

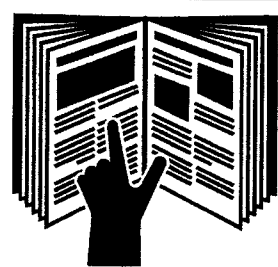
Installation & Maintenance Manual

MONTIGO
 The art of fireplaces
 www.montigo.com



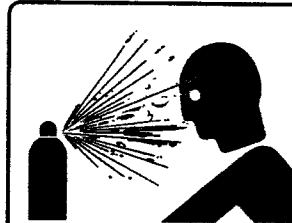
**H34DF HC34DF
 HL34DF HR34DF**

**Indoor
 Residential
 Gas Fireplace**



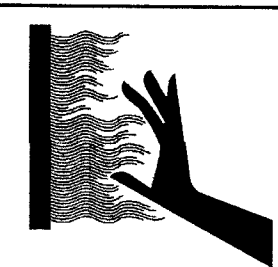
⚠ DANGER

Read and understand this manual. Improper installation, adjustment, alteration, service or maintenance can cause serious injury, property damage or even death. For assistance or additional information consult a qualified installer, service agency or the gas supplier.



⚠ WARNING

Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other gas burning appliance. A fire or explosion may occur causing serious injury, property damage or even death.



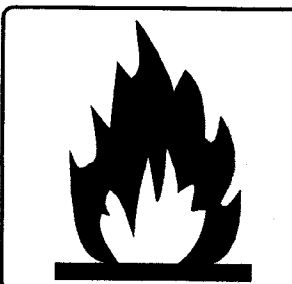
⚠ CAUTION

Glass doors on gas fireplaces are extremely hot while the fireplace is on and remain hot even after the fireplace has been turned off. Safety screens are available and can reduce the risks of severe burns. Please keep children away from the fireplace at all times.



NOTICE

Installer: Leave this manual with the appliance. Do not remove.
Consumer: Retain this manual for maintenance and future reference. Do not discard.



NOTICE

IF YOU SMELL GAS

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



Installation



Section 7: Installing & Removing the Door

Removing the door:

The H*34DF* doors are removed in a few simple steps. Follow these instructions below to remove the Horizontal access panel, unlatch the door buckles and, remove the door. Replace in reverse order.

Remove the Horizontal Access Panel:

Step 1: Remove the Horizontal Access Panel:

Remove the Horizontal cover by placing fingers in both finger holes, then pushing away from you and lifting out. Place it aside during maintenance or cleaning. Install in reverse order.

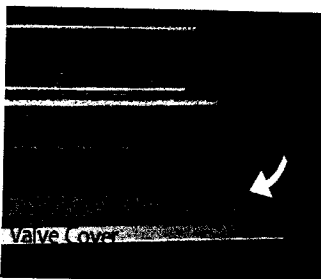


Figure 27. Removing and installing the Horizontal Access Panel

Step 2: Locate the Door Buckles:

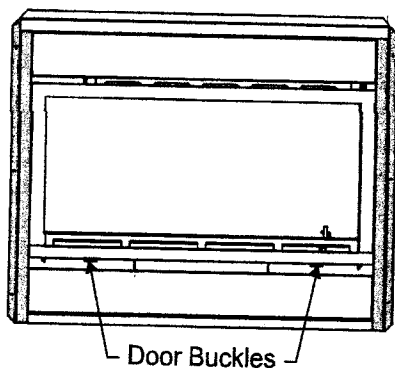


Figure 27a. Locate the door buckles.

Step 3: Release the Door Buckles



Figure 27b. Door buckle Tool

Step 4:

Firmly grasp hand-hold end of Door buckle tool and place the machined end in the slot under door frame. (as shown)

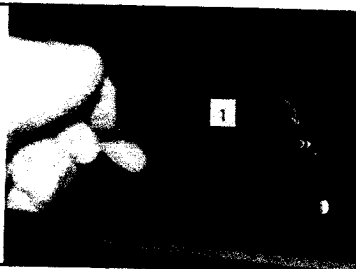


Figure 27c.

Step 5:

Ensure the tool is firmly in the lower end of the slot, (as shown), Then pull toward you (Caution: hold the tool securely).

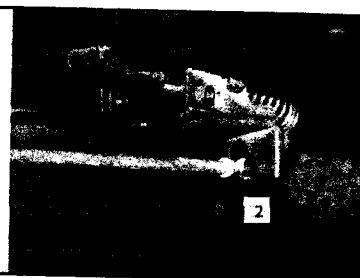


Figure 27d.

Step 6:

Pull hard if necessary to release the spring tension. (Caution: The latch springs back with force, hold the tool securely).

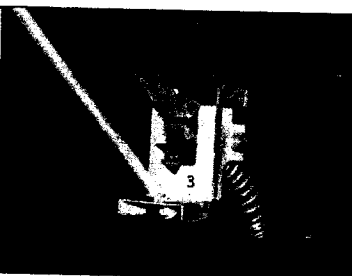


Figure 27e.

Step 7:

Remove the tool from the latch slot. Ensure the latches are hanging freely, the hook end is released from the bottom of the door. (Repeat all 4-steps for the remaining latches).

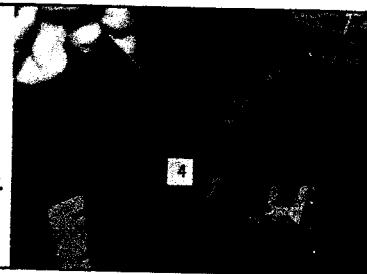


Figure 27f.

Step 8: Removing the Door:

Grasp the Door on either side, usually midway and lift upward, lift the door carefully up and away from the front of the fireplace. See Figures 27g. Place the Door aside in a safe place while maintenance and / or cleaning is being performed.

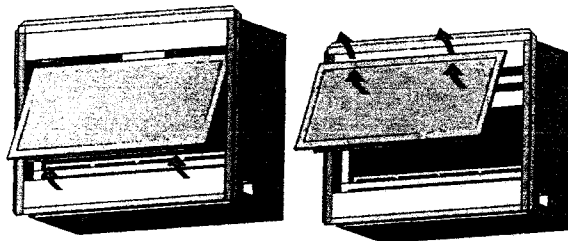


Figure 27g. Removing and installing the glass doors.

Installing the Door:

To install the door, hook the top edge of the door frame into place. Lower the door into position and follow the previous steps shown in reverse order.

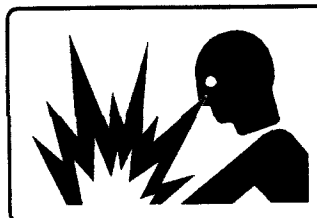
Operation



Section 9: Start up Sequence

Standing (Continuous) Pilot Ignition (SIT NOVA 820)

For Your Safety - READ BEFORE LIGHTING:



WARNING

If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

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

What To Do If You Smell Gas:

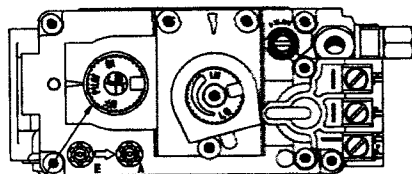
- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbour's phone.

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, 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.

Lighting Instructions:

1. **STOP!** Read the safety information above on this label.
2. Lift out the lower Horizontal access panel.
3. Push in gas control knob and turn clockwise ↻ to "OFF."
4. Wait five (5) minutes to clear out any gas. Smell for gas, including near the floor. 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.
5. Locate pilot burner (*See illustration at right.*) and follow steps below.
6. Turn knob on gas control counter clockwise ↶ to "PILOT."
7. Push in gas control knob completely and hold. Light with Piezo

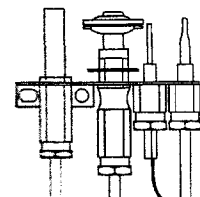


Gas Control Knob
(Shown in "Pilot" position.)

NOTE: Gas control knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.

Igniter 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 3 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.
8. Push in gas control knob and turn counter-clockwise ↶ to "ON."
 9. Replace the lower Horizontal access panel.
 10. Turn on remote switch to ignite fire.



To Turn Off Gas To Appliance:

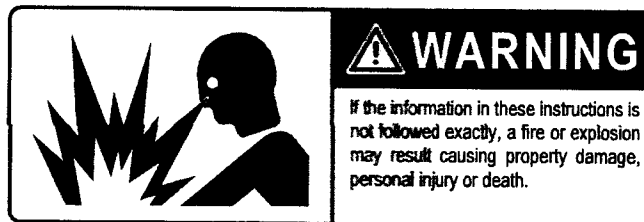
1. Turn off remote switch.
2. Lift out the lower Horizontal access panel.
3. Push in gas control knob slightly and turn ↻ clockwise to "Off". Do not force.
4. Replace the lower Horizontal access panel.



Operation

Proflame SIT Electronic Ignition

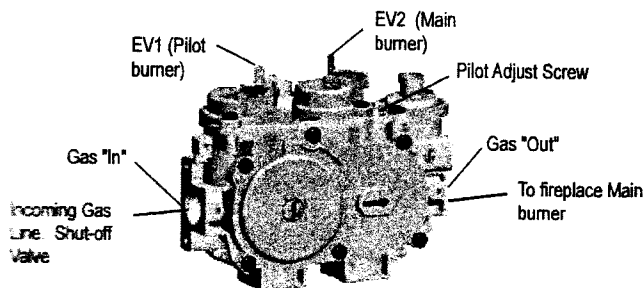
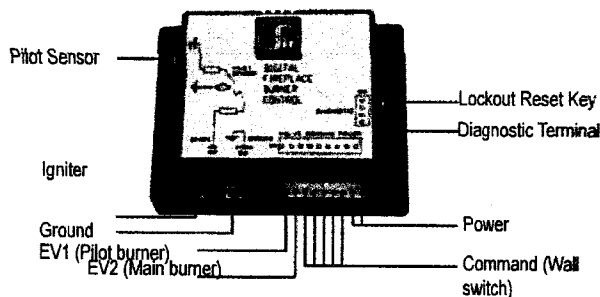
For Your Safety - READ BEFORE LIGHTING:



- A. This appliance is equipped with an ignition system that lights the pilot burner automatically. Do not attempt to light the pilot by hand.
- B. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- What To Do If You Smell Gas:
- Do not try to light any appliance.
 - Do not touch any electrical 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, 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.

Lighting Instructions:

1. STOP! Read the safety information above on this label.
2. Remove the lower Horizontal access panel.
3. Turn Incoming gas valve to the ON" position.
4. Wait 5 minutes to clear out any gas. If you smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
5. Turn wall switch "ON".
6. If the Fireplace does not light, the System will cycle through two trials, (one minute audible clicking, thirty seconds of silence, and then another one minute of audible clicking).
7. After completion of the information in the Troubleshooting section, Repeat step 5.
8. If the system will not function correctly, follow the instructions "To Turn Off Gas To Appliance" and call your service technician or gas supplier.



To Turn Off Gas To Appliance:

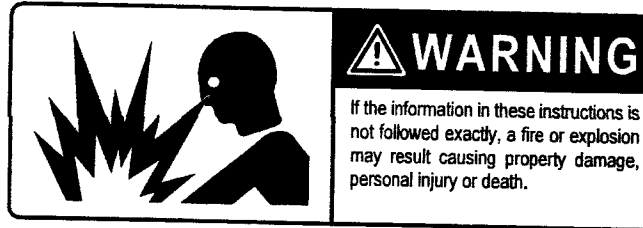
1. Turn off remote switch.
2. Remove the lower Horizontal access panel.
3. Turn the incoming gas control valve to "Off".
4. Replace the lower Horizontal access panel.

Operation

Honeywell Electronic Ignition



For Your Safety - READ BEFORE LIGHTING:



- A. This appliance is equipped with an ignition system that lights the pilot burner automatically. **Do not attempt to light the pilot by hand.**
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

What To Do If You Smell Gas:

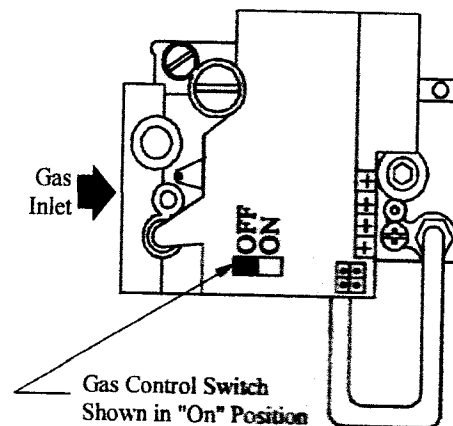
- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbour's phone.

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, 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.

Lighting Instructions:

1. **STOP!** Read the safety information above on this label.
2. Flip down the lower trims.
3. Turn switch on the gas control to "OFF".
4. Wait 5 minutes to clear out any gas. If you smell gas, **STOP!** Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
5. Turn switch on the gas control to "ON". **NOTE:** This unit is equipped with an ignition system that lights the pilot burner automatically. **Do not attempt to light the pilot by hand.**
6. Turn on wall switch.
7. Flip up the lower trim.
8. If the fireplace does not operate, follow the instructions "To Turn Off Gas To Appliance" and call your service technician or gas supplier.



To Turn Off Gas To Appliance:

1. Turn off remote switch.
2. Flip down the lower trim.
3. Turn the switch on the gas control to "OFF".
4. Flip up the trim.



Maintenance

Lighting Instructions

See pages 27 to 29.

General

- **Have the fireplace and installation inspected yearly.** The inspection must include, but is not limited to, the following:
 - A visual check of the entire vent system and termination.
 - An inspection of the explosion relief flappers and the door gaskets to ensure a proper seal.
 - An inspection of the burner, vent run, and primary air openings.
 - An inspection of the gas valve, gas components, and pilot flame. For your convenience a 1/8" manifold pressure tap is supplied on the gas valve for a test gauge connection.
 - Ensure proper log placement as per this manual.
 - Inspection of all optional equipment; fans, thermostats, etc.
- For **Natural Gas** this appliance requires a minimum inlet pressure of 5.5" W.C. and a manifold pressure of 3.5" W.C.
- For **Propane Gas** this appliance requires a minimum inlet pressure of 11" W.C. and a manifold pressure of 10" W.C.
- Always keep the fireplace area clear and free of combustible materials, as well as gasoline and other flammable vapours and liquids.
- 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.

Cleaning

When the fireplace is first activated, there may be some smoking and a visible film may be left on the glass. This is a normal condition, and is the result of burning of protective coatings on new metal.

- Glass must be cleaned periodically to remove any film (which is a normal by-product of combustion) which may be visible. Film can easily be removed by removing the door, as shown on **Page 21**. Handle the door carefully, and clean it with non-abrasive glass cleaners. One of the most effective products is Kel Kem.
- Silicone seals on inner door during initial firing will "off gas", leaving a visual deposit of a white substance on combustion chamber walls. This can easily be removed from the chamber walls using 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 a vacuum to remove soot or other contaminants.

CAUTION

Due to high operating temperatures, this 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.

Hi-Lo Burner Adjustment: (SIT Nova 820).

The H*34DF* is equipped with an adjustable burner, allowing you raise or lower the flames. To adjust the flames, locate the black knob marked 'Hi-Lo', in the centre of the gas control valve (See **Figure 3**

- To raise the flame height, turn the black knob (located behind lower control compartment) **counter-clockwise**.
- To lower the flame height, turn **clockwise**.

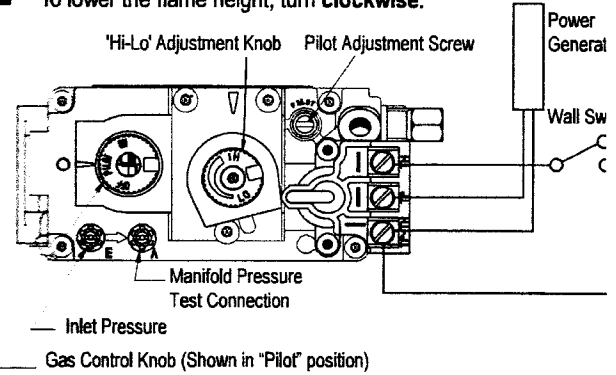


Figure 33. 'Hi-Lo' Adjustment on the SIT Nova 820 gas valve,

Hi-Lo Burner Adjustment: (SIT Proflame).

The H*34DF*1 is equipped with an adjustable burner, allowing you raise or lower the flames. To adjust the flames, locate the black knob marked 'Hi-Lo', in the centre of the gas control valve (See **Figure 3**

- To raise the flame height, turn the black knob (located behind lower control compartment) **counter-clockwise**.
- To lower the flame height, turn **clockwise**.

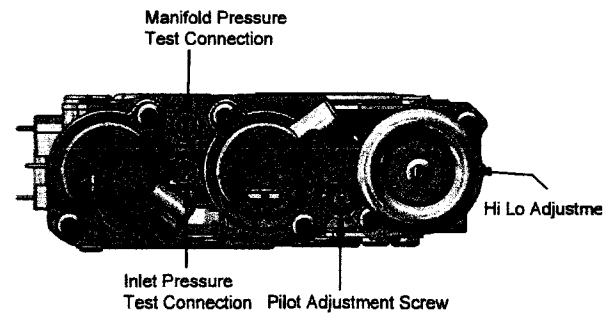
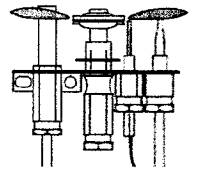


Figure 34. 'Hi-Lo' Adjustment on the SIT Proflame gas valve.

Pilot Burner Adjustment.

1. Locate Pilot Adjustment Screw. (See **figure 33 or 34**.)
2. Adjust pilot screw to provide properly sized flame as shown.
3. After installing or servicing, leak test with a soap solution with **max** 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.



Maintenance



Troubleshooting

SIT Nova 820

The following is a troubleshooting chart of possible problems:

PROBLEM	CORRECTIVE ACTION
Noisy Pilot Flame	Locate pilot adjustment screw on gas control valve. Flame is decreased by turning adjustment screw clockwise.
Pilot won't ignite	Disconnect remote wires and try to light pilot. If pilot now works, remote connections are faulty. Check wiring diagram figure 33 .
Main burner will not light	1. Check wiring (see figure 33). 2. Check wall switch for proper connection.

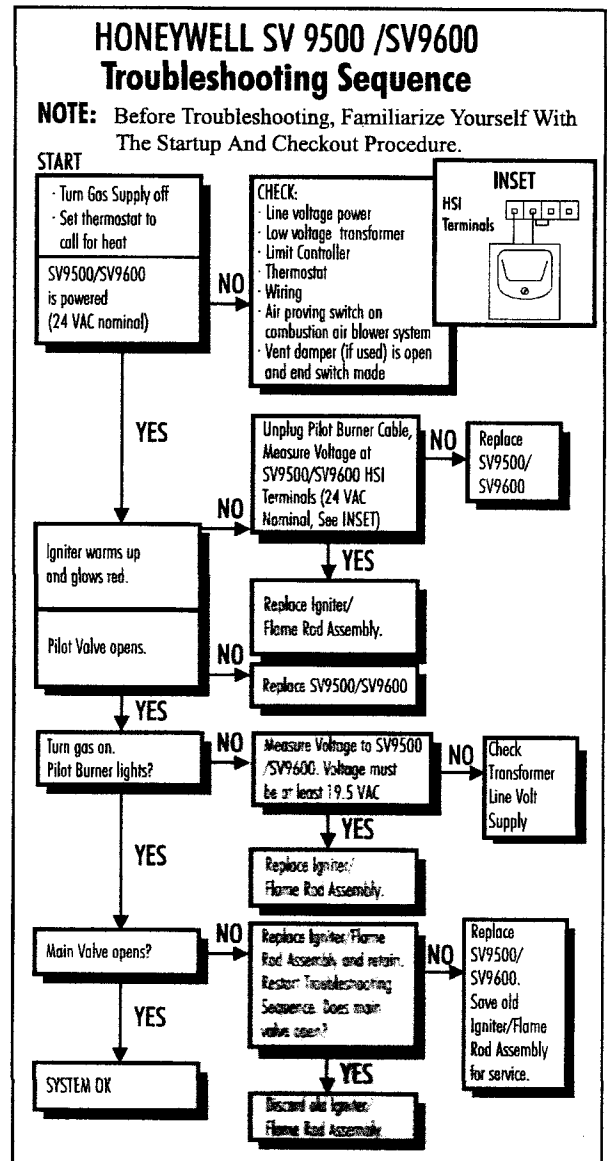
SIT Proflame

The following is a troubleshooting chart of possible problems:

PROBLEM	SOLUTION
Pilot won't ignite or spark.	- Check the on the batteries on the remote or the receiver. - Check the green LED on AC adaptor - Check the green ground wire under the valve
Main burner will not light.	- Check the wiring on the valve as per diagram Figure 20 .
Fan not working	- Make sure the fan speed control is on. - 10 minute delay to turn on.

Honeywell

The following is a troubleshooting chart of possible problems:



If your fireplace still does not operate correctly, consult your local Montigo dealer.

All service and repairs should be performed by a qualified Technician.

All spare parts, optional fans, and optional trim finishes are available from your local Montigo dealer.



Replacement Parts

	H34DF	HC34DF	HL34DF	HR34DF
NG Gas Valve	RGC1006	RGC1006	RGC1006	RGC1006
LP Gas Valve	RGC1005	RGC1005	RGC1005	~
NG Pilot	RPA020	RPA020	RPA020	RPA020
LP Pilot	RPA021	RPA021	RPA021	~
NG Burner	Contact Local Montigo Dealer			
LP Burner				
NG Orifice	R0R1120	~	~	R0R1120
LP Orifice	R0R1121	~	~	~
Door	RDTH34	RDTH34	RDTH34	RDTH34
Log Base	RLGSH34B	RLGSH34B	~	~
Log Set	RLGSH34	RLGSH44	~	~
NG Orifice (front)		RBT1147		
LP Orifice (front)		RBT1149		
NG Orifice (Rear)		RBT1148		
LP Orifice (Rear)		RBT1150		

All service and repairs should be performed by a qualified Technician.

All spare parts, optional fans, and optional trim finishes are available from your local Montigo dealer.