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Pleasant Hearth VFL-VO24DR

Pleasant Hearth VFL-VO24DR 24-inch Valley Oak Series Vent-Free Gas Log Set Instruction Manual

Model: VFL-VO24DR

1. SAFETY INFORMATION

IMPORTANT: Read and understand all instructions and warnings in this manual before installing, operating, or performing maintenance on this appliance. Failure to follow these instructions may result in fire, explosion, property damage, personal injury, or death.

This appliance is equipped with an **Oxygen Depletion Sensor (ODS)** and an **Overheat Safety** device. These safety features automatically shut off the heater if oxygen levels drop or if the unit operates at higher than normal temperatures. Do not tamper with or bypass these safety mechanisms.

Proposition 65 Warning: This product can expose you to chemicals including carbon monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Local Regulations: This product is not for sale in California or Canada. Always check your local regulations and building codes regarding installation restrictions and requirements for vent-free gas appliances.

2. PRODUCT OVERVIEW

The Pleasant Hearth VFL-VO24DR Valley Oak Series Vent-Free Gas Log Set offers a convenient and efficient heating solution for your home. This unit features dual-fuel technology, allowing operation with either Natural Gas or Propane.

- **Heat Output:** Up to 33,000 BTUs per hour, capable of heating areas up to 1,100 square feet.
- **Efficiency:** 99.9% efficient, converting nearly all fuel into heat.
- **Burner System:** Features a dual burner system for realistic flames, complemented by a third ember fiber (rock wool) burning pan that simulates a glowing bed of ashes.
- **Control:** Includes a 2-in-1 millivolt remote controller for ON/OFF functionality and programmable thermostat control. The remote monitors the temperature near its location.
- **Power:** No electricity is required for operation, providing reliable backup heating during power outages.
- **Design:** Hand-painted, highly detailed concrete logs inspired by nature, designed for minimum clearance installation in most fireplace masonry.
- **Aesthetics:** Comes with decorative lava rock and ember fibers to enhance the visual depth and realism of the fire.



Figure 1: Pleasant Hearth VFL-VO24DR gas log set installed in a living room fireplace.

3. SETUP AND INSTALLATION

Installation of the gas log set requires careful attention to detail and adherence to all local codes. Professional installation is recommended.

3.1 Unpacking and Component Identification

Carefully remove all components from the packaging. Verify that all parts are present according to the packing list. The set includes multiple concrete logs, a burner assembly, a remote control, decorative lava rock, and ember fibers.



Figure 2: All components included in the VFL-VO24DR gas log set.

3.2 Fireplace Preparation

Ensure your fireplace masonry meets the minimum clearance requirements for vent-free appliances. The gas line connection is typically located at the rear of the fireplace. For propane use, a 100-lb. tank or larger with a two-stage adjustable regulator is required, available from your local gas company.

3.3 Log Placement

The concrete logs are designed to fit together like a puzzle. Refer to the included log placement diagram for the correct arrangement. Proper log placement is crucial for optimal flame appearance and safe operation. Do not obstruct the burner ports or the pilot light.



Figure 3: Correct log arrangement for the VFL-VO24DR set.

3.4 Ember Fiber and Lava Rock Application

Distribute the ember fibers and decorative lava rock around the burner and logs as instructed in the detailed manual. This enhances the realism of the fire by simulating glowing embers.



Figure 4: Close-up of the burner with ember fibers and lava rock.

3.5 Gas Connection

Connect the gas supply to the burner assembly. Ensure all connections are tight and leak-free. A qualified technician should perform gas connections and initial startup.

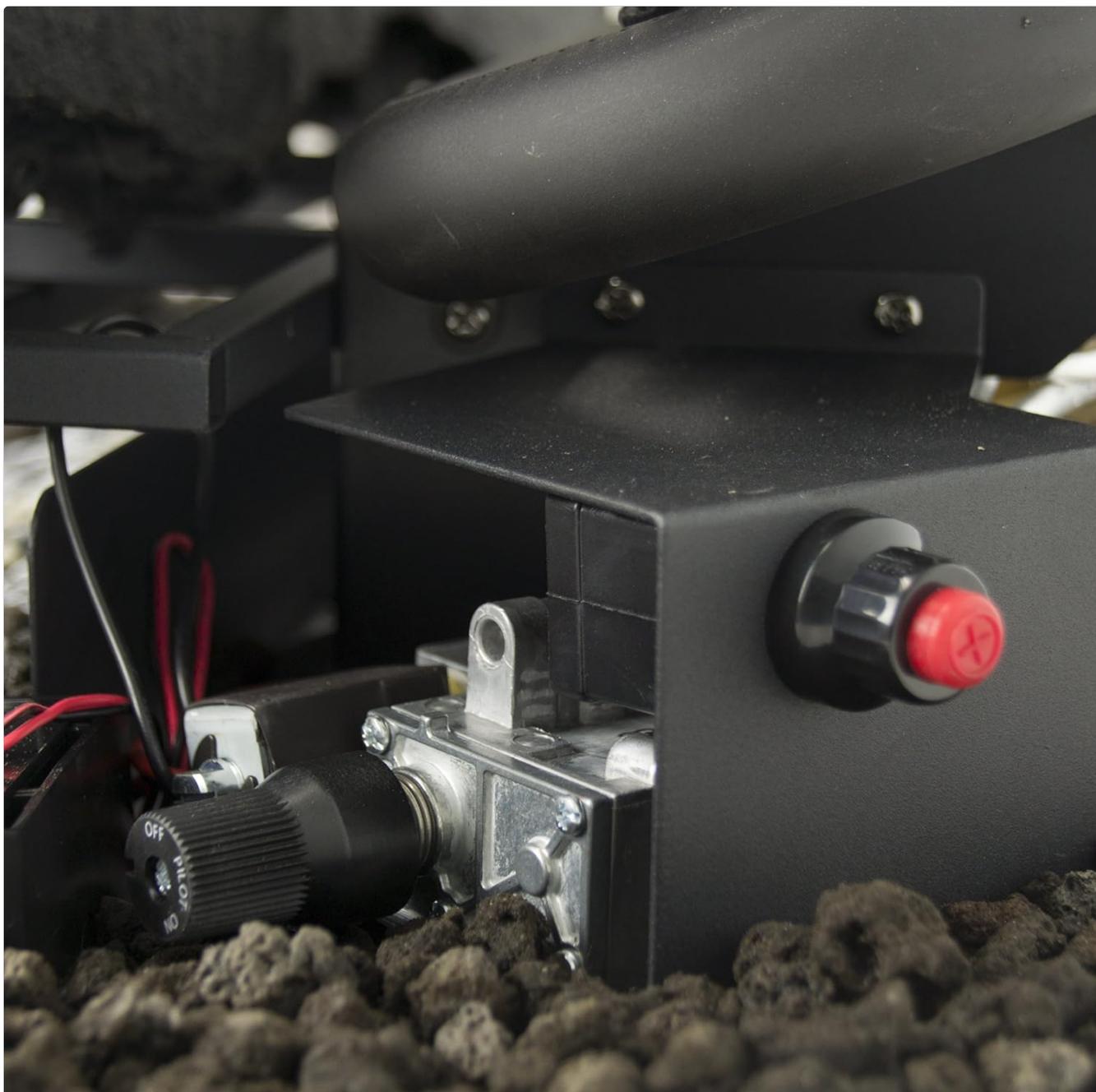


Figure 5: Gas control valve and igniter mechanism.

4. OPERATING INSTRUCTIONS

4.1 Initial Startup

Before first use, ensure all gas connections are secure and the pilot light is lit according to the detailed instructions in the full manual. The push-button igniter is used to light the pilot.

4.2 Using the Remote Control

The included 2-in-1 remote control allows you to turn the unit ON/OFF and set a desired room temperature. The remote constantly monitors the ambient temperature near its location.

- **ON/OFF Function:** Press the ON button to ignite the main burner. Press the OFF button to turn off the main burner. The pilot light will remain lit.
- **Thermostat Mode:** Set your desired temperature using the remote. The gas log set will automatically cycle on and off to maintain this temperature, similar to a central heating system.



Figure 6: Gas logs with active flames.

4.3 Video Demonstration

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Video 1: This video demonstrates the operation and features of a Pleasant Hearth Vent Free Gas Log Set, highlighting the flame appearance and remote control functionality. Note: The model shown may vary slightly from VFL-VO24DR.

Your browser does not support the video tag.

Video 2: This video provides a general overview of a HearthSense Ventless Dual Fuel Gas Log Set, showcasing its flame patterns and dual fuel capability. Note: The model shown may vary slightly from VFL-VO24DR.

5. MAINTENANCE

Regular maintenance ensures safe and efficient operation of your gas log set. Always turn off the gas supply and allow the unit to cool completely before performing any maintenance.

- **Cleaning:** Periodically clean the logs and burner area to remove dust, lint, or debris that may accumulate. Use a soft brush or vacuum. Do not use abrasive cleaners.
- **Pilot Light and Burner Inspection:** Annually inspect the pilot light and main burner for proper flame appearance and any obstructions.
- **Gas Connections:** Check gas connections for leaks using a soapy water solution. Bubbles indicate a leak.
- **Log Condition:** Inspect logs for cracks or damage. Replace any damaged logs to maintain safe operation and aesthetic appeal.

6. TROUBLESHOOTING

If your gas log set is not operating correctly, refer to the following common issues:

| Problem | Possible Cause | Solution |
|-----------------------------|--|---|
| Pilot light will not light | No gas supply, air in line, faulty igniter, clogged pilot orifice. | Check gas valve, bleed air from line, inspect igniter electrode, clean pilot orifice. |
| Main burner will not ignite | Pilot not lit, low gas pressure, faulty thermopile, remote control issue. | Ensure pilot is lit, check gas supply, inspect thermopile connection, check remote batteries. |
| Unit shuts off unexpectedly | ODS activation (low oxygen), overheat safety activation, low gas pressure. | Ventilate area, allow unit to cool, check gas supply. |
| Unusual odors | Gas leak, new unit burn-off, dust/debris on burner. | Immediately shut off gas and ventilate if gas odor. Allow new unit to burn off. Clean unit. |

If troubleshooting steps do not resolve the issue, contact a qualified service technician or the manufacturer for assistance.

7. SPECIFICATIONS

- **Brand:** Pleasant Hearth
- **Model Number:** VFL-VO24DR
- **UPC:** 872076024293
- **Power Source:** Fuel Powered (Natural Gas or Propane)
- **Heat Output:** 33,000 BTUs
- **Heating Coverage:** Up to 1,100 sq ft
- **Product Dimensions:** 13.5"D x 24"W x 12.25"H
- **Log Size:** 24 inch
- **Material:** Concrete / Ceramic Fiber
- **Installation Type:** Freestanding
- **Ventilation Type:** Vent Free
- **Special Feature:** Adjustable Thermostat, Remote Control
- **Item Weight:** 33 Pounds
- **Manufacturer:** GHP Group, Inc.

8. WARRANTY AND SUPPORT

This Pleasant Hearth gas log set comes with a **2-Year Limited Warranty**. For warranty claims, technical support, or replacement parts, please contact GHP Group, Inc., the manufacturer. Retain your proof of purchase for warranty service.

Manufacturer: GHP Group, Inc.

For further assistance, refer to the complete user manual included with your product or visit the official Pleasant Hearth website.