

# MAJESTIC VERMONT *Castings*

*Freestanding  
Direct Vent  
Fireplace*

**RFSDV34**

## Installation Instructions & Homeowner's Manual

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.

### **FOR YOUR SAFETY**

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 your neighbours phone. Follow the gas suppliers instructions.
- \* If you cannot reach your gas supplier call the fire department.

### **FOR YOUR SAFETY**

DO NOT STORE  
OR USE GASOLINE OR OTHER  
FLAMMABLE VAPOURS OR LIQUIDS  
IN THE VICINITY OF THIS OR ANY  
OTHER APPLIANCE.

- \* Installation and service must be performed by a qualified installer, service agency or your gas supplier.



410 Admiral Blvd. Mississauga, Ontario, Canada. L5T 2N6  
www.majesticproducts.com / www.vermontcastings.com

**INSTALLER: DO NOT DISCARD THIS MANUAL - LEAVE FOR HOMEOWNER**

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**PLEASE READ THE INSTALLATION & OPERATING INSTRUCTIONS BEFORE USING APPLIANCE.**

*Thank you and congratulations on your purchase of a Majestic fireplace*

**IMPORTANT:** Read all instructions and warnings carefully before starting installation. Failure to follow these instructions may result in a possible fire hazard and will void the warranty.

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## INSTALLATION AND OPERATING INSTRUCTIONS

This gas fireplace should be installed by a qualified installer accordance with local building codes and with current CAN/CGA-B149 (.1 or .2) Installation codes for Gas Burning Fireplaces and Equipment. If the unit is being installed in a mobile home the installation should comply with the current CAN/CSA Z 240.4 code.

FOR U.S.A Installations follow local codes and/or the current National Fuel Gas Code. ANSI Z223.1.

### FOR SAFE INSTALLATION AND OPERATION PLEASE NOTE THE FOLLOWING:

- 1 This fireplace gives off high temperatures and should be located out of high traffic areas and away from furniture and draperies.
- 2 Children and adults should be alerted to the hazards of the high surface temperatures of this fireplace and should stay away to avoid burns or ignition of clothing.
- 3 Children should be carefully supervised when they are in the same room as your fireplace.
- 4 Under no circumstances should this fireplace be modified. Parts removed for servicing should be replaced prior to operating the fireplace again.
- 5 Installation and any repairs to this fireplace should be carried out by a qualified service person. A professional service person should be contacted to inspect this fireplace annually. Make it a practice to have all of your gas fireplaces checked annually. More frequent cleaning may be required due to excess lint and dust from carpeting, bedding material, etc.
- 6 Control compartments, burners and air passages in this fireplace should be kept clean and free of dust and lint. Make sure that the gas valve and pilot light are turned off before you attempt to clean this fireplace.
- 7 The venting system (chimney) of this fireplace should be checked at least once a year and if needed your venting system should be cleaned.
- 8 Keep the area around your fireplace clear of combustible materials, gasoline and other flammable vapour and liquids. This fireplace should not be used as a drying rack for clothing, nor should Christmas stockings or decorations be hung on or around the fireplace.
- 9 Under no circumstances should any solid fuels (wood, coal, paper or cardboard etc.) be used in this fireplace.
- 10 The flow of combustion and ventilation air must not be obstructed in any way.
- 11 When the fireplace is installed directly on carpeting, vinyl tile or any combustible material other than wood, the fireplace must be installed on a metal or wood panel extending the full width and depth of the fireplace.
- 12 This fireplace requires adequate ventilation and combustion air to operate properly.
- 13 This fireplace must not be connected to a chimney flue serving a separate solid fuel burning fireplace.
- 14 When the fireplace is not in use it is recommended that the gas control valve be left in the "OFF" position.

### IMPORTANT:

### PLEASE REVIEW THE FOLLOWING CAREFULLY

Remove any plastic from trim parts before turning the fireplace ON.

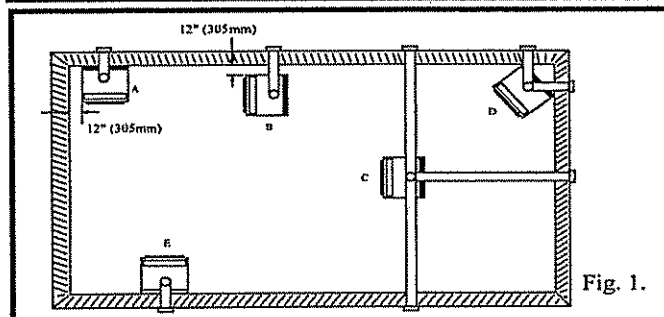
It is normal for fireplaces fabricated of steel to give off some expansion and/or contraction noises during the start up or cool down cycle. Similar noises are found with your furnace heat exchanger or car engine.

It is not unusual for your Majestic gas fireplace to give off some odour the first time it is burned. This is due to the curing of the paint and any undetected oil from the manufacturing process.

**Please ensure that your room is well ventilated - open all windows.**

It is recommended that you burn your Majestic fireplace for a least six (6) hours the first time you use it. If optional fan kit has been installed, place fan in the "OFF" position during this time.

### LOCATING YOUR FIREPLACE



- A) \*Flat on wall corner      B) \*Room divider  
C) Island                      D) Cross corner  
E) Flat on wall

\* A & B must maintain a 12" (305 mm) clearance between the wall and side glass of fireplace.

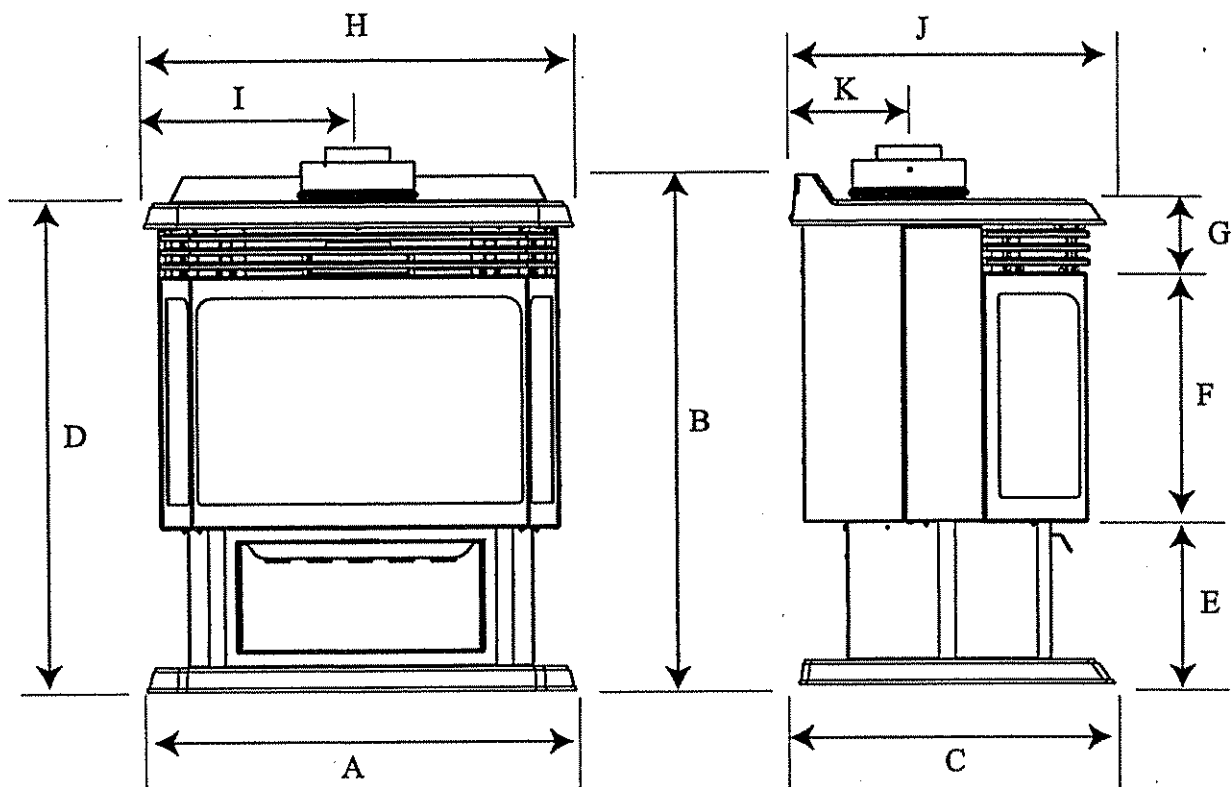


*There is a minimum vertical rise required for the venting which varies depending on the application. The maximum horizontal run also has restrictions. Become familiar with the venting instructions starting on page 9, before starting the installation.*

### CLEARANCE TO COMBUSTIBLES

Adequate clearances as listed below must be maintained for servicing and proper operation:

BACK .....	0"
SIDE .....	12"
FLOOR .....	0"
TOP .....	36"
CORNER .....	0" TO BACK EDGES
VENT PIPE .....	1"



## RFSDV34 Dimension Table

A.....	26.25 in	(667 mm)
B.....	31.75 in	(806 mm)
C.....	19.38 in	(492 mm)
D.....	30.25 in	(768 mm)
E.....	10.25 in	(260 mm)
F.....	15.5 in	(394 mm)
G.....	4.75 in	(121 mm)
H.....	26.25 in	(667 mm)
I.....	13.13 in	(334 mm)
J.....	19.38 in	(492 mm)
K.....	6.5 in	(165 mm)

## GAS SPECIFICATIONS

MODEL	FUEL	GAS CONTROL	MAX. INPUT B.T.U.H	MIN. INPUT B.T.U.H
RFSDV34RN	Natural Gas	Millivolt Hi/Lo	30,000	21,000
RFSDV34RP	Propane Gas	Millivolt Hi/Lo	30,000	22,500
RFSDV34TN	Natural Gas	Thermostatic	30,000	21,000
RFSDV34TP	Propane Gas	Thermostatic	30,000	22,500
RFSDV34RFN	Natural Gas	Radio Frequency	30,000	21,000
RFSDV34RFP	Propane Gas	Radio Frequency	30,000	22,500
RFSDV34RMH	Nat/Prop	Millivolt Hi/Lo	30,000	21,000

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

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

The installation of your Majestic Fireplace must conform with local codes, or in the absence of local codes, with National Fuel Gas Code, ANSI Z223.1 latest edition, or CAN 1 B1-149.1 and .2 Installation Code. (EXCEPTION: Do not derate this appliance for elevations up to 4,500 ft. (1,370m). Maintain the manifold pressure at 3.5 inches W.C. for Natural Gas and 10 inches W.C. for LP gas.)

**RFSDV34  
CERTIFIED TO**

**ANSI Z21.88b-1999 / CSA 2.33b - M99  
Vented Gas Fireplace Heaters**

### GAS INLET & MANIFOLD PRESSURES

	NATURAL	LP (Propane)
Inlet Minimum	4.5" wc	11.0" wc
Inlet Maximum	7.0" wc	10.0" wc
Manifold Pressure	3.5" wc	10.0" wc

## PREPARATION



*The use of wall paper adjacent to this fireplace is not recommended, as the high heat given off by this fireplace may adversely effect the binders in the adhesive used to apply the wallpaper.*

Before beginning, remove the glass door from the fireplace. Also check to make sure there is no hidden damage to the fireplace. Take a minute and plan out the gas, vent and electrical supply. See Glass Removal Section.

## GAS LINE INSTALLATION



*When purging the gas line, the front glass must be removed.*

The gas pipeline can be brought in through the rear of the fireplace as well as the bottom. Knockouts are provided on the bottom behind the valve to allow for the gas pipe installation and testing of any gas connection. It is most convenient to bring the gas line in from the rear right side of the valve, as this allows fan installation or removal without disconnecting the gas line.



*The gas line connection can be made with properly tinned 3/8" copper tubing, 3/8" rigid pipe or an approved flex connector. Since some municipalities have some additional local codes, it is always best to consult your local authority and the CAN/CGA- B149 (.1 or .2) installation code.*

FOR U.S.A Installations consult the current National Fuel Gas Code, ANSI Z223.1



*Always check for gas leaks with a mild soap and water solution. Do not use an open flame for leak testing.*

*The gas control is equipped with a captured screw type pressure test point, therefore it is not necessary to provide a 1/8" test point up stream of the control.*

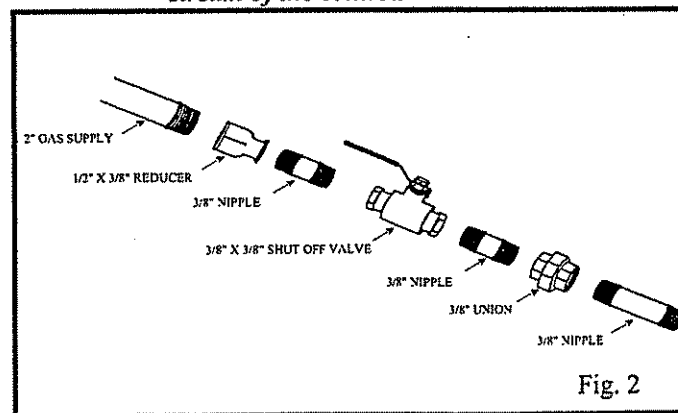


Fig. 2

When using copper or flex connector use only approved fittings. Always provide a union when using back iron pipe so that gas line can be easily disconnected for burner or fan servicing, see Fig. 2. See gas specification for pressure details ratings.

The fireplace valve must not be subjected to any test pressures exceeding 1/2 psi. Isolate or disconnect this or any other gas appliance control from the gas line when pressure testing.

On fireplaces equipped with Eurosit 630 gas valves there are brass plugs in two of the holes. **These plugs are not to be removed.** The gas inlet hole has a plastic cap in it. Remove the plastic cap and connect your gas supply line at this point. (Fig. 3).

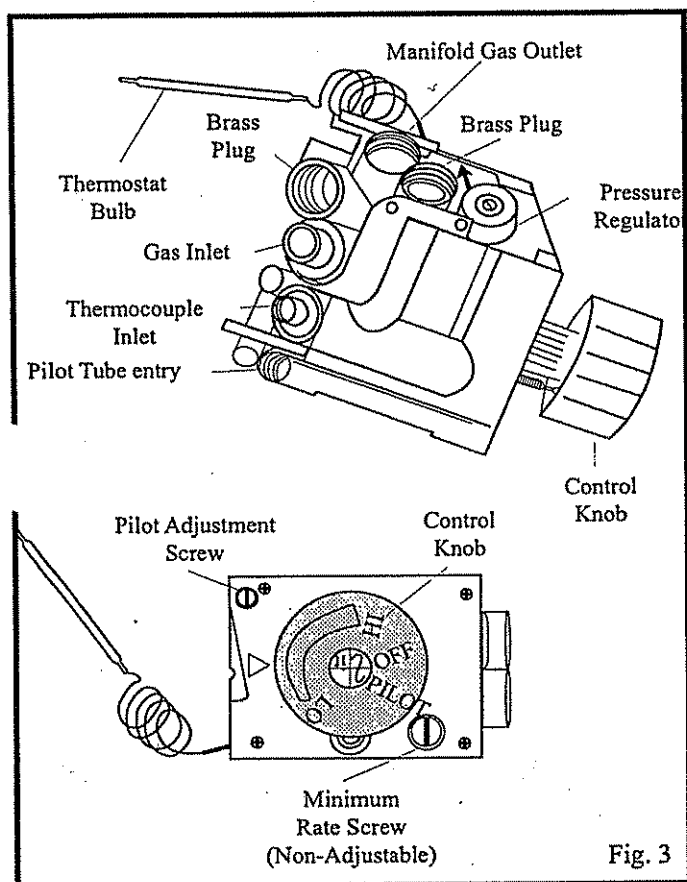


Fig. 3



**DO NOT USE THIS FIREPLACE IF ANY PART OF THIS FIREPLACE HAS BEEN UNDER WATER. IMMEDIATELY CALL A QUALIFIED SERVICE TECHNICIAN TO INSPECT THE HEATER AND TO REPLACE ANY PART CONTROL WHICH HAS BEEN UNDER WATER.**

## INSTALLATION OF REMOTE SWITCH FOR RN/RP GAS VALVE

*The remote ON/OFF switch can not be fitted to units using the Honeywell Radio Frequency control valve.*

*If the fireplace has been fitted with the Radio Frequency Control Valve the ON/OFF function is controlled by the remote handset. (See the addendum or the instructions packaged with the remote handset.*

Install on/off switch assembly on either the rear right or left side of the Fireplace.

1. Remove the screw at the back of the cabinet top either on the left or the right side of the fireplace.
2. Position switch assembly onto the back of the fireplace, then fasten two screws as shown in Fig. 5.
3. Attach wiring under the clips on the rear casing (Fig. 5) and install wiring through the rear opening of the fireplace before connecting to the valve as shown in Fig. 4.

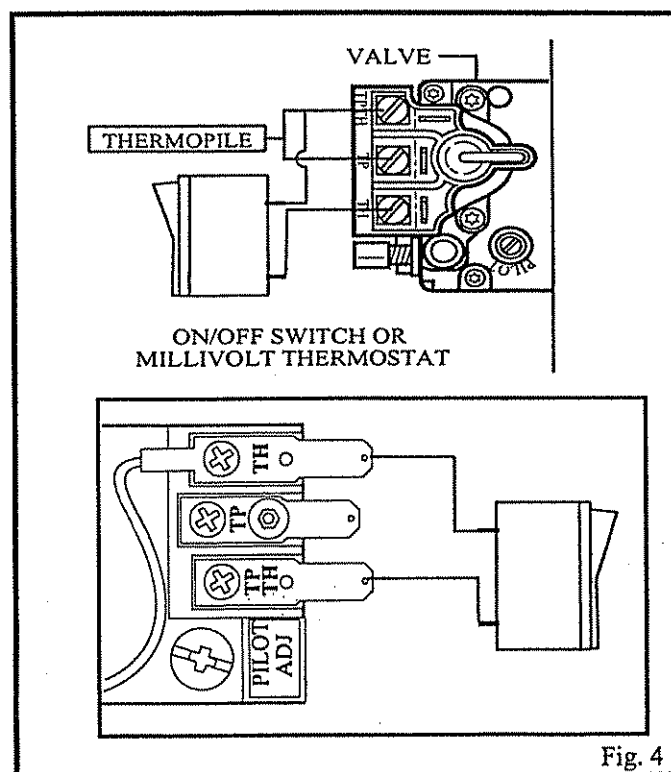


Fig. 4

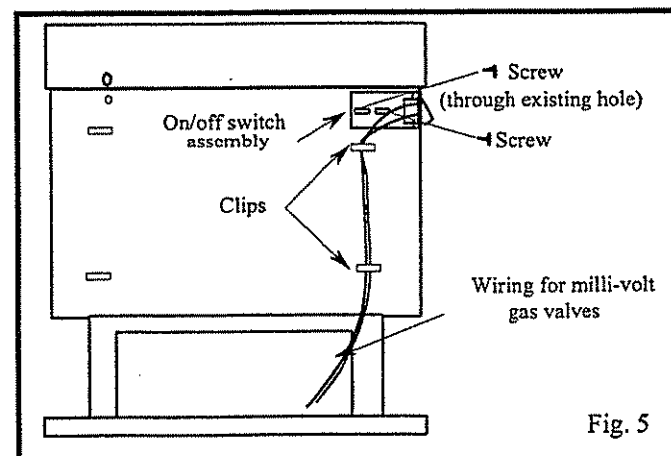


Fig. 5

## GENERAL VENTING INFORMATION - TERMINATION LOCATION

our fireplace is approved to be vented either through the side wall, or vertically through the roof.

Only venting components specifically approved and labelled for this fireplace may be used.

- Minimum clearances between vent pipes and combustible materials is one (1") inch (25 mm).
- Venting terminals shall not be recessed into a wall or siding.
- Horizontal venting must be installed on a level plane without any incline or decline.

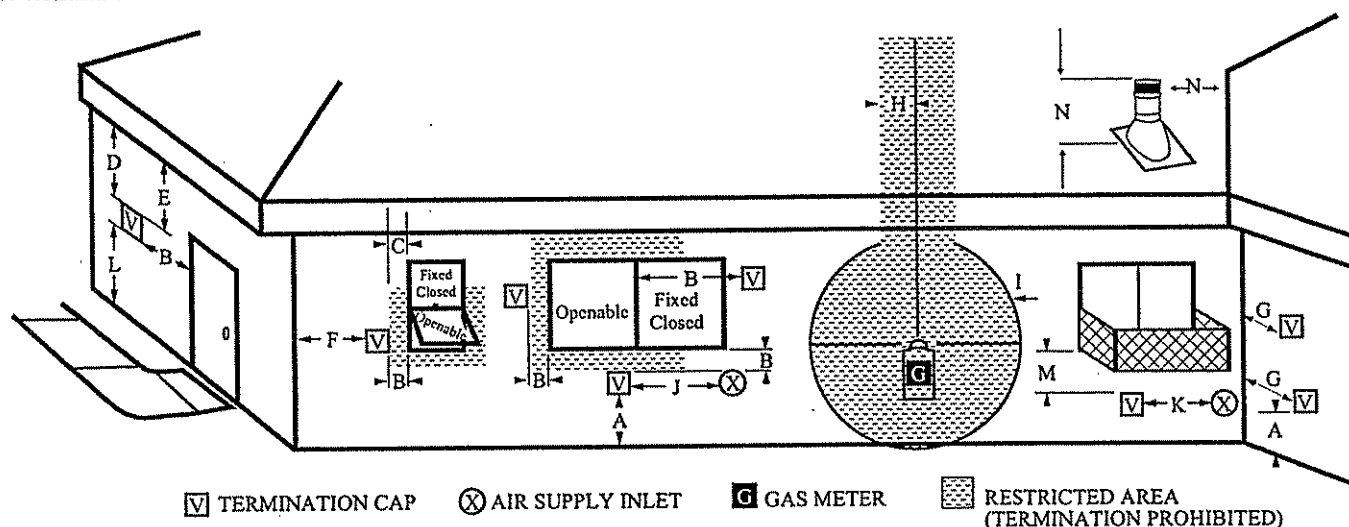
There must not be any obstruction such as bushes, garden sheds, fences, decks or utility buildings within 24" from the front of the termination hood.

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

### Location of Vent Termination

It is imperative that the vent termination be located observing the minimum clearances as shown on this page.

\*Check with local codes or in absence of same with CAN/CGA B149 (.1 or .2) Installation Codes (1991) for Canada or for U.S.A. Installations follow the current National Fuel Gas Code, ANSI Z223.1.



A = clearance above grade, veranda, porch, deck, or balcony [\* 12 inches (305mm) minimum]

B = clearance to window or door that may be opened 12" (306mm).

C = clearance to permanently closed window [minimum 12 inches (305mm) recommended to prevent condensation on window]

D = vertical clearance to ventilated soffit located above the terminal/ within a horizontal distance of 24 inches (610mm) from the centre-line of the terminal [18 inches (458mm) minimum]

E = clearance to unventilated soffit [12 inches (305mm) minimum]

F = clearance to outside corner see next page

G = clearance to inside corner see next page

H = \* not to be installed above a meter/regulator assembly within 36 inches (914mm) horizontally from the centre-line of the regulator

I = clearance to service regulator vent outlet [\*72 inches (1828mm) minimum]

J = clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other fireplace [\*12 inches (305mm) minimum]

K = clearance to a mechanical air supply inlet [\* 72 inches (1828mm) minimum]

L = ‡ clearance above paved side-walk or a paved driveway located on public property [\*84 inches (2133mm) minimum]

M = clearance under veranda, porch, deck [\*12 inches (305mm) minimum ‡]

N = Clearance above a roof shall extend a minimum of 24" (610mm) above the highest point when it passes through the roof surface, and any other obstruction within a horizontal distance of 18" (450mm).

‡ a 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, is fully open on a minimum 2 sides beneath the floor \*

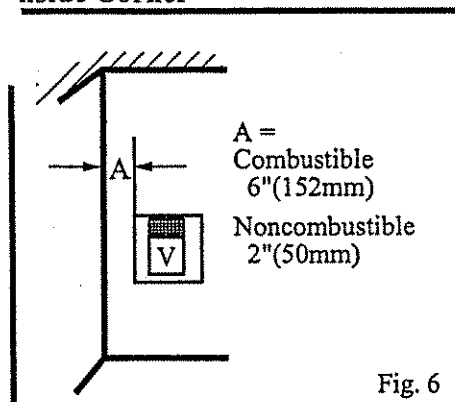
\* as specified in CAN/CGA B149 (.1 or .2) Installation Codes (1991) for Canada or for U.S.A. Installations follow the current National Fuel Gas Code, ANSI Z223.1.

Note: Local codes or regulations may require different clearances.

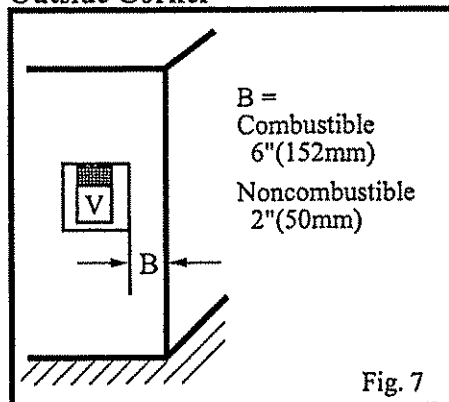
## Termination Clearances

Termination clearances for buildings with combustible and noncombustible exteriors.

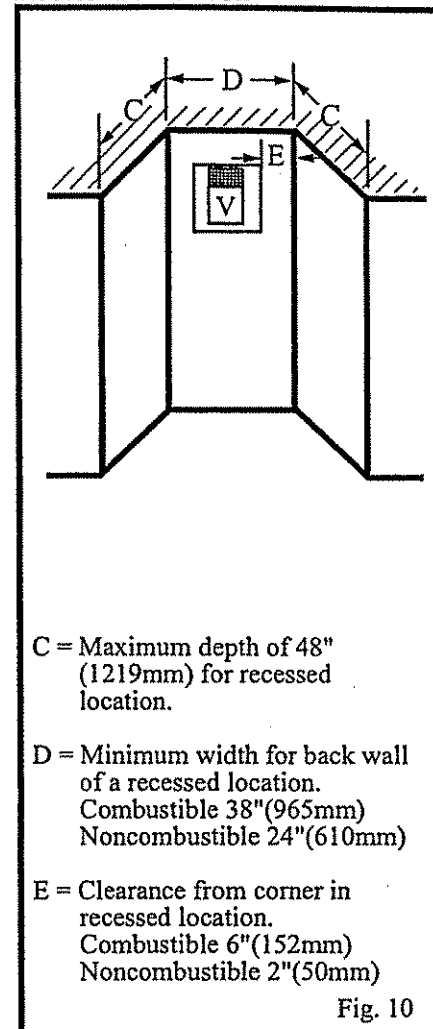
### Inside Corner



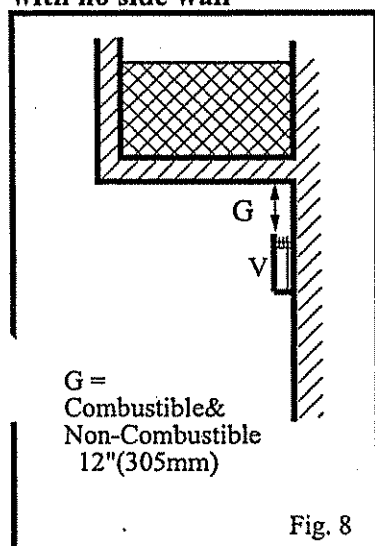
### Outside Corner



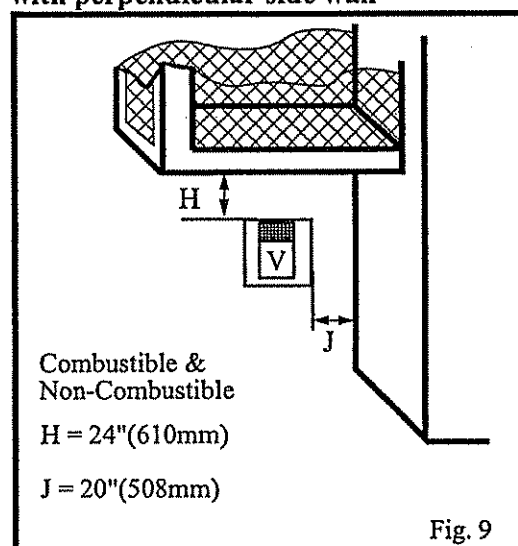
### Recessed Location



### Balcony - with no side wall



### Balcony - with perpendicular side wall



## GENERAL INFORMATION ON ASSEMBLING THE VENT PIPES IN DIRECT VENT APPLICATIONS

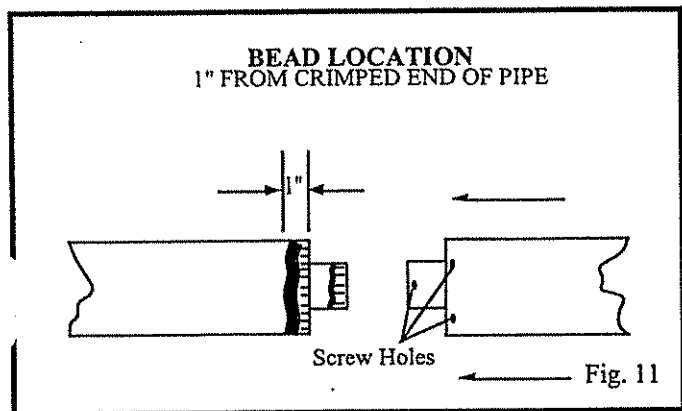
### CRIMPED END PIPES

Before joining elbows and pipes apply a bead of high temperature sealant to the crimped end of the elbow or pipe.

Join the pipes using a 2" (50 mm) overlap and secure joints with three (3) sheet metal screws, (see Fig. 11). Wipe off excess sealant.



*There are polished brass decorative rings available to hide the exposed piping joints. Wrap the brass ring over the joint fitting the stud into the notch and tighten down the 3/8" nut*



#### CANADIAN INSTALLATIONS:

The venting system must be installed in accordance with the current CAN/CGA-B149 (.1 or .2) installation code.

#### U.S.A. INSTALLATIONS:

The venting system must conform with local codes and/or the current National Fuel Gas Code, ANSI Z223.1.

Only venting components manufactured by The CFM Majestic Products Company may be used.

### TWIST LOCK PIPES

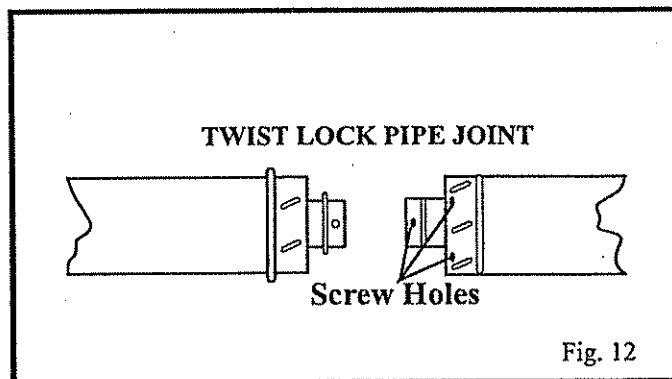
When using CFM Majestic twist lock pipe it is not necessary to use sealant at the twist lock joints.

The only areas of the venting that need to be sealed with high temperature silicone sealant are the collars on the fireplace and termination, and the sliding joint of any telescopic vent pipes used in the system.

To join the twist lock pipes together, simply align the beads of the male end with the grooves of the female end, then while bringing the pipes together, twist the pipe until the flange on the female end contacts the external flange on the male end.

It is recommended that you secure the joints with 3 sheet metal screws however this is not mandatory with twist lock pipe.

To make it easier to assemble the joints we suggest putting a lubricant (Vaseline or similar) on the male end of the twist lock pipe.



## VERTICAL SIDEWALL INSTALLATIONS

Since it is very important that the venting system maintain its clearance between the combustion air intake and the flue gas must, certain limitations as to vent configurations apply and must be strictly adhered to.

*The graph, on page 11, showing the relationship between vertical and horizontal side wall venting will help to determine the various lengths allowable.*

*Minimum clearance between vent pipes and combustible materials is one 1" (25mm) on top, bottom and sides unless otherwise noted.*

*When vent termination exits through foundations less than 20" below siding outcrop, the vent pipe must flush up with the siding.*

*It is always best to locate the fireplace in such a way that minimizes the number of offsets and horizontal vent length.*

*The horizontal vent run refers to the total length of vent pipe from the flue collar of the fireplace to the face of the outer wall.*

*Horizontal plane means no vertical rise exists on this portion of the vent assembly.*

## VERTICAL SIDEWALL APPLICATIONS

- The maximum number of 90 degree elbows per side wall installation is three (3).
- For RFSDV34 models the maximum horizontal run off a minimum 12" vertical rise is 3'. (See Fig. 15)
- If a 90 degree elbow is used in the horizontal vent run (level height maintained) the maximum horizontal vent length is reduced by 36 inches, (Fig. 14). This does not apply if the 90 degree elbows are used to increase or redirect a vertical rise (Fig. 16).

Example: According to the chart the maximum horizontal vent length is 20' and if a 90 degree elbow is required in the horizontal vent it must be reduced to 17'.

**In Fig. 14 Dimension A plus B must not be greater than 17'.**

- The maximum number of 45 degree elbows permitted per side wall installation is two (2). These elbows can be installed in either the vertical or horizontal run.
- For each 45 degree elbow installed in the horizontal run, the length of the horizontal run **MUST** be reduced by 18" (45cm). This does not apply if the 45 degree elbows are installed on the vertical part of the vent system.
- The maximum number of elbow degrees in a system is 270° (See Fig. 13).

Example: In Figure 13

1	-	90°
2	-	45°
3	-	45°
4	-	90°
Total		270°

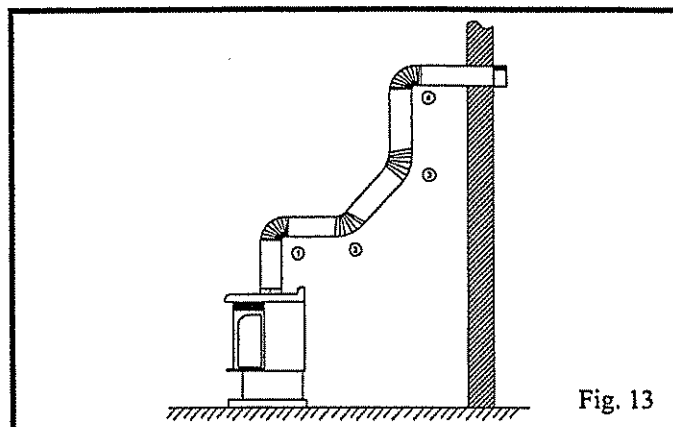


Fig. 13

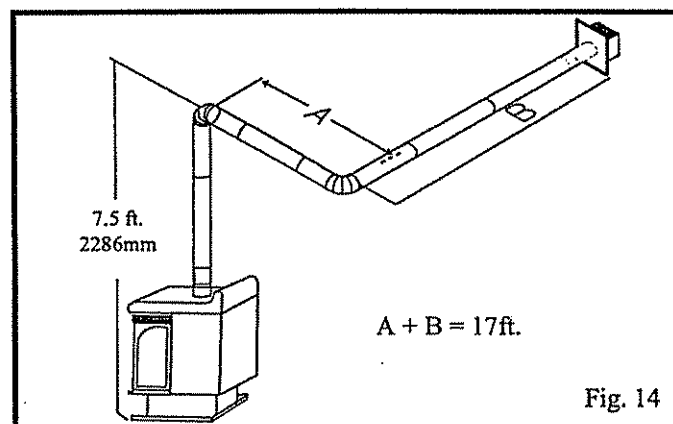


Fig. 14

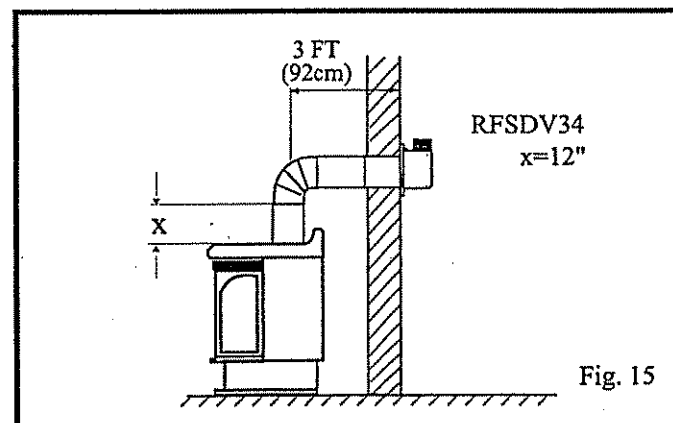


Fig. 15

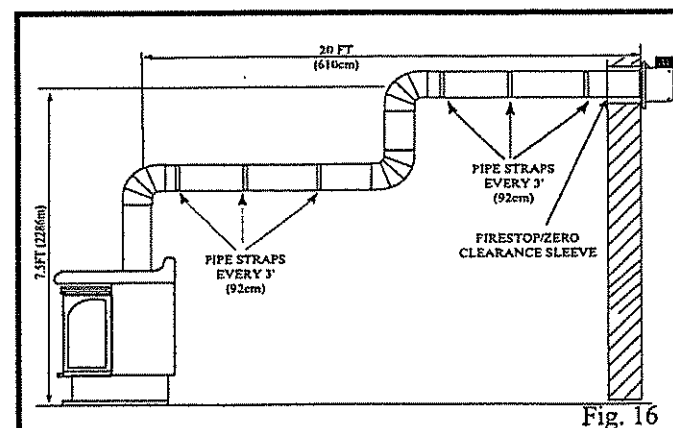


Fig. 16

## TO USE THE VENT GRAPH

- Determine the height of the centre of the horizontal vent pipe exiting through the outer wall. Using this dimension on the Sidewall Vent Graph below, locate the point it intersects with the slanted graph line.
- From the point of this intersection, draw a vertical line to the bottom of the graph.
- Select the indicated dimension, and position the fireplace in accordance with same.

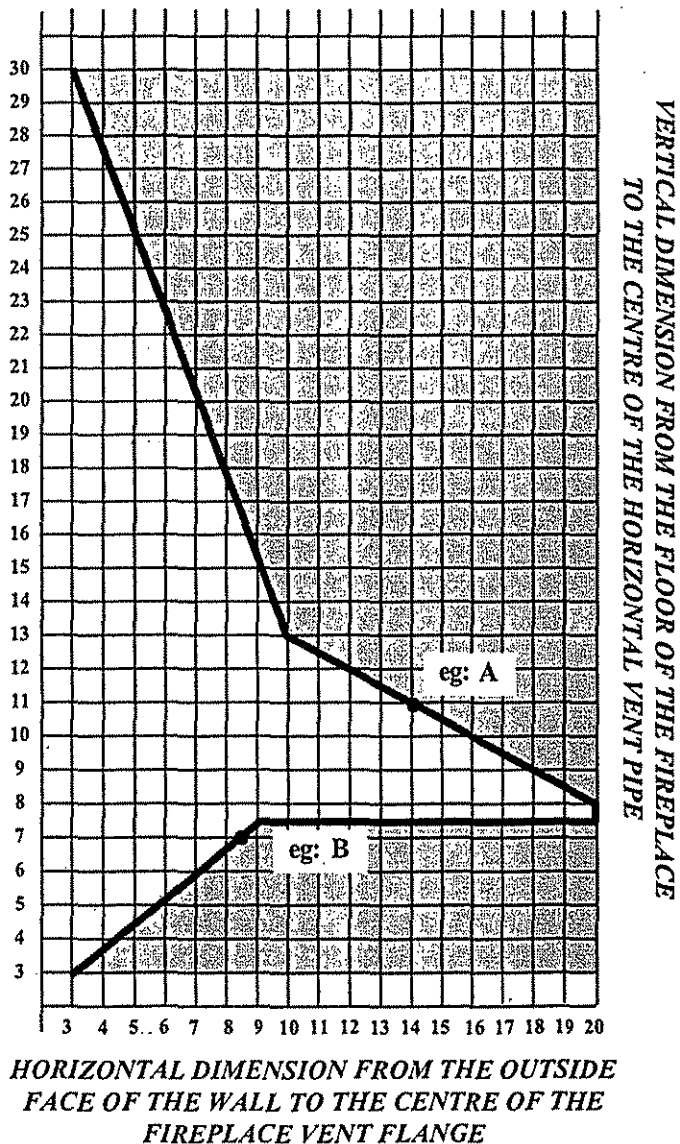
### EXAMPLE A:

If the vertical dimension from the floor of the fireplace is 11 feet (335cm) the horizontal run to the face of the outer wall must not exceed 14 feet (427cm).

### EXAMPLE B:

If the vertical dimension from the floor of the fireplace is 7 feet (214cm), the horizontal run to the face of the outer wall must not exceed 8-1/2 feet (259cm).

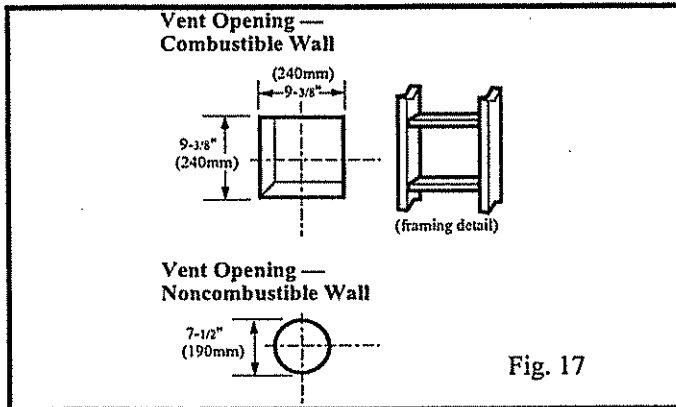
## SIDEWALL VENTING GRAPH (Dimensions in Feet)



## VENT PIPE ASSEMBLY

### STEP 1

Locate vent opening on the wall. It may be necessary to first position the fireplace and measure to obtain hole location. Depending on whether the wall is combustible or non-combustible, cut opening to size. (Fig. 17)  
(For combustible walls first frame in opening. Fig. 17).



**COMBUSTIBLE WALLS :** Cut a 9-3/8"H x 9-3/8"W (240 mm x 240 mm) hole through the exterior wall and frame as shown (Fig. 14).

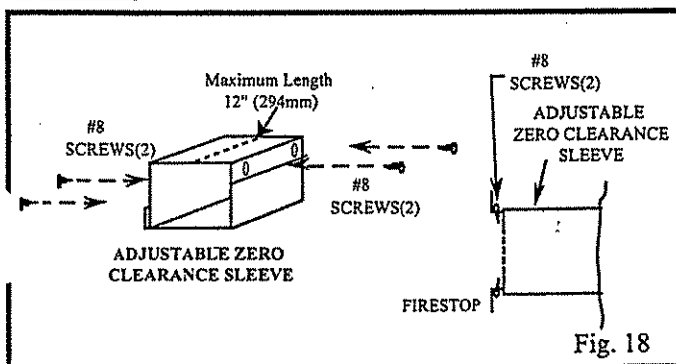
**NON-COMBUSTIBLE WALLS :** Hole opening must be 7.5" (190 mm) in diameter.

### STEP 2

Measure wall thickness and cut zero clearance sleeve parts to proper length (MAXIMUM 12"). Assemble sleeve and attach to firestop with #8 sheet metal screws (supplied). Install firestop assembly (Fig. 18)..

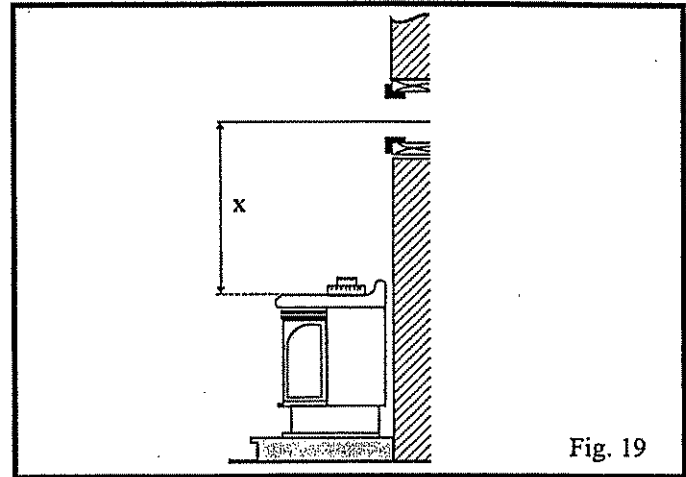


Zero clearance sleeve is only required for combustible walls.



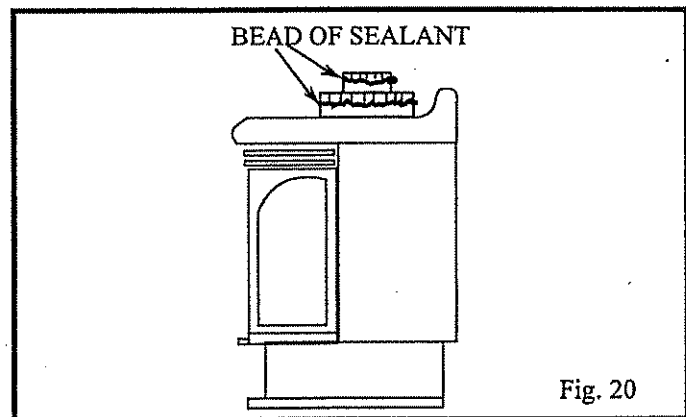
### STEP 3

Place fireplace into position. (Fig. 19). Measure the vertical length (X) required from the base of the flue collars to the centre of the wall opening.



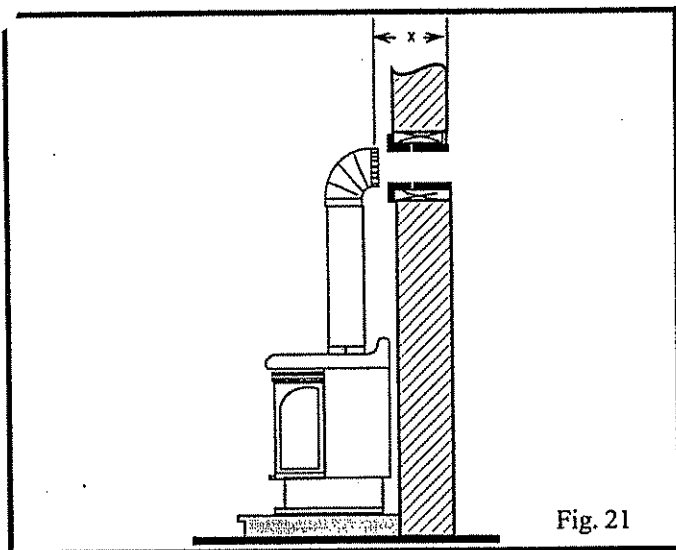
### STEP 4

Apply a bead of silicone to the inner and outer flue collars of the fireplace (Fig. 20) and using appropriate length of pipe section(s) attach to fireplace with three (3) screws. Follow with the installation of the inner and outer elbow, again secure joints as described on page 9.



## STEP 5

Measure the horizontal length requirement including a 2" over-  
lap, i.e. from the elbow to the outside wall face plus 2" (or the  
distance required if installing a second 90° elbow. (Fig. 21).

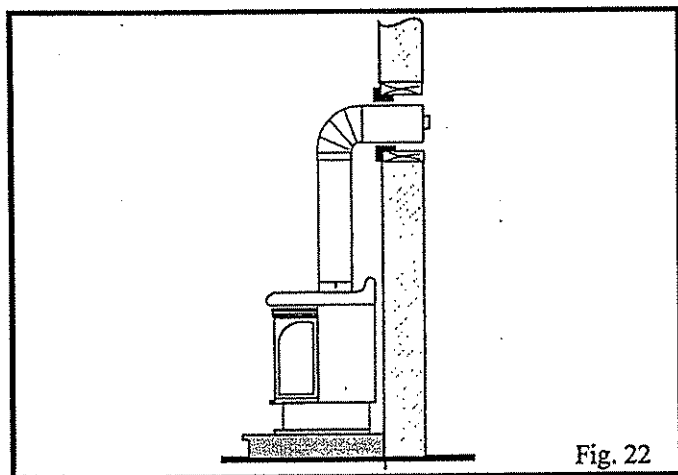


*Always install horizontal venting on a level  
plane.*

## STEP 6

Note: If using the charcoal wall plate, Part #52202-CG, and  
collar, Part #52203-CG, put them in place before putting the  
pipe sections through the wall.

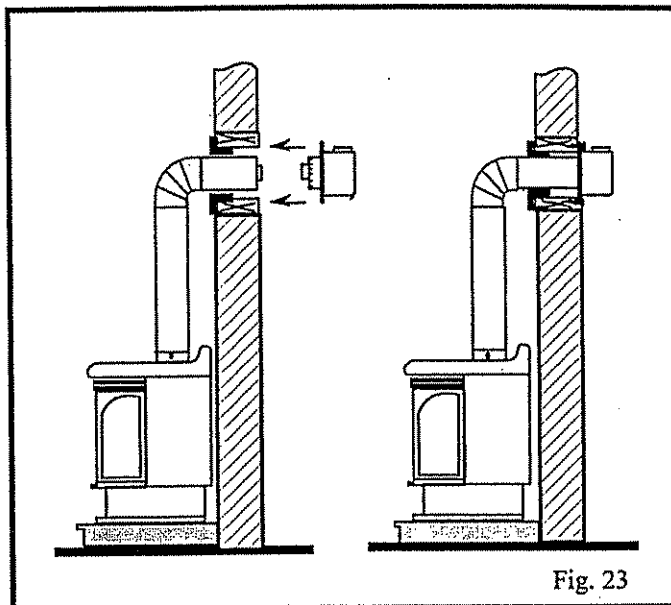
Use appropriate length of pipe sections - telescopic or fixed -  
and install. The sections which go through the wall are pack-  
aged with the starter kit, and can be cut to suit if necessary.  
(Fig. 22).



*Sealing vent pipe and firestop gaps with high  
temperature sealant will restrict cold air being  
drawn in around fireplace.*

## STEP 7

Apply high temperature sealant to 4" and 7" collars or the  
termination one inch away from crimped end. Guide the vent  
terminations 4" and 7" collars into their respective vent pipes.  
Double check that the vent pipes overlap the collars by 2".  
Secure the termination to the wall with screws provided and  
caulk around the wall plate to weatherproof.



*Support horizontal pipes every 3 feet (91 cm)  
with metal pipe straps.*



*Check fireplace to make sure it is levelled and  
properly positioned.*

## BELOW GRADE INSTALLATIONS

When it is not possible to meet the required vent terminal  
clearances of 12 inches (305mm) above grade level a starter  
vent kit is recommended. It allows installation depth of down  
to 7 inches (178mm) below grade level. The 7 inches is  
measured from the centre of the horizontal vent pipe as it  
penetrates through the wall.



*If venting system is installed below ground, we  
recommend a window well with adequate and  
proper drainage.*

Ensure sidewall venting clearances are observed.

If installing a snorkel a minimum 24" vertical rise is necessary. The maximum horizontal run with the 24" vertical pipe is 36" (915mm). This measurement is taken from the collar of the replace to the face of the exterior wall. See the Vent Chart page 11 for extended horizontal run if the vertical exceeds

1. Establish vent hole through the wall (Fig. 17).
2. Remove soil to a depth of approximately 16" below base of snorkel. Install drain pipe. Install window well (not supplied). Refill hole with 12" of coarse gravel leaving a clearance of approximately 4" below snorkel. (Fig. 24)
3. Install vent system.
4. Ensure a watertight seal is made around the vent pipe coming through the wall.
5. Apply high temperature sealant caulking (supplied) around the 4 and 7 inch snorkel collars.
6. Slide the snorkel into the vent pipes and secure to the wall.
7. Level the soil so as to maintain a 4" clearance below snorkel. (Fig. 24)

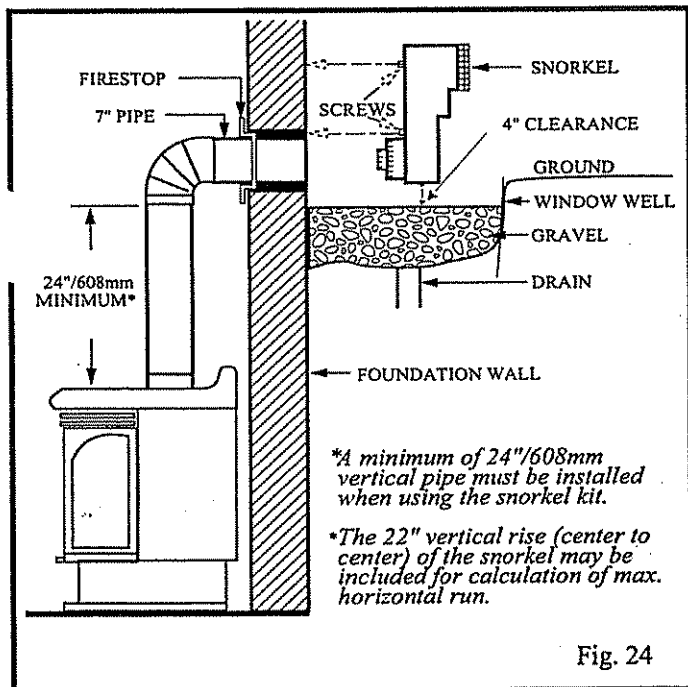


Fig. 24



**DO NOT BACK FILL AROUND SNORKEL. A CLEARANCE OF AT LEAST 4" MUST BE MAINTAINED BETWEEN THE SNORKEL AND THE SOIL**

If the foundation is recessed, use recess brackets (not supplied) for securing lower portion of the snorkel. Fasten brackets to wall first and then secure to snorkel with self drilling #8 x 1/2 sheet metal screws. It will be necessary to extend the vent pipes out as far as the protruding wall face (Fig. 25).

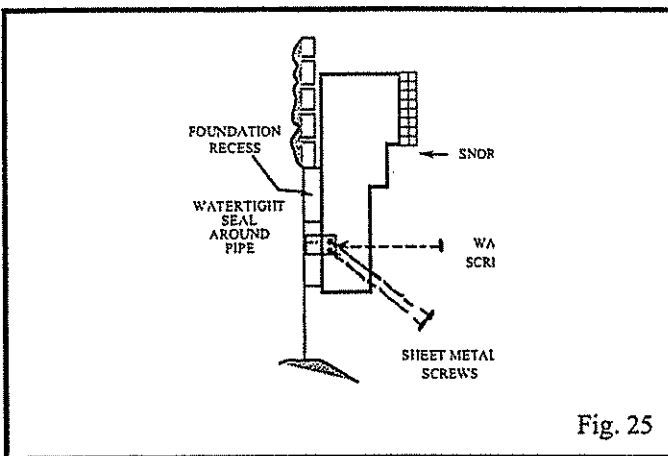


Fig. 25

## VERTICAL THROUGH THE ROOF APPLICATIONS

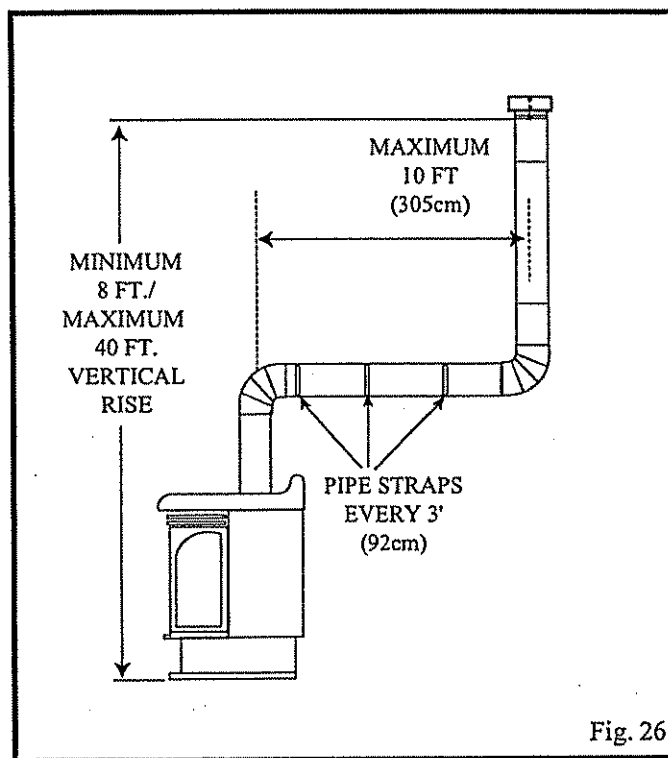


Fig. 26

This Gas Fireplace has been approved for,

- a) Vertical installations up to 40 feet (12 metres) in height. Up to a 10 ft. horizontal vent run can be installed within the vent system using a maximum of two 90° elbows. (Fig. 26)
- b) Up to two 45° elbows may be used within the horizontal run. For each 45° elbow used on the horizontal level the maximum horizontal length must be reduced by 18 inches.

Example: Maximum horizontal length

0	-	45° elbows	10 ft.
1	-	45° elbows	8.5 ft.
2	-	45° elbows	7 ft.

- c) A minimum of an 8 ft. vertical rise.
- d) Two sets of 45 degree elbow offsets within these vertical

installations. From 0 to a maximum of 8 ft. of vent pipe can be used between elbows. (Fig. 25)

- 7) 7DVCS must be used to support offsets. (Fig. 26)  
This application will require that you first determine the roof pitch and use the appropriate starter kit. (See Venting Components List)

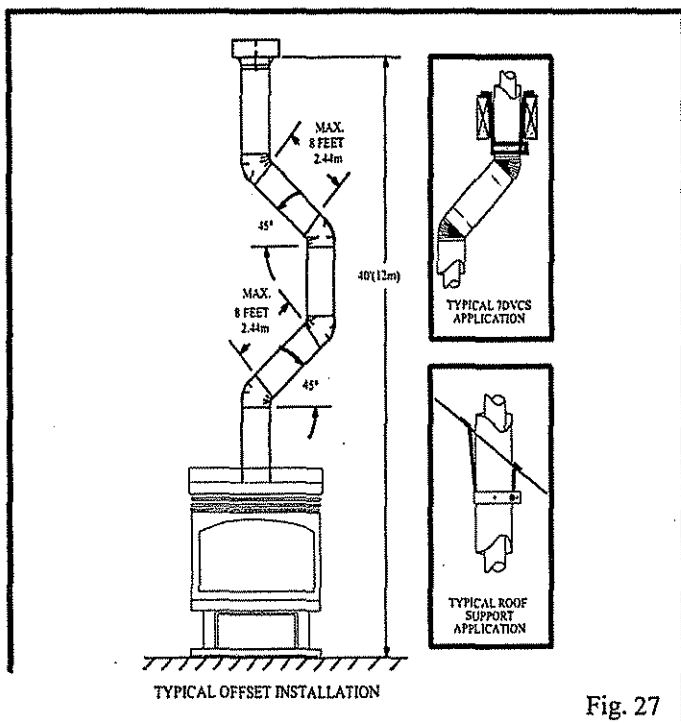


Fig. 27

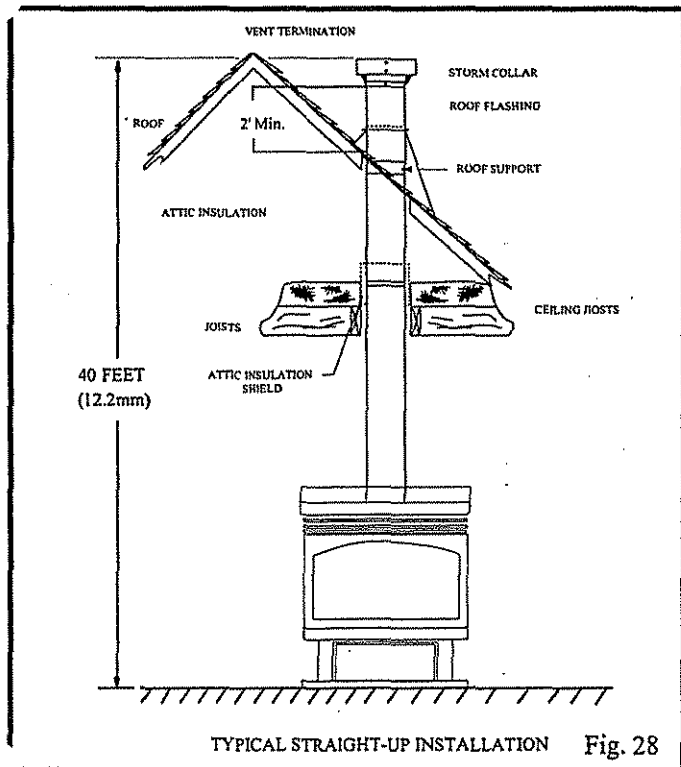


Fig. 28

The minimum height of the vent above the highest point of penetration through the roof is 2 feet. See Fig. 28.

## TO INSTALL VERTICAL VENTING

1. Locate your fireplace.
2. Plumb to centre of the (4") flue collar from ceiling above and mark position.
3. Cut opening equal to 9-3/8" x 9-3/8" (240 mm x 240 mm).
4. Proceed to plumb for additional openings through the roof. In all cases, the opening must provide a minimum of 1 inch clearance to the vent pipe, i.e., the hole must be at least 9-3/8" x 9-3/8" (240 mm x 240 mm).
5. Place fireplace into position.
6. Place firestop(s) #7DVFS or Attic Insulation Shield #7DVAIS into position and secure. (Fig. 29)
7. Install roof support (Fig. 27) and roof flashing making sure upper flange of flashing is below the shingles. Fig. 30.
8. Install appropriate pipe sections until above the flashing. (See Fig. 30).
9. Install storm collar and seal around the pipe.
10. Add additional vent lengths for proper height. Fig. 28.
11. Apply high temperature sealant to 4" and 7" collars of vertical vent termination and install.

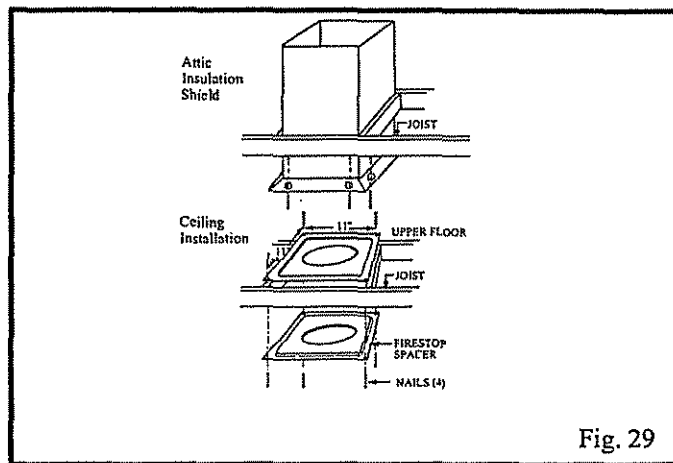


Fig. 29



*Fig. 29 If there is a room above ceiling level, firestop spacer must be installed on both the bottom and the top side of the ceiling joists. If an attic is above ceiling level a 7DVAIS (Attic Insulation Shield) must be installed.*

*The enlarged ends of the vent section always face downward, Fig. 30.*

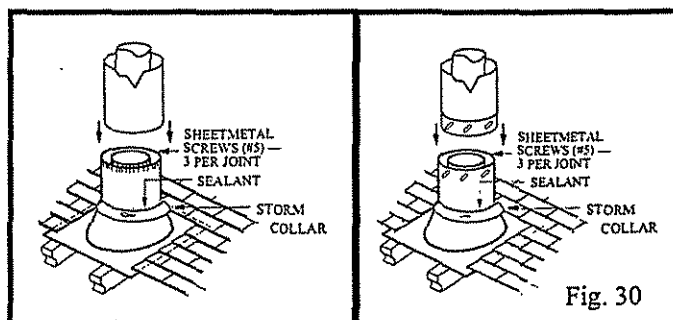
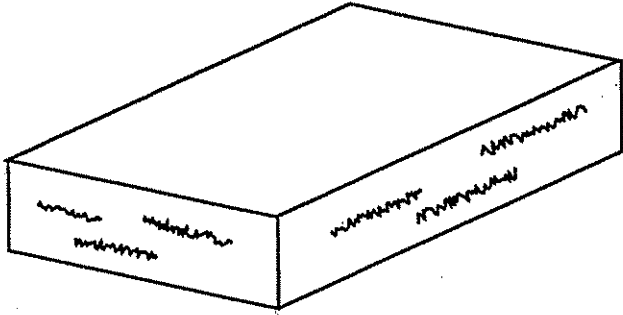

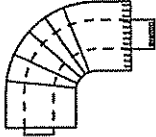
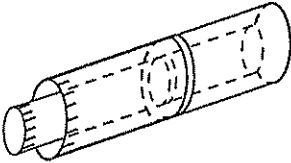
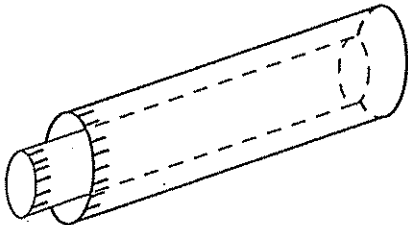
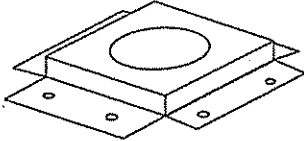
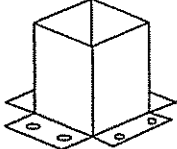
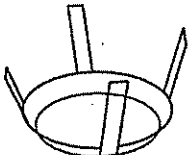
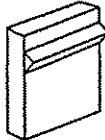
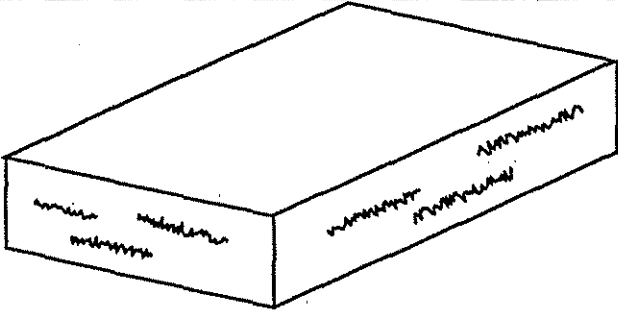

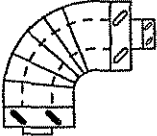
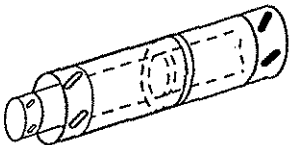
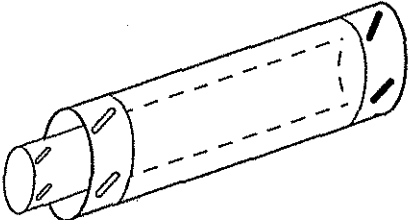
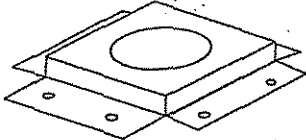
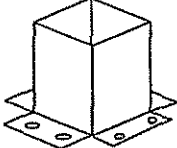
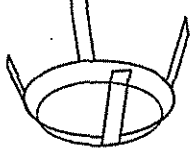
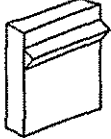


Fig. 30

# CRIMPED END VENTING COMPONENTS

	<p>Starter Kit -Model 7FSDVSK - Sidewall Venting</p> <p>Starter Kit - Model 7TDVSKV - Vertical Venting for 7DVSKV-A order 1/12 to 6/12 roof pitch for 7DVSKV-B order 7/12 to 12/12 roof pitch for 7DVSKV-F order flat roof</p> <p>Starter Kit - Model 7FSDVSKS -Snorkel Kit for Below Grade Installation</p>
	<p>45° elbow kit 7FSDVT45G for Vertical Installation Offsets</p>
	<p>90° transition elbow kit 7DVRT90 for Vertical Sidewall Applications or thru-the-roof.</p>
	<p>Telescopic vent sections</p> <ul style="list-style-type: none"> <li>7DVP610 - 6" to 10" adjustable length</li> <li>7DVP1018 - 10" to 18" adjustable length</li> <li>7DVP1834 - 18" to 34" adjustable length</li> <li>7DVP3466 - 34" to 66" adjustable length</li> </ul>
	<p>Pipe sections for vertical or horizontal venting</p> <ul style="list-style-type: none"> <li>Model 7DVP8" - 4 per box</li> <li>Model 7DVP12" - 4 per box</li> <li>Model 7FSDVP24G -</li> <li>Model 7DVP36"</li> <li>Model 7FSDVP48G</li> </ul>
	<p>Firestop Spacer Model 7DVFS</p>
	<p>Attic Insulation Shield Model 7DVAIS</p>
	<p>Vertical/Horizontal Combination Offset Support Model 7DVCS</p>
	<p>7DVSS Siding Shield (to protect siding)</p>

# TWIST LOCK VENTING COMPONENTS

	<p>Starter Kit -Model 7TFSDVSK - Sidewall Venting</p> <p>Starter Kit - Model 7TDVSKV - Vertical Venting for 7TDVSKV-A order 1/12 to 6/12 roof pitch for 7TDVSKV-B order 7/12 to 12/12 roof pitch for 7TDVSKV-F order flat roof</p> <p>Starter Kit - Model 7TFSDVSKS -Snorkel Kit for Below Grade Installation</p>
	<p>45° elbow kit 7TFSDV45 for Vertical Installation Offsets</p>
	<p>90° transition elbow kit 7TFSDV90 for Vertical Sidewall Applications or thru-the-roof.</p>
	<p>Telescopic vent sections 7TDVP1218 - 12" to 18" adjustable length 7TDVP3564 - 35" to 64" adjustable length</p>
	<p>Pipe sections for vertical or horizontal venting Model 7TDVP8" Model 7TDVP12" Model 7TFSDVP24" Model 7TDVP36" Model 7TFSDVP48"</p>
	<p>Firestop Spacer Model 7DVFS</p>
	<p>Attic Insulation Shield Model 7DVAIS</p>
	<p>Vertical/Horizontal Combination Offset Support Model 7DVCS</p>
	<p>7DVSS Siding Shield (to protect siding)</p>

# OPERATING INSTRUCTIONS

## GENERAL GLASS INFORMATION



*Only glass approved for use in The CFM Majestic Products Company products may be used for replacement.*

1. The use of substitute glass will void all product warranties.
2. Care must be taken to avoid breakage of the glass.



*Under no circumstances should this fireplace be operated without the front glass or with a broken glass. Replacement of the glass (with gasket) as supplied by the manufacturer should be done by a licensed qualified service person.*

## WINDOW FRAME REMOVAL

1. Shut off gas. (See Lighting Instructions)
2. Let the unit cool if it has been operating.
3. Open two side doors.
4. Open the clamps on two sides.
5. Pull the frame forward.
6. To reinstall window frame follow the above procedure in reverse.

Release clips  
(2 per side)

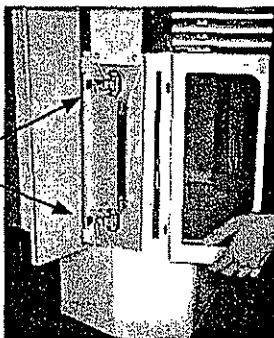


Fig. 31

## GLASS CLEANING

It will be necessary to clean the glass periodically. During start-up condensation, which is normal, forms on the inside of the glass and causes lint, dust and other airborne particles cling to the glass surface. Also initial paint curing may deposit a slight film on the glass. It is therefore recommended that the glass be cleaned two or three times with a non-ammonia household cleaner and warm water (we recommend gas fireplace glass cleaner). After that the glass should be cleaned two or three times during each heating season depending on the circumstances present.

*Clean glass after first two weeks of operation.*

## INSTALLATION OF LOGS & BURNER LAVA ROCK MATERIAL

Refer Figure 32.

1. Remove window frame. (See "Window Frame" section)
2. Remove logs from packaging.



*As with all plastic - these are not toys and should be kept away from children and infants.*

3. Place rear log (KR10) on rear bracket (ensure log is seated properly, leveled and centered to the unit), so it will not move from side to side and it is firmly positioned on the bracket.
4. Slip front ember log (KR7) down behind the front deflector.
5. Place front left log (KR8) on top of burner, left side.  
Use log's bottom holes to locate it into the left bracket log locator studs.
6. Place front right log (KR9) on top of burner, right side.  
Use log's bottom holes to locate it into the right bracket log locator studs.
7. Place burner lava rock on top of burner between the ember log and the two front logs.
8. Place top left log (KR11) onto locator notches. Ensure log is secure.
9. Place top right log (KR12) onto locator notches. Ensure log is secure.

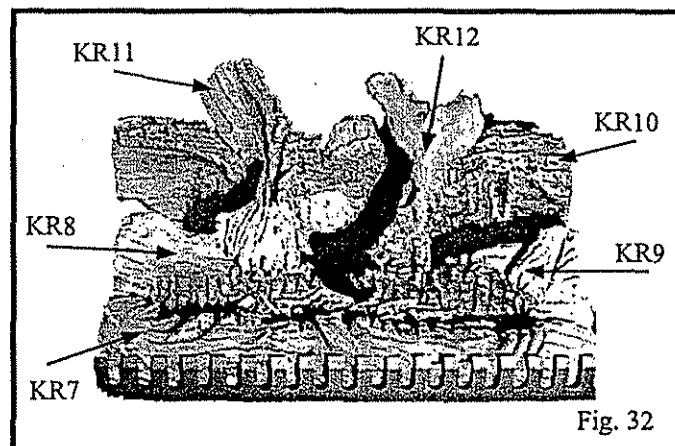


Fig. 32

## MAINTENANCE

1. It is important to keep the burner and the burner compartment clean. This must be done periodically, at least once per season. (See Cleaning Procedure).
2. Clean the brass trim using a soft clean cloth, slightly dampened with lemon oil and buff with a soft clean cloth. Do NOT use brass polish or household cleaners as these products will damage the brass trim. Lemon oil can be obtained at supermarkets or hardware stores.
3. The FK24 Fan requires periodic cleaning. Check the fan and the area around the fan assembly and wipe or vacuum at least once per month during the operating season.
4. Contact your local representative to arrange an annual service program.

## CLEANING PROCEDURE

1. Turn off pilot light at gas valve.
2. Remove front glass.
3. Remove logs.



**CAUTION: LOGS MAY BE HOT**

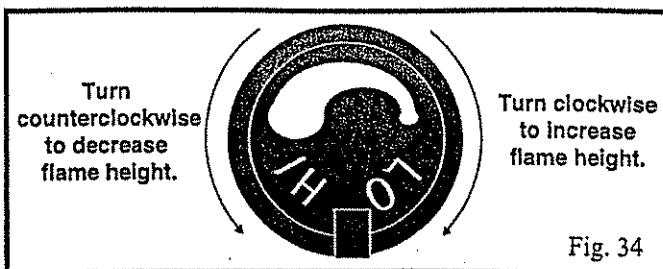
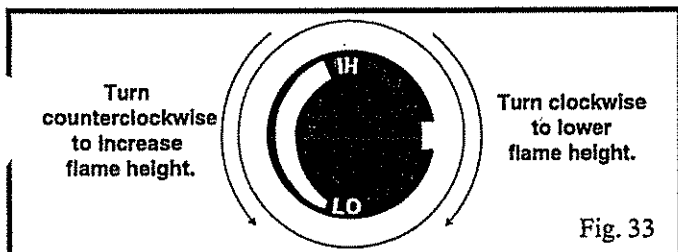
4. Vacuum burner compartment especially around orifice/primary air openings.  
Reinstall logs.
5. Check pilot and main burner operation.
7. Reinstall glass front.
8. Recheck pilot and main burner operation.
9. Check visually the flame pattern and compare with Fig. 36, 37, 38 & 39.

## FLAME & TEMPERATURE ADJUSTMENT RFN/RFP

All adjustments on units fitted with the Honeywell Radio Frequency control valve are performed with the remote transmitter. See instructions packaged with the transmitter, or the addendum pages in this manual for operating details.

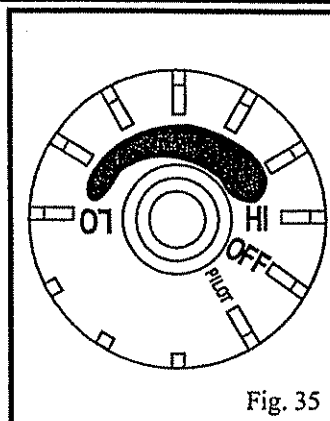
## FLAME ADJUSTMENT (RN/RP MODELS)

For units equipped with Hi/Lo valves, flame adjustment is accomplished by rotating the Hi/Lo adjustment knob located near the centre of the gas control. (Fig. 33 & 34)



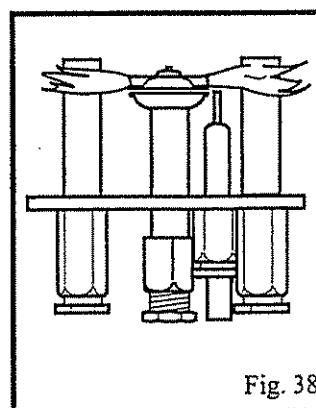
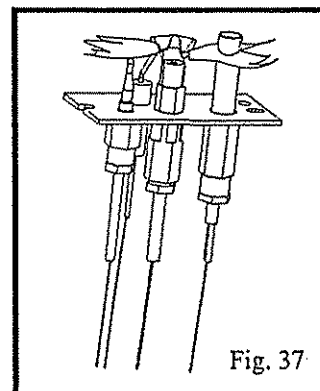
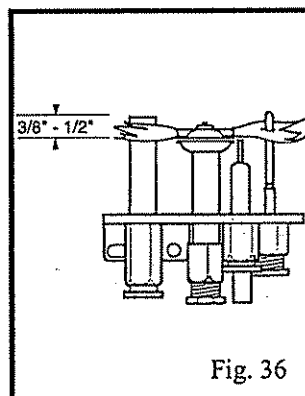
## TEMPERATURE ADJUSTMENT (TN/TP MODELS)

The Hi/Lo reference on the control knob (Fig. 35) is to indicate a higher or lower temperature setting. This setting controls the heat by reducing then shutting off the flame as the desired temperature is reached. Position the control knob where it effectively maintains a comfortable room temperature.



## FLAME CHARACTERISTICS

It is important to periodically perform a visual check of the pilot and the burner flames. Compare them to the pictorials illustrated below (Fig. 36, 37, 38 & 39). If any of the flames appear abnormal call a service person.



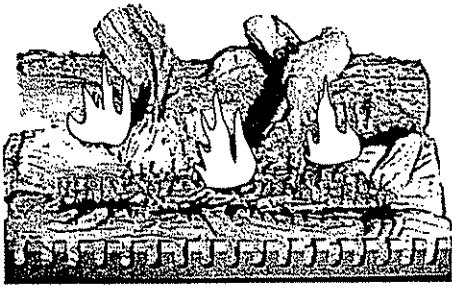


Fig. 39

## HEATER /FAN - FK24

**This fan assembly comes completely wired to eliminate the need for electricians. This electrical device must be electrically connected and grounded in accordance with local codes. In the absence of local codes, with the current CSA C22.1 CANADIAN ELECTRICAL CODE.**

**For U.S.A. installation: Follow local codes and the NATIONAL ELECTRICAL CODE ANSI/NFPA No. 70-1984.**



**Should this fan require servicing, the power supply must be disconnected. For rewiring of any replacement components see Fig. 40 & 41.**

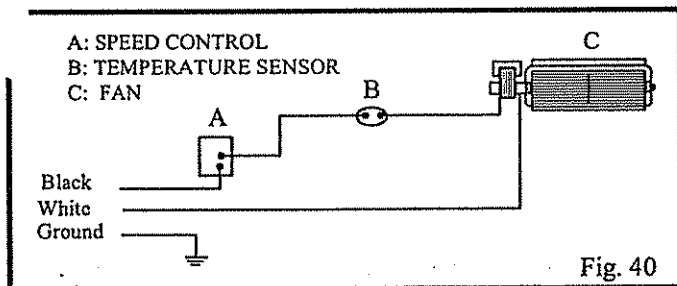


Fig. 40



**For units fitted with the Honeywell Radio Frequency controlled gas valve the speed control and temperature sensor are removed. Refer to the wiring diagram in Fig. 2 of the addendum pages for details.**

## OPTIONAL REMOTE CONTROL

These remote controls units are available as an option only on fireplaces fitted with *RN/RP* gas control valves.

- MRC1 ..... - On/Off Button Remote Control
- MRC2 ..... - Temperature Control Remote
- MRC3 ..... - Temperature Control w/digital display & 24 hour programmable clock
- IMT ..... - Wall Mounted Thermostat

## OPTIONAL BRASS TRIM KIT

A decorative brass window trim kit Model # *RFSDV34TKA* is available for the RFSDV34 Freestanding Fireplace.

The kit contains:

- 1 ..... Brass Window Trim
- 8 ..... Magnets
- 3 ..... Brass Trim Rings (for the vent pipe joints)

## INSTALLATION PROCEDURE

1. Unpack the kit and confirm all parts are present.
2. Remove all the protective plastic wrap from the brass components.
3. Attach the magnets to the trim as shown in Fig. 40.
4. Position trim against the fireplace window frame. The trim will be held in place by the magnets.
5. Fit the brass rings in place around any visible vent joints.



**It is very important to remove all the protective wrap from the brass components before fitting them to the fireplace or venting.**

## BRASS CLEANING

Clean the brass trim with a soft clean cloth, slightly dampened with lemon oil and buff with a soft dry cloth.

**DO NOT** use brass polish or household cleaners as these products will damage the trim.

Lemon oil can be obtained at supermarkets or hardware stores.

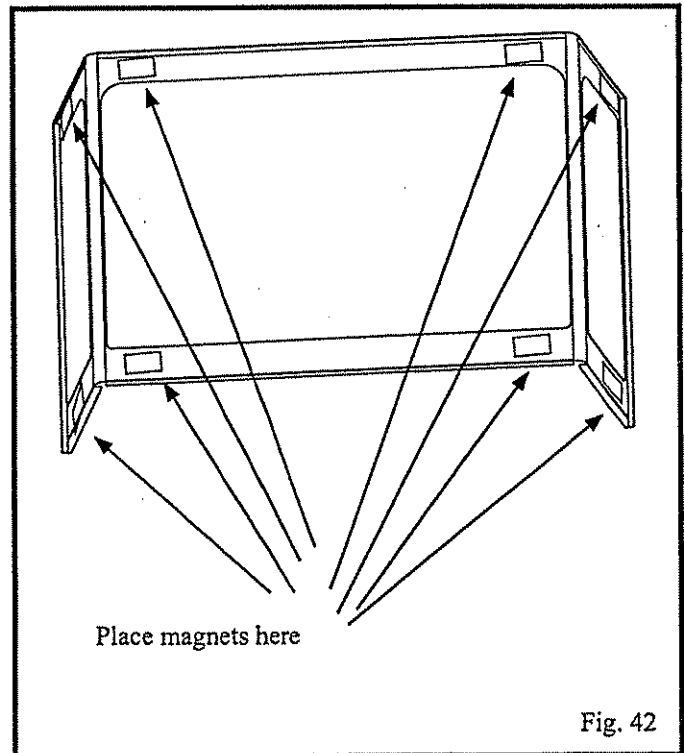


Fig. 42

# LIGHTING AND OPERATING INSTRUCTIONS

## 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 fireplace has a pilot which must be lit manually. When lighting the pilot follow these instructions exactly.
- B. BEFORE LIGHTING smell all around the fireplace area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

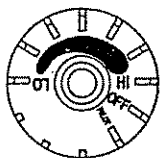
### WHAT TO DO IF YOU SMELL GAS

- Do not try to light any fireplace.
- Do not touch any electric switch
- Do not use any phone in your building
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the Fire Department.

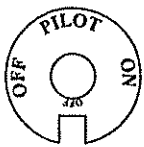
- C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, do not try to repair it, call a qualified service technician. Applying force or any attempted repair may result in a fire or explosion.
- D. Do not use this fireplace if any part has been under water. Immediately call a qualified service technician to inspect the fireplace and to replace any part of the control system and any gas control which has been under water.

## LIGHTING INSTRUCTIONS

1. STOP! Read the safety information above on this page.
2. Turn off all electrical power to the fireplace.
3. For MN/MP/TN/TP appliances ONLY, go on to Step 4. For RN/RP appliances turn the On/Off switch to off position or set thermostat to lowest level.
4. Open control access panel.
5. Push in gas control knob slightly and turn clockwise to "OFF". Do not force.



EURO SIT



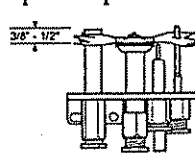
SIT NOVA



HONEYWELL

6. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow "B" in the safety information above on this page. If you don't smell gas, go to the next step.
7. Remove glass door before lighting pilot. (See Glass Frame Removal in manual).
8. Visibly locate pilot by the main burner.
9. Turn knob on gas control counter clockwise to "PILOT".

10. Push the control knob all the way in and hold. Immediately light the pilot by repeatedly depressing the piezo spark ignitor until a flame appears. Continue to hold the control knob in for about one (1) minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 5 through 8.



- If knob does not pop up when released, stop and immediately call your service technician or gas supplier.
  - If after several tries, the pilot will not stay lit, turn the gas control knob to "OFF" and call your service technician or gas supplier.
11. Replace glass door.
  12. Turn gas control knob to "On" position.
  13. For RN/RP appliances turn the On/Off switch to "On" position or set thermostat to desired setting.
  14. Turn on all electrical power to the fireplace.

## TO TURN OFF GAS TO FIREPLACE

1. Turn the On/Off switch to Off position or set the thermostat to lowest setting.
2. Turn off all electric power to the fireplace if service is to be performed.
3. Open control access panel.
4. Push in gas control knob slightly and turn clockwise to "OFF". Do not force.
5. Close control access panel.

# TROUBLE SHOOTING THE GAS CONTROL SYSTEM

## SIT 630 GAS VALVE

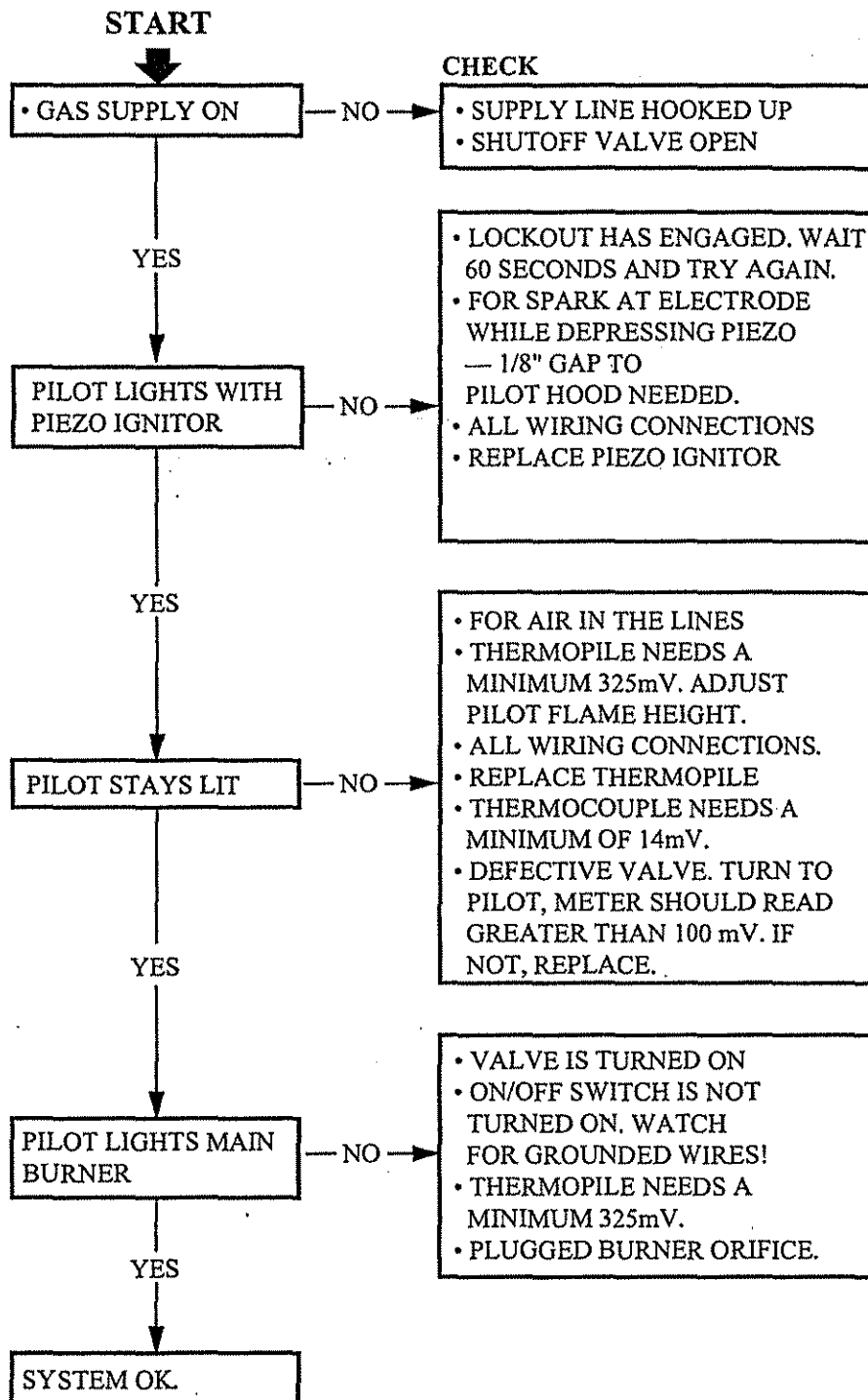
**Note:** Before trouble shooting the gas control system, be sure external gas shut off is in the "On" position.

**WARNING:** BEFORE DOING ANY GAS CONTROL SERVICE WORK, REMOVE GLASS FRONT.

SYMPTOM	POSSIBLE CAUSES	CORRECTIVE ACTION
1. Spark ignitor will not light	A. Defective or misaligned electrode at pilot.	Using a match, light pilot. If pilot lights, turn off pilot and push the red button again. If pilot will not light - check gap at electrode and pilot-should be 1/8" to have a strong spark.
	B. Defective ignitor (Push Button)	Push Piezo Ignitor Button. Check for spark at electrode and pilot. If no spark to pilot, and electrode wire is properly connected, replace ignitor.
2. Pilot will not stay lit after carefully following lighting instructions.	A. Defective pilot generator thermocouple.	Check pilot flame. Must impinge on thermocouple. Clean and or adjust pilot for maximum flame impingement on thermocouple.
	B. Defective automatic valve operator.	Turn valve knob to "Pilot". Maintain flow to pilot; millivolt meter should read greater than 10 mV. If the reading is okay and the pilot does not stay on, replace the gas valve. Note: An interrupter block (not supplied) must be used to conduct this test.
3. Pilot burning, no gas to burner, Valve knob "ON".	A. Sensing bulb not in proper location.	Make sure sensing bulb is located in bracket on the lower right hand side of fireplace.
	B. Temperature sensing bulb damaged or tubing to bulb kinked	Carefully examine sensing bulb and capillary tube for damage. If tubing is kinked, replace gas valve.
4. Frequent pilot outage problem.	A. Pilot flame may be too low or blowing (high) causing the pilot safety to drop out.	Clean and/or adjust pilot flame for maximum flame impingement on thermocouple.
	B. Possible blockage of the vent terminal.	Check the vent terminal for blockage (recycling flue gases).

# TROUBLE SHOOTING THE GAS CONTROL SYSTEM

## HONEYWELL MILLIVOLT VALVE



# TROUBLE SHOOTING THE GAS CONTROL SYSTEM

## SIT NOVA 820 MILLIVOLT VALVE

Note: Before trouble shooting the gas control system, be sure external gas shut off is in the "On" position.

WARNING: BEFORE DOING ANY GAS CONTROL SERVICE WORK, REMOVE GLASS FRONT.

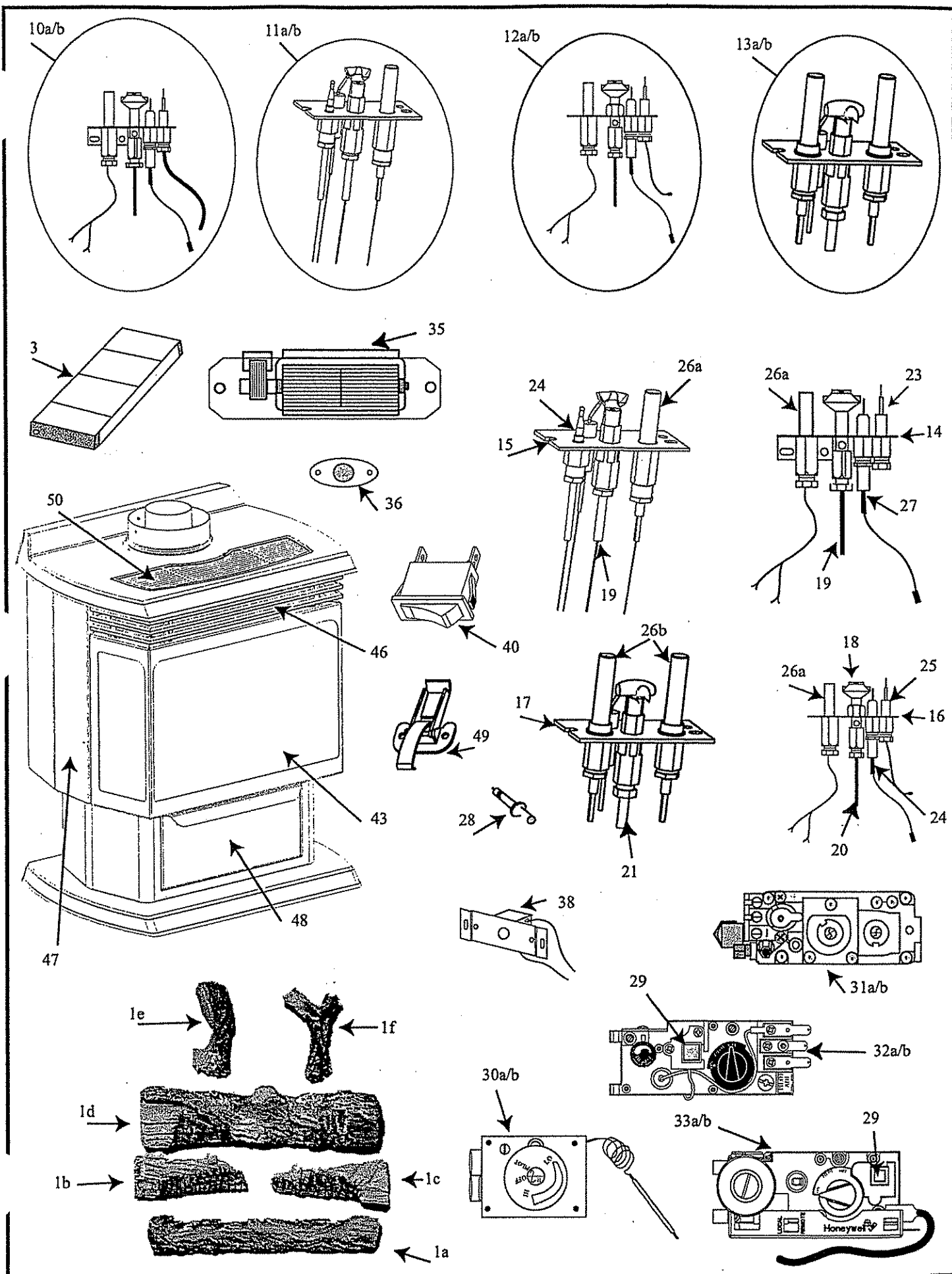
SYMPTOM	POSSIBLE CAUSES	CORRECTIVE ACTION
1. Spark ignitor will not light	A. Defective or misaligned electrode at pilot.	Using a match, light pilot. If pilot lights, turn off pilot and push the red button again. If pilot will not light - check gap at electrode and pilot-should be 1/8" to have a strong spark.
	B. Defective ignitor (Push Button)	Push Piezo Ignitor Button. Check for spark at electrode and pilot. If no spark to pilot, and electrode wire is properly connected, replace ignitor.
2. Pilot will not stay lit after carefully following lighting instructions.	A. Defective pilot generator (thermocouple), remote wall switch.	1. Check pilot flame. Must impinge on thermocouple/thermopile. Note: this pilot burner assembly utilizes both a thermocouple and a thermopile. The thermocouple operates the main valve operation (On and Off). Clean and or adjust pilot for maximum flame impingement on thermopile and thermocouple.
	B. Defective automatic valve	Turn valve knob to "Pilot". Maintain flow to pilot; millivolt meter should read greater than 10 mV. If the reading is okay and the pilot does not stay on, replace the gas valve. Note: An interrupter block (not supplied) must be used to conduct this test.
Pilot burning, no gas to	A. Wall switch or wires defective	Check wall switch and wires for proper connections. Jumper wire across terminals at wall switch, if burner Wall comes on, replace defective wall switch. If okay, jumper wires across wall switch wires at valve, if burner comes on, wires are faulty or connections are bad.
	B. Thermopile may not be generating sufficient millivoltage.	1. Be sure wire connections from thermopile at gas valve terminals are tight and thermopile is fully inserted into pilot bracket. 2. One of the wall switch wires may be grounded. Remove wall switch wires from valve terminals if pilot now stays lit, trace wall switch wiring for ground. May be grounded to fireplace or gas supply. 3. Check thermopile with millivolt meter. Take reading at thermopile terminals of gas valve. Should read 250-300 millivolts (minimum 150) while holding valve knob depressed in pilot position and wall switch "Off". Replace faulty thermopile if reading is below specified minimum
	C. Plugged burner orifice.	Check burner orifices for debris and remove.
	D. Defective automatic valve operator.	Turn valve knob to "On", place wall switch to "On" millivolt meter should read greater than 100 mV. If the reading is okay and the burner does not come on, replace the gas valve.
4. Frequent pilot outage problem.	A. Pilot flame may be too low or blowing (high) causing the pilot safety to drop out.	Clean and/or adjust pilot flame for maximum flame impingement on thermopile and thermocouple.
	B. Possible blockage of the vent terminal.	Check the vent terminal for blockage (recycling the flue gases)

# REPLACEMENT PARTS LIST

Code #	Part Description	Order Part Number
1	Log Set Complete	10001763
1a	Log ember bed	KR7
1b	Log - Front left	KR8
1c	Log - Front right	KR9
1d	Log - Rear	KR10
1e	Log - Top left	KR11
1f	Log - top right	KR12
2*	Lava Rock	57897
3	Burner Housing Assembly (with tiles)	10001272
4*	Ceramic Tile (singular)	57803
5a*	Orifice, Main Burner - Nat.	Refer to the rating plate
5b*	Orifice, Main Burner - Prop.	Refer to the rating plate
6a*	Orifice, SIT Pilot - Nat.	54273
6b*	Orifice, SIT Pilot - Prop.	54272
7a*	Orifice, PSE Pilot - Nat.	10001822
7b*	Orifice, PSE Pilot - Prop.	10001823
8a*	Orifice, Top Convertible Pilot - Nat.	10002268
8b*	Orifice, Top Convertible Pilot - Prop.	10002269
9a*	Orifice, Radio Frequency Pilot - Nat.	20000908
9b*	Orifice, Radio Frequency Pilot - Prop.	20000907
10a	Pilot Assembly, SIT - Nat.	10000672
10b	Pilot Assembly, SIT - Prop.	10000673
11a	Pilot Assembly, PSE - Nat.	10001739
11b	Pilot Assembly, PSE - Prop.	10001740
12a	Pilot Assembly, Top Convertible - Nat.	10002264
12b	Pilot Assembly, Top Convertible - Prop.	10002265
13a	Pilot Assembly, Radio Frequency - Nat.	20002266
13b	Pilot Assembly, Radio Frequency - Prop.	20002268
14	Pilot, SIT	10001295
15	Pilot with Electrode & Cable, PSE	10001824
16	Pilot, Top Convertible	10002266
17	Pilot with Electrode & Cable, Radio Frequency	10002501
18	Pilot Hood, Top Convertible - 3 way	10002385
19	Pilot tube with fittings	53211
20	Pilot tube with fittings, Top Convertible	10001296
21	Pilot tube with fittings, Radio Frequency	10001296
22*	Manifold tube with fittings	57318
23	Thermocouple, SIT	54912
24	Thermocouple, PSE	10001828
25	Thermocouple, Top Convertible	53373
26a	Thermopile	51827
26b	Thermopile, Radio Frequency	20002400
27	Electrode with cable, SIT Pilot	10001297
28	Igniter (Piezo), SIT & Eurosit valves	52464
29	Igniter (Piezo), Honeywell valve	20000062
30a	Valve, Eurosit 630 - Nat.	53448
30b	Valve, Eurosit 630 - Prop.	53446
31a	Valve, SIT 820 - Nat.	52677
31b	Valve, SIT 820 - Prop.	52678
32a	Valve, Honeywell - Nat.	10000235
32b	Valve, Honeywell - Prop.	10000242
33a	Valve, Honeywell Radio Frequency - Nat.	20002045
33b	Valve, Honeywell Radio Frequency - Prop.	20002046

34*	Radio Frquency Transmitter (Remote control)	20002047
35	Fan assembly with bracket	54103
36	Temperature sensor (fan)	51704
37a*	Electric Cord (6 ft.)	51865
37b*	Electric Cord Set, Radio Frequency Valve	20002541
38	Fan Speed Control	51738
39*	Fan Speed Control Knob	51882
40	Remote ON / OFF Switch	53606
41*	Wiring Harness - Remote Switch	57265
42*	Remote ON /OFF Switch Kit (includes bracket)	53859
43	Window Frame Assembly (complete with glass)	10001917
44*	Window Glass Replacement Kit	10001916
45*	Window Glass Gasket Kit	10001983
46	Front Louvre Assembly	10001370
47	Cabinet Side Door	10001792
48	Control Door Assembly	10001790
49	Clamp , window frame assembly	10000949
50	Top Grill Panel	10001791
51*	Top Grill Inner Mesh	10001749

*Note: Items marked '\*' are not shown in the following parts pictorial.*



# FOR USE IN MOBILE HOMES - MODEL RFSDV34RMH

This appliance may be installed as an OEM installation in a manufactured (mobile) home and must be installed in accordance with the manufacturer's instructions and the manufactured home construction and safety standard, Title 24 CFR, Part 3280 or Standard for Installation in Mobile Homes, CAN/CSA Z240 MH.

This appliance is only for use with the type(s) of gas indicated on the rating plate. A conversion kit is supplied with the appliance.

This gas fireplace should be installed by a qualified installer in accordance with local building codes and with current CAN/CGA-B149 (.1 or .2) Installation codes for Gas Burning Fireplaces and Equipment and CAN/CSA Z 240 .4 Canada.

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

The 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, or the Canadian Electrical Code, CSA C22.1.

## SAFE INSTALLATION AND OPERATION

### PLEASE NOTE THE FOLLOWING:

1. This fireplace gives off high temperatures and should be located out of high traffic areas and away from furniture and draperies.
  2. Children and adults should be alerted to the hazards of the high surface temperatures of this fireplace and should stay away to avoid burns or ignition of clothing.
  3. Children should be carefully supervised when they are in the same room as your fireplace.
  4. Under no circumstances should this fireplace be modified. Parts removed for servicing should be replaced prior to operating this fireplace again.
  5. Installation and any repairs to this fireplace should be carried out by a qualified service person. A professional service person should be contacted to inspect this fireplace annually. Make it a practice to have all of your gas fireplaces checked annually. More frequent cleaning may be required due to excess lint and dust from carpeting, bedding material, etc.
  6. Control compartments, burners and air passages in this fireplace should be kept clean and free of dust and lint. Make sure that the gas valve and pilot light are turned off before you attempt to clean this fireplace.
- The venting system (chimney) of this fireplace should be checked at least once a year and if needed your venting system should be cleaned.

8. Keep the area around your fireplace clear of combustible materials, gasoline and other flammable vapour and liquids. This fireplace should not be used as a drying rack for clothing, nor should Christmas stockings or decorations be hung on or around the fireplace.
9. Under no circumstances should any solid fuels (wood, coal, paper or cardboard etc.) be used in this fireplace.
10. The flow of combustion and ventilation air must not be obstructed in any way.
11. When the fireplace is installed directly on carpeting, vinyl tile or any combustible material other than wood, the fireplace must be installed on a metal or wood panel extending the full width and depth of the fireplace.
12. This fireplace requires adequate ventilation and combustion air to operate properly.

**NOTE:** *The Majestic RFSDV34RMH must be firmly attached to the building.*

## CONVERSION INSTRUCTIONS

1. Disconnect power to the unit and shut off the gas supply.
2. Remove the glass (see "Glass Removal" section).
3. Carefully remove the logs
4. Remove the pilot assembly from bracket.
5. Remove the screws which are holding the burner housing in place.
6. Remove the burner housing.
7. Remove the main and front orifice and replace with the orifice supplied in the conversion kit. Use the small orifice size for the front burner and the bigger orifice size for the main burner.
8. Remove the compression fitting which holds the aluminium tubing in the pilot assembly. This will reveal the pilot orifice which must be replaced with the one provided in the conversion kit.
9. Units with SIT valve (See pictures in the installation instructions supplied with the kit):
  - a) Using a Torx T20 or slotted screwdriver, remove and save the three pressure regulator mounting screws (A), pressure regulator tower (B) and diaphragm (C).

- b) Ensure the rubber gasket (D) is properly positioned and install the new Hi/Lo pressure regulator to the valve using the new screws (E) supplied with the kit. Tighten screws securely. (Reference torque - 25 in.Lb).
- c) Install the enclosed identification label (F) to the valve body where it can be easily seen.

Units with Honeywell valve:

The Honeywell valve fitted to this unit is preset for LP gas. It is convertible to natural gas by the installation of a colour coded "conversion screw". To insert the conversion screw refer to the instructions and diagrams in the Honeywell Installation Instructions supplied in the conversion kit packaged with the RFSDV34RMH unit.

- 10. Reassemble the fireplace in the reverse order, except for the front glass. Leave this off until the unit has been checked for leaks and the gas supply line has been bled.
- 11. After bleeding the gas line and checking for leaks with a soap solution, replace the front glass. Fire up the unit, check for flame impingement on the logs, adjusting them if necessary. Check the manifold and supply pressures.

Refer to the Troubleshooting and Parts List earlier in this manual if further assistance is required.

