

Installation Operation & Maintenance

ME34-DV-2 Homefire Modular Gas Fireplace

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.

For Your Safety:

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

What To Do If You Smell Gas:

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

- *Check local codes and read all instructions prior to installation.*
- *Leave this manual with the owner.*



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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.

Introduction

About the modular fireplaces and the ME34-DV-2 Homefire:


The **ME34-DV-2** includes a 21,000 BTU dual burner, 5 piece logset, and glowing embers. All M34 Series Modular Fireplaces allow quick and easy upgrades in the future. The ME34-DV-2 can be upgraded to a 25,000 BTU Homefire Plus burner. Contact your dealer for more information. The ME34-DV-2 model is available in four versions:

- Top Vent (Product Code ME34DT-2)
- Rear Vent (Product Code ME34DR-2)
- Electronic Ignition - Top Vent (Product Code ME34DT-I-2)
- Electronic Ignition - Rear Vent (Product Code ME34DR-I-2)

The ME34-DV-2 is certified as a **Vented Gas Fireplace Heater** (ANSI Z21.88-2000 · CSA 2.33-2000) and is rated for:

<i>Natural Gas</i>	21,000 BTU/H (7.6 Kilowatts) Maximum Input
	17,500 BTU/H (5.1 Kilowatts) Minimum Input
<i>Propane</i>	21,000 BTU/H (7.6 Kilowatts) Maximum Input
	17,500 BTU/H (5.1 Kilowatts) Minimum Input

How to use this manual:

This manual covers all models and unless otherwise specified, the designation ME34-DV-2 refers to all models. Sections which are specific to a particular model are marked with a  symbol, plus the appropriate model number.

Warranty and Installation Information:

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

- Modification of the fireplace and/or components including Direct-Vent assembly or glass doors.
- Use of any component part not manufactured or approved by Montigo in combination with this Montigo fireplace system.
- Installation other than as instructed in this manual.

Consult your local Gas Inspection Branch on installation requirements for factory-built gas fireplaces. Installation & repairs should be done by a qualified contractor.

Installations in Canada must conform to the current **CAN/CGA B-149.1** and **.2** Gas Installation Code and local regulations. If the optional air-circulating fan kit is installed, it must be electrically grounded in accordance with **CSA C22.1** Canadian Electrical Code Part 1 and/or Local Codes.

Installations in the USA must conform to local codes, or in the absence of local codes to the National Fuel Gas Code, **ANSI Z223.1-1988**. If the optional air-circulating fan is installed, it must be grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, **ANSI/NFPA 70-1987**.

Installation



Removing and Installing the Door

Removing the Door:

Remove the trim (as described on the next page) to access the door latches. Open the latches by pulling Part A upwards and towards you to disengage Part B from the door. Lift Part B clear of the door. Repeat for all three latches. Be sure to hold the door carefully so it does not fall. (See figure 26a.)

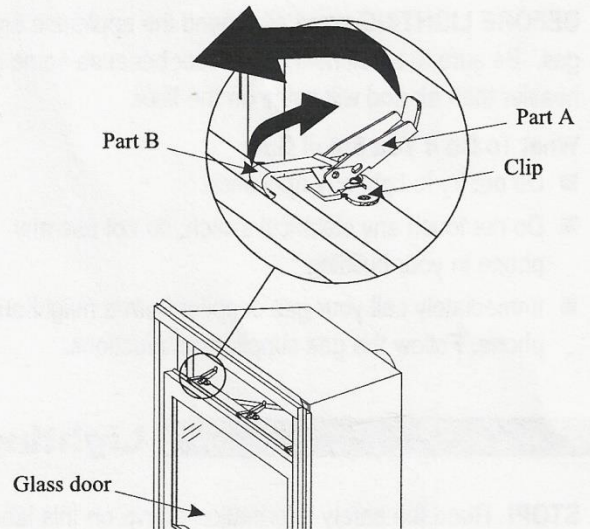


Figure 26a. Operating the door latches.

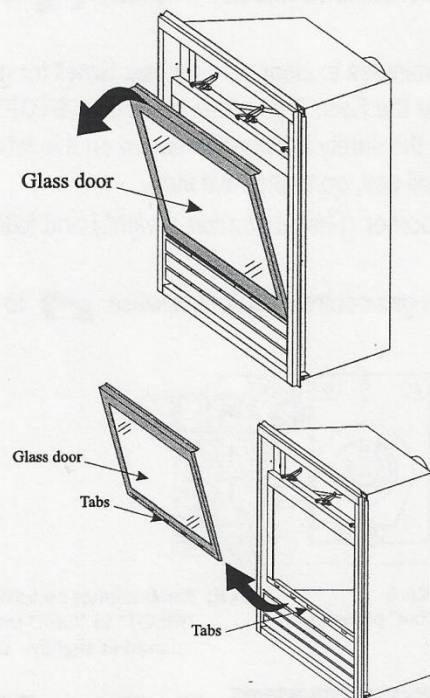


Figure 26b. Removing the door.

Once the three latches are unhooked, tilt the top of the door forward and lift it out of the slots. See figure 26b.



ME34-DV-2

Operation - Model ME34-DV-2




with Continuous Pilot

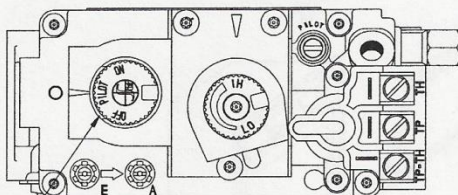
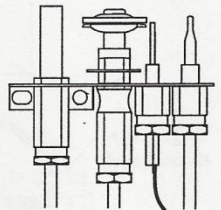
For Your Safety - READ BEFORE LIGHTING:

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

- A.** This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B. BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- What To Do If You Smell Gas:**
- Do not try to light any appliance.
 - Do not touch any 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.
- 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. Flip down lower trims.
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 counterclockwise  to "PILOT."
7. Push in gas control knob completely and hold. Light with Piezo 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 counterclockwise  to "ON."
9. Flip up lower trim.
10. Turn on remote switch to ignite fire.



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

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

To Turn Off Gas To Appliance:

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



Operation

Lighting Instructions

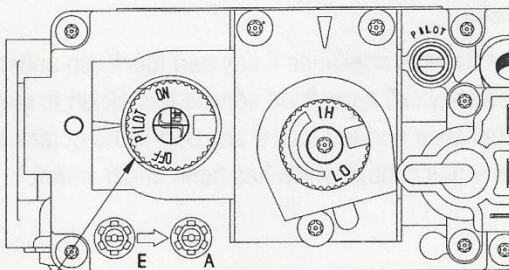
See pages 14 and 15.

Adjusting the Burner

Raising or lowering the Flame Height

The ME34-DV-2 fireplace is equipped with an adjustable burner, allowing you to raise or lower the flames. Operating the control knob as described below will adjust both the main burner and the ember burner.

- To raise the flame height, turn the black knob (located behind the lower trim) **counterclockwise**.
- To lower the flame height, turn **clockwise**.



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

Figure 27. Hi-Lo' Adjustment on the ME34-DV-2's gas valve.



Maintenance

CAUTIONS

- Fireplace gas control must be in the "OFF" position and pilot and main burners extinguished when cleaning appliance with a vacuum.
- Doors and logs can get very hot. Handle only when cool.

General

- 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" manifold pressure tap is supplied on the gas valve for a test gauge connection. See Figure 28.
- 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 byproduct of combustion) which may be visible. Film can easily be removed by removing the door, as shown on page 13. 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 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. The logs are fragile and will break easily.

WARNING:

Do not attempt to clean glass when hot.

Do not clean glass with abrasive materials as any glass etching may cause premature glass failure.

Maintenance



Gas Control Valve

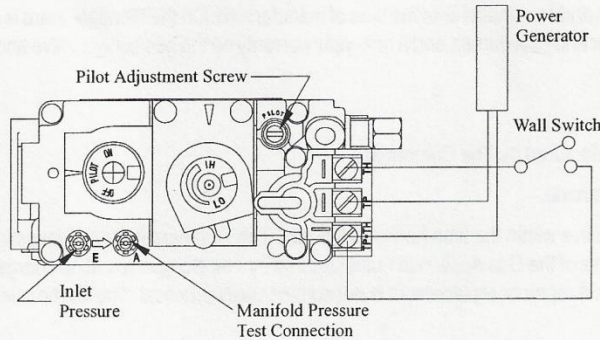


Figure 28. Sit Nova 820 gas valve.

Pilot Burner Adjustment

1. Locate Pilot Adjustment Screw. (See figure 28.)
2. Adjust pilot screw to provide properly sized flame as shown in figure 29).
3. After installing or servicing, leak test with a soap solution 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.

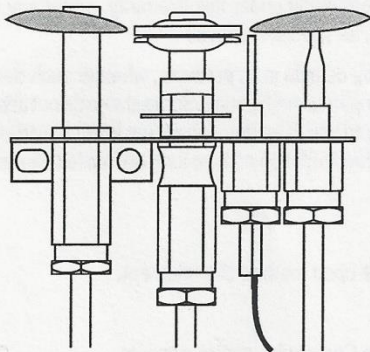


Figure 29. Pilot Burner

Troubleshooting ME34-DV-2

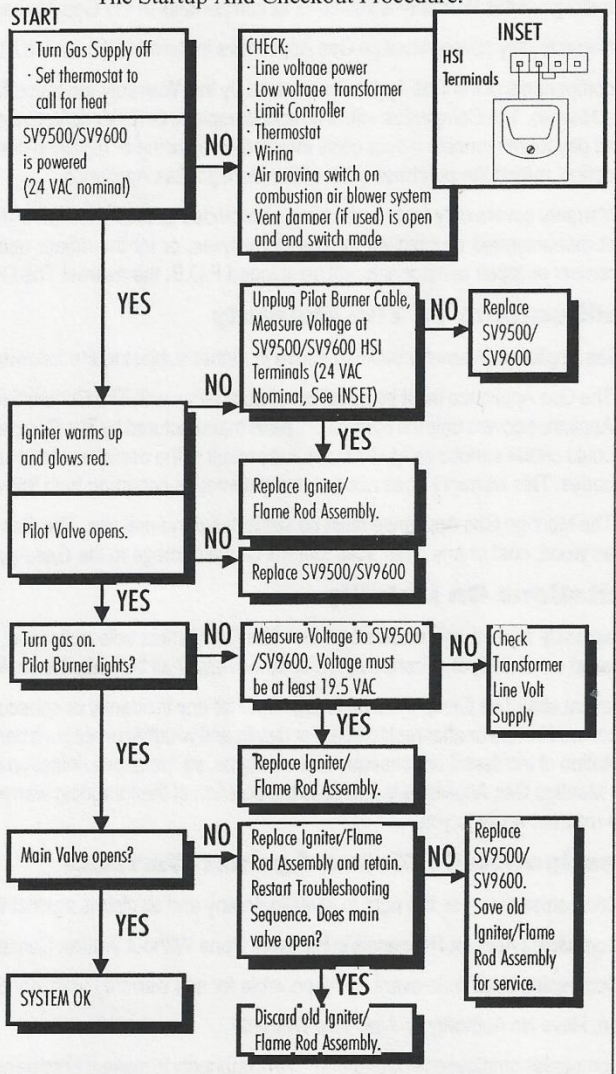
The following is a troubleshooting chart of possible problems:

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 28.
Main burner will not light	1. Check wiring (see figure 28). 2. Check wall switch for proper connection.

Troubleshooting ME34-DV-1-2

HONEYWELL SV 9500 /SV9600 Troubleshooting Sequence

NOTE: Before Troubleshooting, Familiarize Yourself With The Startup And Checkout Procedure.



If your fireplace 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, optional fans (see optional fan instruction guide), and optional trim finishes are available from the manufacturer or your local dealer.