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Pleasant Hearth VFL3-VO24DR

Pleasant Hearth 24-inch Valley Oak Vent Free Gas Log Set Instruction Manual

Model: VFL3-VO24DR

1. INTRODUCTION AND OVERVIEW

This manual provides essential instructions for the safe installation, operation, and maintenance of your Pleasant Hearth 24-inch Valley Oak Vent Free Gas Log Set, Model VFL3-VO24DR. This vent-free gas log set is designed to provide supplemental heat and aesthetic appeal without requiring a chimney or flue. It operates on either natural gas or propane, delivering up to 33,000 BTUs per hour, capable of heating areas up to 1,100 square feet.

The unit features a dual burner system with an additional ember fiber burner for a realistic glowing ash bed effect. A 2-in-1 millivolt remote controller is included, functioning as both an on/off switch and a programmable thermostat. No electricity is required for operation, ensuring reliable heating even during power outages.



Image 1.1: The Pleasant Hearth 24-inch Valley Oak Vent Free Gas Log Set in operation, showcasing realistic flames and log arrangement.

2. IMPORTANT SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- This appliance is for use with natural gas or propane only. Verify your fuel type before installation.
- Vent-free gas log sets are not for sale in California or Canada. Check local regulations for installation restrictions and requirements in your area.
- For propane use, a 100-lb tank or larger with a two-stage adjustable regulator is required. This regulator should be obtained from a local gas company.
- Ensure adequate ventilation in the room where the appliance is installed. Vent-free appliances consume oxygen from the room.
- Do not place clothing or other flammable materials on or near the appliance.
- Keep children and pets away from the appliance when it is in operation.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged. The package should include:

- Gas Log Set (main burner assembly and log pieces)
- Ember Fiber (Rock Wool)
- Lava Rocks
- 2-in-1 Millivolt Remote Controller
- Instruction Manual



Image 3.1: Components of the gas log set, including the burner assembly and individual log pieces, prior to arrangement.

4. SPECIFICATIONS

Feature	Specification
Model Name	24-In Valley Oak Vent Free Gas Log Set 33,000 BTU's
Model Number	VFL3-VO24DR
Brand	Pleasant Hearth
Heat Output	Up to 33,000 BTUs per hour
Heating Coverage	Up to 1,100 square feet
Fuel Type	Natural Gas or Propane (Dual Fuel)
Ventilation Type	Vent Free
Product Dimensions (Approx.)	17"D x 19.6"W x 27.25"H (Overall assembled dimensions)
Item Weight	36.06 Pounds
Material	Plastic (Base components), Ceramic Fiber (Logs)
UPC	872076049364

Log Set Dimensions

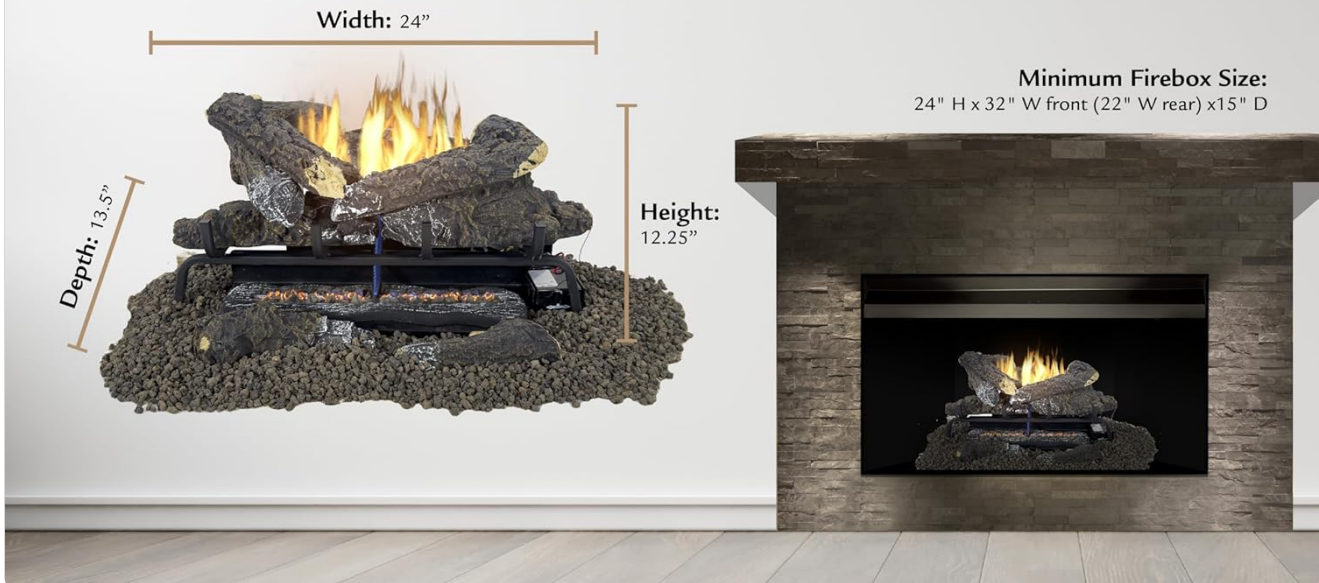


Image 4.1: Detailed dimensions of the log set and minimum firebox requirements for proper installation.

5. INSTALLATION (SETUP)

Installation of this gas log set requires careful attention to safety and adherence to all local codes and regulations. It is highly recommended that installation be performed by a qualified professional.

5.1 Pre-Installation Checks

- Ensure your fireplace or firebox meets the minimum clearance requirements. Refer to Image 4.1 for specific dimensions.
- Confirm the available gas supply (natural gas or propane) matches the appliance's fuel type. The unit is dual-fuel capable, but proper connection for the chosen fuel is critical.
- Verify that the gas supply line is properly sized and installed according to local codes.

5.2 Fuel Type Connection

The log set is designed for dual fuel operation. Ensure the correct gas inlet is used for your specific fuel type (Natural Gas or Propane).

DOUBLE BURNER AND DUAL FUEL

Two “Double Features” of the Pleasant Hearth Log Sets

Double Burner



✓ Double burner creates two rows of flames for a layered flame effect

Dual Fuel



✓ Dual fuel can operate on either Natural Gas or Propane Gas

Image 5.1: Illustration of the double burner system and the distinct connection points for Natural Gas and Propane fuel types.

5.3 Log Placement

Carefully arrange the ceramic log pieces on the burner grate according to the instructions provided in the full manual to ensure proper flame distribution and appearance. Incorrect log placement can affect performance and safety.



Image 5.2: The gas log set properly installed within a fireplace, demonstrating the intended aesthetic and log arrangement.

6. OPERATION

The gas log set is operated using the included 2-in-1 millivolt remote controller.

6.1 Remote Controller Functions

Easy-to-Use Remote Control



Image 6.1: The remote control unit, detailing the functions of its buttons and display.

- **Display:** Shows the current room temperature.
- **ON Button:** Press to ignite the burner and turn on the flames.
- **OFF Button:** Press to shut down the flames and turn off the unit.
- **MODE Button:** Toggles the unit between "MANUAL" (on/off only) and "THERMO" (thermostatic control) modes.
- **SET Button:** Used to set the desired temperature when the unit is in "THERMO" mode.

6.2 First Use and Pilot Lighting

Refer to the detailed instructions in the full manual for initial pilot lighting procedures. It is crucial to follow these steps carefully to ensure safe ignition.

7. MAINTENANCE

Regular maintenance ensures the safe and efficient operation of your gas log set.

- **Annual Inspection:** It is recommended to have the appliance inspected annually by a qualified service technician.
- **Cleaning:** Keep the burner and log surfaces free of dust and debris. Use a soft brush or vacuum cleaner. Do not use abrasive cleaners.
- **Pilot Light:** Periodically check the pilot flame for proper size and color. If it appears weak or yellow, consult a service technician.
- **Log Condition:** Inspect ceramic logs for cracks or damage. Replace any damaged logs to maintain proper flame patterns and safety.

8. TROUBLESHOOTING

If you encounter issues with your gas log set, refer to the following common troubleshooting steps. For problems not listed or if issues persist, contact a qualified service technician.

Problem	Possible Cause	Solution
Unit does not ignite.	No gas supply; pilot light out; remote control battery low or signal interference; thermocouple issue.	Check gas valve; re-light pilot according to manual; replace remote batteries or move closer; consult technician for thermocouple.
Flames are weak or yellow.	Incorrect gas pressure; blocked burner ports; improper log placement.	Consult gas professional to check pressure; clean burner ports; adjust log placement as per manual.
Remote control not responding.	Low batteries; remote out of range; receiver unit malfunction.	Replace remote batteries; ensure remote is within operating range; check receiver unit for power or damage.
Unusual odors detected.	Initial burn-off of manufacturing oils (temporary); gas leak.	Ensure adequate ventilation during initial use. If odor persists or smells like gas, immediately shut off gas supply and contact emergency services.

9. WARRANTY AND SUPPORT

This Pleasant Hearth gas log set comes with a Limited Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or contact Pleasant Hearth customer support. For technical assistance, parts, or service inquiries, please contact Pleasant Hearth customer support. When contacting support, please have your model number (VFL3-VO24DR) and UPC (872076049364) available.

You can visit the official Pleasant Hearth store for more information: [Pleasant Hearth Store](#).