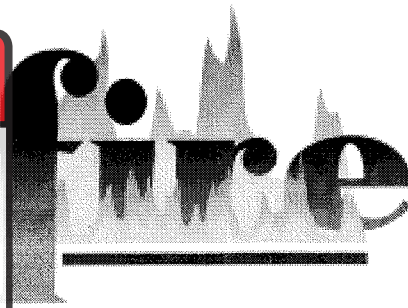


## DISCONTINUED ITEM

THIS ITEM HAS BEEN DISCONTINUED AND IS  
NO LONGER IN PRODUCTION.  
PLEASE CONTACT YOUR LOCAL MONTIGO DEALER  
REGARDING MAINTENANCE AND SPARE PARTS AVAILABILITY.



# INSTALLING AND OPERATING YOUR GAS-BURNING FIREPLACE

Please leave this manual with the owner  
**CHECK LOCAL CODES PRIOR TO INSTALLATION**

### FOR YOUR SAFETY

#### 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.

### FOR YOUR SAFETY:

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

### WARNING:

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

**READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING**



**MODEL  
WHS**



**Canadian Heating Products Inc.**

Surrey, BC V3W 2V6

**Montigo Del Ray Corp.**

Ferndale, WA 98248



## INTRODUCTION

The **WildFire WHS** is rated at 28,000 BTUH for natural gas & 26,000 BTUH for propane gas.

The WildFire warranty will be voided by, and **WildFire** disclaims any responsibility for, the following actions:

- Modification of the fireplace and/or components including B-vent assembly or glass front panel.
- Use of any component part not manufactured or approved by WildFire in combination with a WildFire fireplace system.
- Installation other than as instructed in this manual.

Consult your local Gas Inspection Branch about the particular requirements concerning installation of factory-built gas fireplaces. **All work should be done by a qualified contractor, and installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1-1988 or CAN/CGA - B149.1 & .2 Gas Installation Code.**

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

## CAUTIONS

- \* Due to its high operating temperatures, the appliance should be located out of traffic & away from furniture and draperies.
- \* Children and adults should be alerted to the hazards of the high surface temperature, which could cause burns or clothing ignition.
- \* Young children should be carefully supervised when they are in the same room as the appliance.
- \* Clothing or other flammable materials should not be placed on or near the appliance.

## INSTALLING GAS LINE

- Thoroughly clean the masonry or solid fuel fireplace and chimney that has been chosen for the WildFire Fireplace Insert.
- The appliance is supplied with a gas connection on the left hand side of the insert (See figure 1.). A 1/2" gas supply pipe must be brought near this connection before installing the WildFire insert.

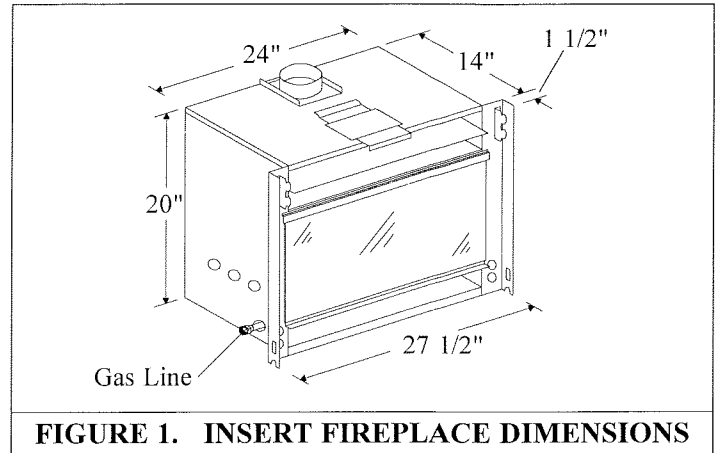
The gas line must be installed before finishing the **WildFire WHS** fireplace. For **NATURAL GAS** the fireplace requires a minimum inlet pressure of 5.5" W.C. and a manifold pressure of 3.5" W.C. The gas control valve (which is mounted behind the removable brass grilles at the bottom of the unit), is connected to the gas line through the access opening which is provided on the left side. Provide a 1/8" N.P.T. plugged tapping, accessible for test gauge connection immediately up stream of the gas supply connection to the fireplace. The maximum inlet gas supply pressure is 1/2 psig (3.5 kPa).

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

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

## INSERT FIREPLACE DIMENSIONS

Ensure that the insert will fit into the masonry or solid fuel fireplace you have chosen to use.



**FIGURE 1. INSERT FIREPLACE DIMENSIONS**

## INSTALLING INSERT FIREPLACE

The WildFire WHS must be installed in a masonry or solid fuel fireplace with a hearth extending 16" from the fireplace facing. Not to be installed in air tight units.

**Min. clearance to combustable construction from the face plate are:**

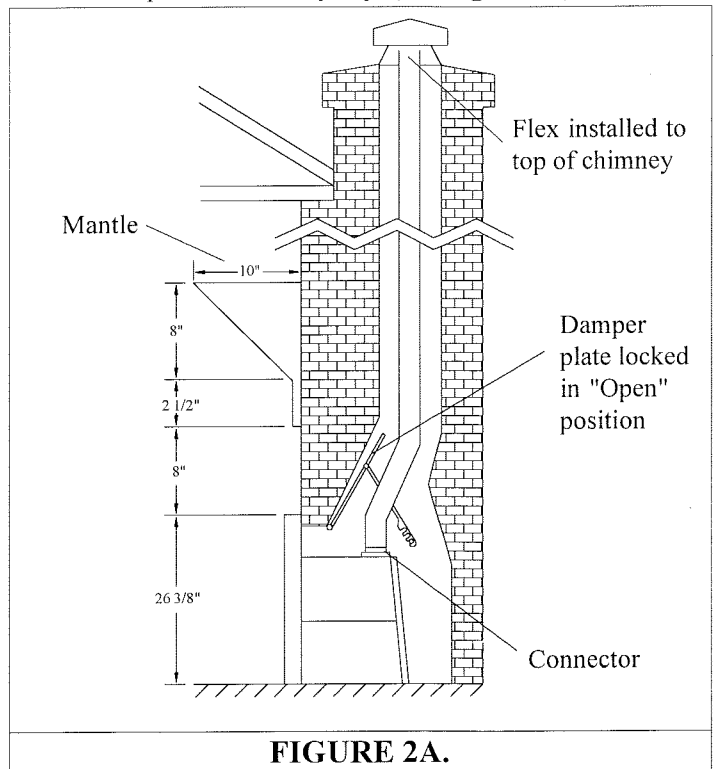
**Side Facing: 1", Perpendicular Wall: 3"**  
**Top Facing: 8", Mantle (10" wide): 18 1/2"\*\*\***  
**Floor: Non-Combustible (\*\* See Figure 2A)**

Before installing vent system ensure that the damper plate is locked into the open position and secure to prevent damper plate from crushing liner.

This appliance is designed to attach to a 4" diameter type B-Vent or double wall aluminum flex liner.

### GAS LINER INSTALLATIONS:

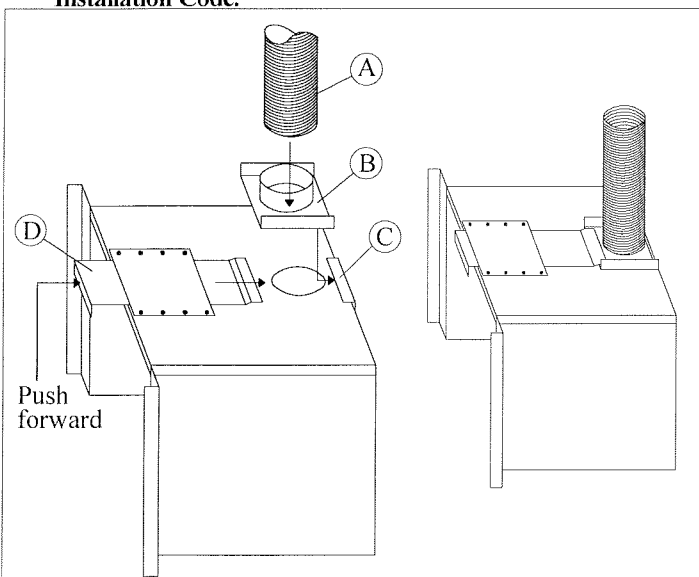
- Install flex liner into masonry chimney all the way to the top of the chimney cap. (See Figure 2A).



**FIGURE 2A.**

## GAS LINER INSTALLATION CONT.....

- Attach flex liner(A) to the vent connector(B) (supplied with fireplace), slide flex over connector and attach with two sheet metal screws. **See figure 2.**
- Slide fireplace all the way to the right of the masonry or solid fuel fireplace opening, reach inside masonry firebox and insert flex & connector(B) into slot(C) at back of the fireplace and finally push connector slide(D) forward as far as it will go to secure into position. **(See figure 2).**
- Slide fireplace insert to the center of the masonry or solid fuel fireplace and connect gas line. (See Installing Gas Line).
- To install Face Plate and Decorative Trims see Installing Face Plate & Trims in this instruction guide.
- **All installations must conform with local codes or in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1-1988 or CAN/CGA - B149.1 or .2 Gas Installation Code.**



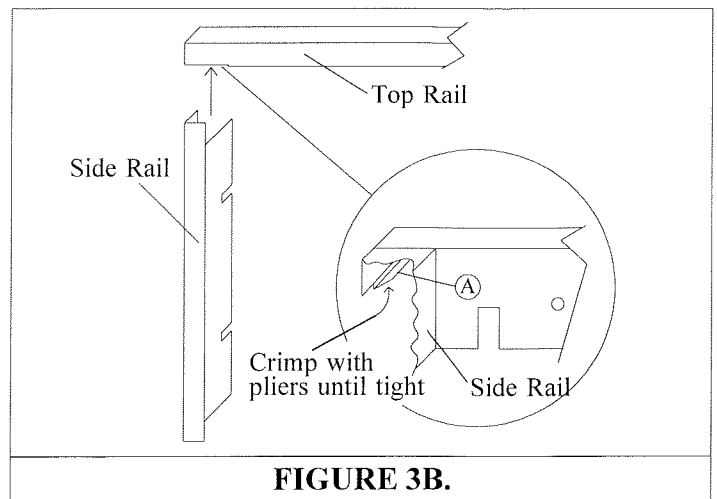
**FIGURE 2.**

## INSTALLING FACE PLATE

- Slide face plate down from the top of the fireplace. Ensure that the face plate(A) is inside of fireplace side rail(B). **(See figure 3A).**
- Attach the face plate by installing two screws into top pilot holes **as shown in figure 3A.**
- **Do not install screws at bottom of face plate until face plate trim is installed.**

## ASSEMBLING FACE PLATE TRIM

To assemble brass surround simply slide top end of side rail into slot in top rail and crimp point A over until tight to side rail as shown in **(figure 3B)**. This will hold side rails and top rail in place while preparing to install into unit. **NOTE:** When crimping point A over with pliers, cover brass with a soft cloth to ensure brass does not become scratched.

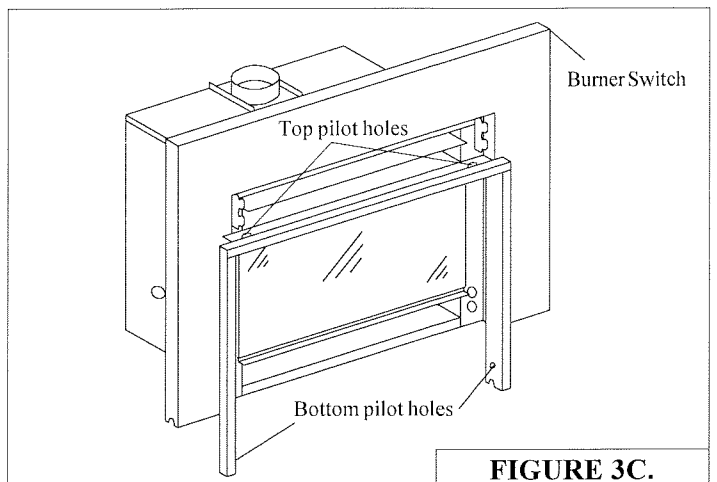


**FIGURE 3B.**

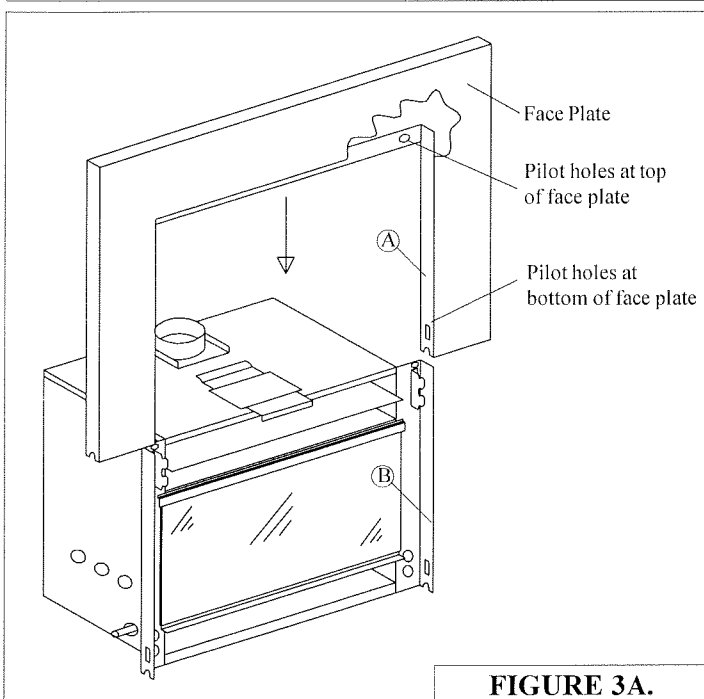
## INSTALLING FACE PLATE TRIM:

- Slide Face Plate Trim onto the fireplace ensuring that the pilot holes in the bottom of the side rail line up with the pilot holes in the bottom of the Face Plate. **(see figure 3C).**
- Install two screws into top pilot holes and two screws into bottom pilot holes. **(see figure 3C).**

To remove face plate or face plate trims simply reverse above procedures.



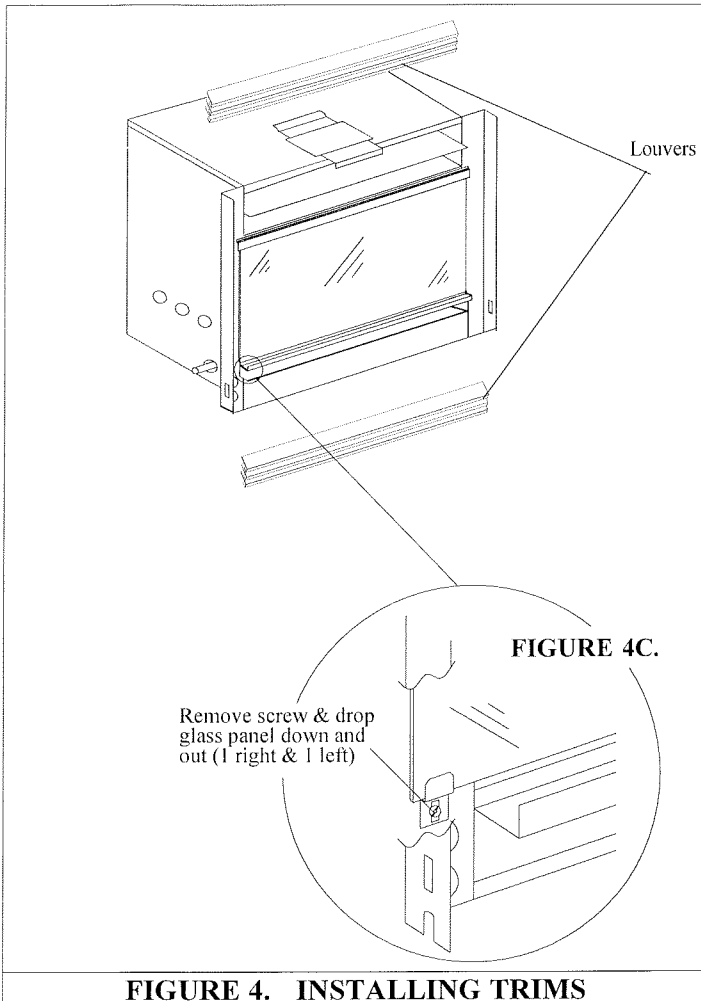
**FIGURE 3C.**



**FIGURE 3A.**

## INSTALLING DECORATIVE TRIMS

**IMPORTANT:** Before lighting the fireplace ensure that **ALL** plastic coating is removed from **ALL** Decorative finishes.



**FIGURE 4. INSTALLING TRIMS**

## GLASS PANEL REMOVAL

**IMPORTANT:** Glass panel must be in place at all times when fireplace is in operation.

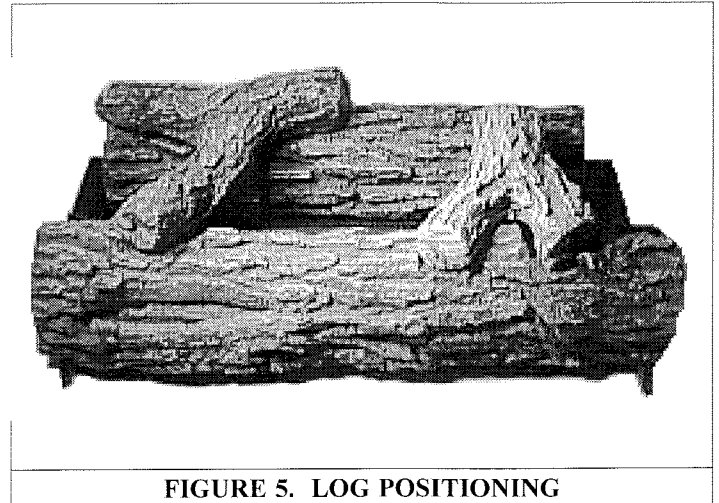
- Remove bottom trims and undo the two two robertson/flat head screws that hold the glass panel in place. See Figure 4C
- Drop glass panel downward and outward.
- To replace the glass panel reverse steps above.
- **CAUTION:** Do not remove glass panel when hot. Handle door carefully at all times. Clean panel with non-abrasive household cleaners.

## INSTALLING LOGS

**IMPORTANT:** This fireplace is not intended to be used with any solid fuels.

WildFire WHS Fireplaces are supplied with four very attractive fibre oak logs. The two bottom logs and fibre pan base are factory mounted and secured into position. The two top "Y" logs are also factory mounted but may shift during shipping. Place the two "Y" logs as shown in figure 5 below.

**WARNING:** Failure to install logs as per instructions will result in excessive sooting.

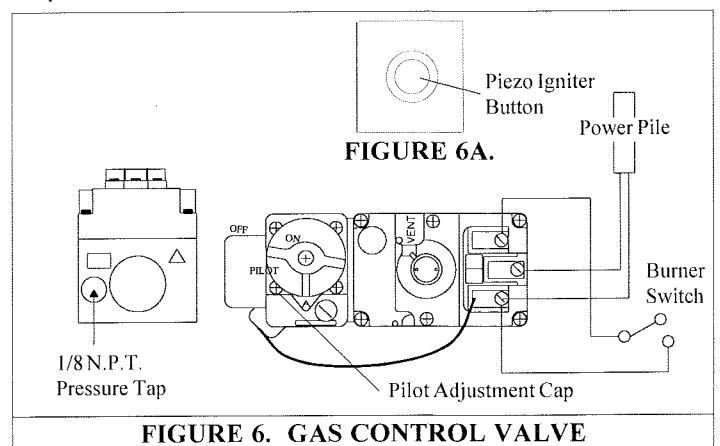


**FIGURE 5. LOG POSITIONING**

## LIGHTING PILOT AND MAIN BURNER

The gas control valve is located behind the brass trim in the centre of the fireplace (see Figure 6below). Before lighting the pilot, make sure that the gas line is connected and the gas shut-off valve is turned to the ON position.

- a) Partially depress and turn dial on gas control valve to "OFF" position and wait 5 minutes.
- b) Turn dial to pilot position, depress dial and light pilot using red piezo igniter button (see figure 6A), hold dial for 1 minute, then release. If pilot does not remain ignited, repeat, allowing a longer time to elapse before releasing dial.
- c) To light the main burner, turn dial to "ON", then turn on black switch (see figure 6A) located beside red piezo igniter button.
- d) Turn off flame with black switch. For complete shut down, slightly depress gas control valve dial and turn to "OFF" position.



**FIGURE 6. GAS CONTROL VALVE**

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**

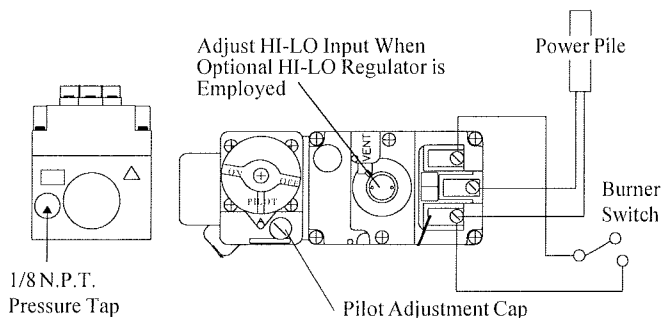
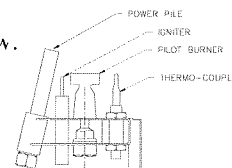
- A. This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
  - WHAT TO DO IF YOU SMELL GAS
    - Do not try to light the appliance.
    - Do not touch any electrical switch: do not use any phone in your building.
    - Immediately call your gas supplier from a neighbour's phone. Follow the gas suppliers instructions.
- C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempt to 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.
- If you cannot reach your gas supplier, call the Fire Department.

LIGHTING

INSTRUCTIONS

1. **STOP!** Read the safety information above on this label.
2. Open glass doors on one side and remove logs as necessary to reveal pilot.
3. Remove lower brass trims.
4. Push in gas control knob and turn clockwise to "OFF."

6. Find pilot burner and follow steps below.



7. Turn knob on gas control counterclockwise to "PILOT."
8. Push in control knob all the way and hold in. Immediately light the pilot using the Piezo igniter (red Button). Continue to hold the control knob in for about (1) minute after the pilot is lit. Release the knob and it will pop back up. Pilot should remain lit. If it goes out repeat steps 4 through 8.

- If knob does not pop up when released. Stop and immediately call your service technician or gas supplier.
- If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.

- NOTE: Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.
5. Wait (5) minutes to clear out any gas. If you then smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.

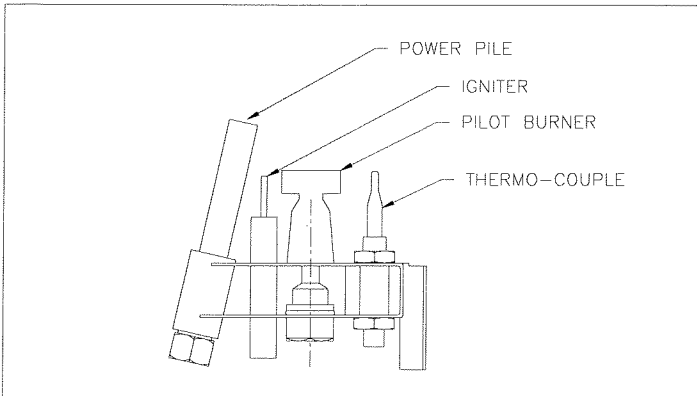
9. Turn gas control knob counterclockwise to "ON."
10. Replace lower brass trim.
11. Turn on remote switch to ignite fire.

TO TURN OFF GAS TO APPLIANCE

1. Turn off remote switch.
2. Remove lower brass trim.
3. Push in gas control knob slightly and turn clockwise to "Off". Do not force.
4. Replace brass trim.

## PILOT BURNER ADJUSTMENT

1. Remove Pilot Adjustment Cap. (see figure 6)
2. Adjust pilot key to provide properly sized flame. See **Figure 7 for properly sized flame.**
3. Replace pilot adjustment cap.
4. Leak test with a soap solution after installing or servicing with main burner on. Coat pipe and tubing joints, gasket etc. with soap solution. Bubbles indicate leaks. Tighten any areas where the bubbles appear until the bubbling stops completely.



**FIGURE 7. PILOT BURNER ADJUSTMENT**

## MAINTENANCE

Have the fireplace installation inspected yearly, including a visual check of the vent system, the burner and the pilot flame. For your convenience a 1/8" pressure tap is supplied on the gas valve for a test gauge connection. See **Figure 7**. This appliance requires a minimum gas supply pressure of 5.5" W.C. for natural gas and 11" WC for propane. Always keep the fireplace area clear and free of combustible materials, as well as gasoline and other flammable vapours and liquids.

## CLEANING

When fireplace is first activated some smoking and visible film on the glass may occur, this is a normal condition of heat burning off protective coatings on new metal.

- Products of combustion do deposit a visible film on the glass which must be cleaned periodically. Film can easily be removed by removing glass panel, handling carefully, and cleaning with normal household products.
- Use a vacuum cleaner or whisk broom to keep the control compartment, burner, and firebox free from dust and lint.
- Logs may be cleaned periodically with soap and water to remove soot.

## CAUTIONS

- \* Fireplace gas control must be in the "OFF" position and pilot and main burners extinguished when cleaning appliance with a vacuum.
- \* Glass Panel and logs can get very hot, handle only when logs are cool.

## TROUBLESHOOTING

The following is a troubleshooting chart of possible problems:

PROBLEM	CORRECTIVE ACTION
Noisy Pilot Flame	1. Remove pilot adjuster cap, located next to gas shut off valve. Flame is decreased by turning adjustment screw clock wise.
Pilot won't ignite	<ol style="list-style-type: none"> <li>1. Make sure that the wire at back of red piezo igniter button is properly attached. Push the igniter button several times, holding in gas control valve knob.</li> <li>2. If pilot still will not ignite, remove glass panel and the logs and try lighting pilot with a match. If pilot now lights then the piezo igniter is faulty.</li> <li>3. Check Piezo Igniter for loose connections.</li> </ol>
Main Burner will not light	<ol style="list-style-type: none"> <li>1. Make sure valve control knob is in the "ON" position.</li> <li>2. Make sure burner switch is on, (black switch next to red piezo igniter).</li> <li>3. Check for loose wire connection at the gas valve (see figure 8). NOTE: This is a sensitive millivolt circuit and the pilot or burner will go out if terminals are loose or accidentally grounded.</li> </ol>

If your **fireplace Insert** still does not operate correctly, consult your dealer or the manufacturer.

**All service and repairs should be performed by a qualified agency.**

All spare parts are available from Canadian Heating Products Inc. or your local dealer.

The **Insert** has a ten-year limited warranty on the firebox, a five-year warranty on the main burner, pilot burner, and cultured oak logs; and a one-year warranty on the gas control valve and glass doors.

## ELECTRICAL

### INTRODUCTION

The Circulating fan has been designed to increase the efficiency of convection heat by providing a very quiet air flow over the combustion chamber of the fireplace and discharging heated air into your living space.

### GENERAL INFORMATION

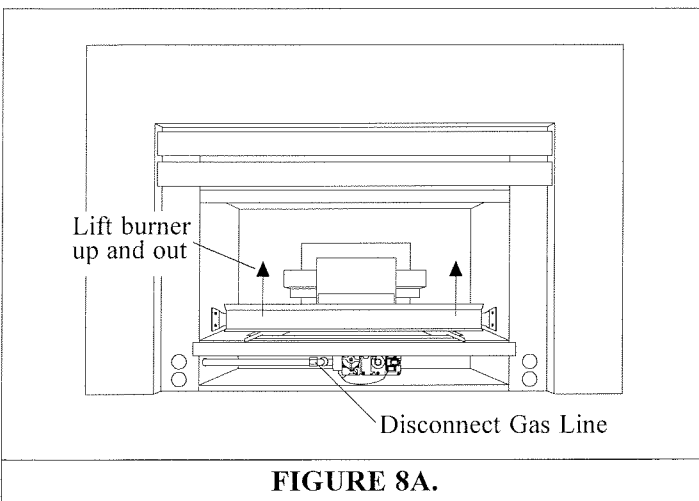
- Please read instructions carefully before proceeding.
- All electrical work must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70-1987 or CSA C22.1 Canadian Electrical code Part 1.
- We strongly recommend that all electrical service work be performed by a qualified electrical contractor.

## OPERATING FAN

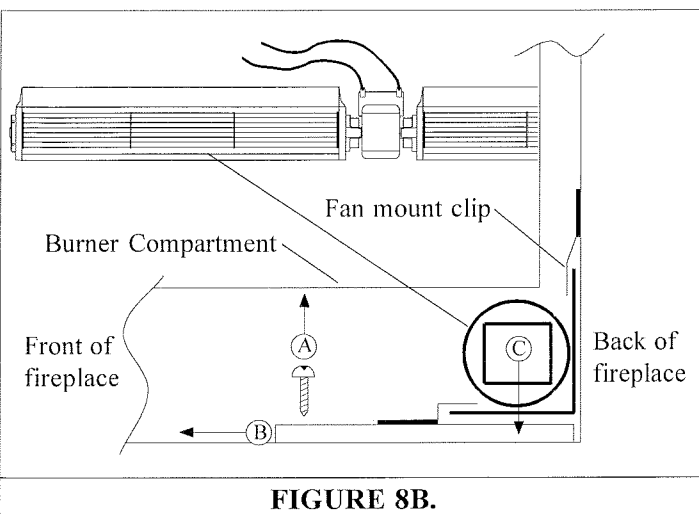
The fan speed can be controlled by turning the black knob (located on the right hand side of control compartment.) clockwise to slow fan down and counterclockwise to speed fan up. To turn fan "off" turn knob counterclockwise all the way until switch "clicks off". There is a built in automatic heat control that will activate when the fireplace has heated up and will prevent the fan from operating when the fireplace is cold.

## SERVICING FAN

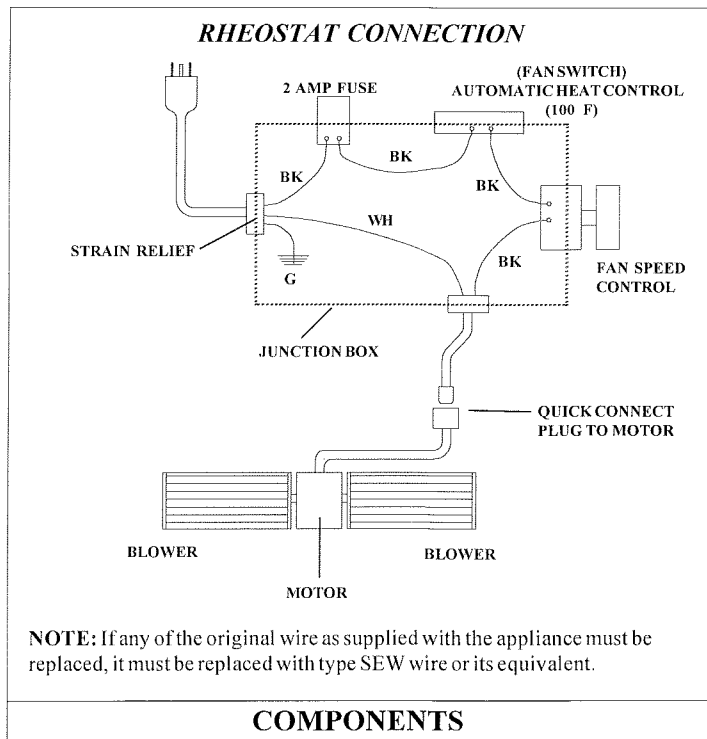
- Remove bottom trims. (See figure 4B)
- Remove glass panel. (See figure 4C)
- Disconnect gas line. (See figure 8A)
- Remove burner by removing the four screws that secure burner in place. Lift burner up and out.
- Remove the two screws(A) that hold the fan mount in place and slide fan mount(B) towards the front of the fireplace. Drop fan and motor(C) down and out. (See figure 8B).
- Replace fan by reversing the above procedures.



**FIGURE 8A.**

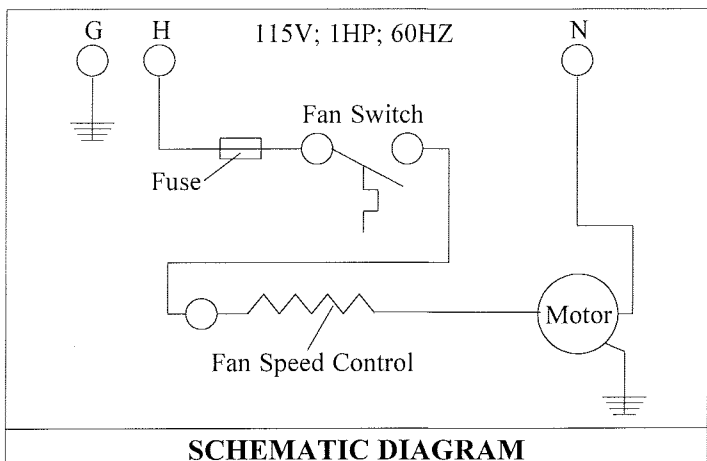


**FIGURE 8B.**



**NOTE:** If any of the original wire as supplied with the appliance must be replaced, it must be replaced with type SEW wire or its equivalent.

## COMPONENTS



**SCHEMATIC DIAGRAM**

## FAN COMPONENTS

- Blower/Motor:** Fasco 7002-2414, 115/1/60;  
Twin Blower 2" Dia., Length 14"
- Fan Switch:** T-O-D 60T12; 110 °F setting, Enclosed disk
- Speed Control:** RANCO - MBB313132-000;  
120V; 60HZ; 3FLA; 6LRA
- Manual Switch:** ALCO XRM-1100; SPST;  
Rating: 4A @ 250 Vac, 8A @ 125 Vac
- Junction Box:** CHP; 22 Gauge S/C; 3 1/4" X 3" X 2 1/4"
- Strain Relief:** Suitable Approved Bushing; CSA type
- Wiring (internal):** Type TEW 105 C or Equivalent; 18AWG
- Connectors:** Suitable solderless connectors; CSA listed
- Appliance Cord and Plug:** Wire Fab; SPT-2; 3 Cond; 18Ga (CSA)  
Moulded Plug
- Fuse:** 2 Amp; Buss type or equivalent
- Fuse Holder:** Suitable for this application; i.e. Buss  
or equivalent
- Pilot burner & Igniter:** Robert Shaw 5SHL2



**WILDFIRE HOTSHOT  
GAS FIREPLACE WARRANTY**

**THE WARRANTY**

The Companies warrants the Montigo Gas Appliance to be free from defects in materials and workmanship at the time of manufacture. On the Montigo, there is a ten-year warranty on the firebox and its components, a five-year warranty on the main burner, pilot burner and a one-year warranty on the gas control valve and glass doors.

**REMEDY AND EXCLUSIONS**

The coverage of this Warranty is limited to all components of the Gas Appliance manufactured by The Companies.

This Warranty only covers Montigo Gas Appliances installed in the United States or Canada.

If the components of the Gas Appliance covered by this Warranty are found to be defective within the time frame stated (see The Companies right of investigation outlined below). The Companies will, at its option, replace or repair defective components of the Gas Appliance manufactured by The Companies at no charge, and will also pay for reasonable labour costs incurred in replacing or repairing components. If repair or replacement is not commercially practical, The Companies will, at its option, refund the purchase price of the Montigo Gas Appliance.

This Warranty covers only parts and labour as provided above. In no case shall The Companies be responsible for materials, components, or construction which are not manufactured or supplied by The Companies, or for the labour necessary to install, repair or remove such materials, components or construction. All replacement or repair components will be shipped F.O.B. the nearest The Companies factory.

**QUALIFICATIONS TO THE WARRANTY**

The Gas Appliance Warranty outlined above is further subject to the following qualifications:

(1) The Gas Appliance must be installed in accordance with The Companies installation instructions and local building codes. The Warranty on this Montigo Gas Appliance covers only the component parts manufactured by The Companies. The use of components manufactured by others with this Montigo Gas Appliance could create serious safety hazards, may result in the denial of certification by recognized national safety agencies, and could be in violation of local building codes. This warranty does not cover any damages occurring from the use of any components not manufactured or supplied by The Companies

(2) The Montigo Gas Appliance must be subjected to normal use. The Gas Appliances are designed to burn gas only. Burning conventional fireplace fuels such as wood, coal or any other solid fuel will cause damage to the Gas Appliance, will produce excessive temperatures and will result in a fire hazard.

**LIMITATIONS ON LIABILITY**

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

In no event shall The Companies be responsible for any incidental or consequential damages caused by defects in its products, whether such damage occurs or is discovered before or after replacement or repair, and whether or not such damage is caused by The Companies negligence. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. The duration of any implied warranty with respect to this Montigo Gas Appliance is limited to the duration of the foregoing warranty. Some states do not allow limitation on how long an implied warranty lasts, so the above may not apply to you.

**INVESTIGATION OF CLAIMS AGAINST WARRANTY**

The Companies reserves the right to investigate any and all claims against this Warranty and to decide upon method of settlement.

**THE COMPANIES ARE NOT RESPONSIBLE FOR WORK DONE WITHOUT WRITTEN CONSENT**

The Companies shall in no event be responsible for any warranty work done without first obtaining The Companies written consent.

**DEALERS HAVE NO AUTHORITY TO ALTER THIS WARRANTY**

The Companies employees and dealers have no authority to make any warranties nor to authorize any remedies in addition to or inconsistent with those stated above.

**HOW TO REGISTER A CLAIM AGAINST WARRANTY**

In order for any claim under this Warranty to be valid, The Companies must be notified of the claimed defect in writing or by telephone, as soon as reasonably possible after the defect is discovered. Claims against this Warranty in writing should include the date of installation, and a description of the defect.

**OTHER RIGHTS**

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**NOTE:** *The Companies* as stated above refer to - Canadian Heating Products Inc. and/or Montigo Del Ray Corp.

Canadian Heating Products Inc. and/or Montigo DelRay Corp. reserves the right to make changes at any time, without notice, in design, materials, specifications, prices and also to discontinue colors, styles and products.

**CANADIAN HEATING PRODUCTS INC.**  
Surrey, B.C. V3W 2V6

**MONTIGO DEL RAY CORP.**  
Ferndale, WA 98248

# WHS PARTS LIST

