
27	14492	Piezo Ignitor	1
28	14500	Brass Fitting	2
29	14253	Flexible Connector	1
30	14511	Ignitor Bracket	1
31	14528	Brass Elbow Fitting	1
32	104506-25	Orifice	1
33	14544	Aluminum Tubing Assembly	1
34	26808	Valve Bracket	1
35	26827	Switch Bracket	1
36	108346-01	Grate Base	1
37	108376-01	Burner Tube	1
38	108084-02	Pilot Assembly (Natural Gas)	1
39	108755-01	Pilot Bracket	1
40	108373-01	Burner Base Assembly	1
41	108330-01	Burner Pan Assembly	1
42	104506-24	Orifice	1
PARTS AVAILABLE NOT SHOWN			
	25487	Lava Rock	1
	110251-01	Micro Switch Assembly	1
	27253	Notice Label	1
	111007-01	Gas Conversion Kit	1

** Not a field replaceable part.

LIMITED TWO YEAR WARRANTY

KEEP THIS WARRANTY

Model _____

Serial No. _____

Date Purchased _____

1. These products are warranted by Style Crest to the retail consumer for 2 years against defects in materials and workmanship. This warranty is transferable. A Consumer Registration Card is enclosed. Return of the registration card is not a requirement to obtain warranty performance but is included to enable Style Crest to locate consumers in the unlikely event of a product problem notification.
2. Any defective part will be repaired or replaced on an exchange basis. Authorized Service Centers will be paid based on establishment warranty labor rates.
3. The warranty duration shall be calculated as follows:
 - 3.1 The warranty on repaired or replaced parts furnished pursuant to this warranty shall be for the unexpired duration of the original warranty.
 - 3.2 If the product is installed as original equipment in a residence, the warranty period shall begin on the date of original purchase of the residence.
 - 3.3 If the product is installed in a residence previously purchased by the consumer, the warranty shall begin on date of product's installation in the residence.
 - 3.4 The consumer must establish these dates by presenting legible papers at the time the warranty claim is made showing applicable purchase date.
4. The consumer should proceed as follows to obtain warranty performance:
 - 4.1 Consult The Authorized Service Center list packed with the product for the name, address and telephone number of the nearest Authorized Service Center. Call the nearest applicable Service Center and provide your appliance model number, purchase date and a brief description of the problem. If local authorized service cannot be obtained, please write or call: Style Crest Services, P. O. Box 19110, Wichita, KS 67204; (800) 231-4822. Collect calls not accepted.
 - 4.2 All payment for in-warranty expenses shall be made to the Authorized Service Center or Service Dealer and not to the consumer.
5. Exceptions and Exclusions
 - 5.1 THERE ARE NO EXPRESS WARRANTIES EXCEPT AS SET OUT ABOVE. ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT LAST LONGER THAN THE EXPRESS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts therefore this limitation may not apply in your area.
 - 5.2 THIS WARRANTY DOES NOT COVER CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, OR INCIDENTAL EXPENSES, INCLUDING DAMAGE TO PROPERTY. Some states do not allow exclusion or limitations of incidental or consequential damages therefore this limitation or exclusion may not apply in your area.
 - 5.3 This warranty does not cover damages caused by failure to perform normal and routine maintenance as set out in the operation and service instructions provided with the product.
 - 5.4 This warranty does not cover damage caused by mishandling, misuse, neglect, lightning, corrosive atmospheres, improper installation, improper application, improper fuel supply, or damage caused by transportation or relocation of home.
 - 5.5 This warranty shall not apply if the nameplate is removed or defaced.
 - 5.6 This warranty applies only to the products sold at retail in the United States.
 - 5.7 This warranty does not cover damages or equipment failure due to the use of other than factory authorized parts as outlined in the parts list in the owner's manual.
 - 5.8 This warranty does not cover products used in non-residential applications.
6. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

This fireplace is manufactured for
Style Crest Inc. under the VEXAR
brand name by:

FMI PRODUCTS, LLC
2701 S. Harbor Blvd.
Santa Ana, CA 92704
1-866-328-4537

www.fmiproducts.com

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