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Hearth Sense VFL18M

HearthSense VFL18M Dual Fuel Ventless Fireplace Logs Set

Instruction Manual

Model: VFL18M

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your HearthSense VFL18M Dual Fuel Ventless Fireplace Logs Set. This unit is designed to provide supplemental heat and ambiance, operating on either natural gas or liquid propane. Please read all instructions carefully before beginning installation or operation.

IMPORTANT SAFETY INFORMATION

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

- This appliance is for use with Natural Gas or Liquid Propane only. Ensure the correct fuel type is used as per the unit's configuration.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- The unit features a 100% carbon monoxide and oxygen depletion safe design, including a safety pilot light and Oxygen Depletion Sensor (ODS) which immediately shuts down the unit if carbon monoxide or lack of oxygen is detected.
- Ensure adequate ventilation as required for vent-free appliances.
- If operating as a vented product, the chimney flue damper must always be open, and the included damper clamp must be installed to ensure vented operation.
- Keep children and pets away from the hot surface of the logs during operation.

SETUP AND INSTALLATION

Minimum Firebox Requirements

The HearthSense VFL18M requires a minimum firebox size of:

Height: 20 inches (50.8 cm)

Width (front): 29 inches (73.66 cm)

Width (rear): 23 inches (58.42 cm)

Depth: 13 inches (33.02 cm)

MEASUREMENTS

12.75 in
Height



12.5 in
Depth



19 in Length



Minimum Firebox Required:
20"H x 29"W front (23"W rear) x 13"D

Figure 1: Product Dimensions and Minimum Firebox Requirements. This image illustrates the physical dimensions of the log set, including its height, length, and depth, alongside the necessary minimum firebox dimensions for proper installation.

Included Components

Your package should contain the following items:

- 7 Hand-Painted Ceramic Logs
- 1 AAA Battery (for ignition)
- Hardware Pack
- Iron Grate and U-Burner Chassis

INCLUDES EVERYTHING YOU NEED!



Gas Burner



Hand-Painted Logs



Manual Control



Oxygen Depletion Sensor



Hardware Pack



Figure 2: Included Components. This image visually lists and depicts the main parts that come with the HearthSense VFL18M log set, ensuring all necessary items are present for assembly.

Fuel Type Configuration

The patented dual fuel burner allows operation on either natural gas (NG) or liquid propane (LP). The item ships from the manufacturer pre-set for liquid propane. For natural gas operation, please follow the simple steps listed in the instruction manual provided with the product. It is crucial to ensure the unit is configured for the correct fuel type before connecting to a gas supply.

Log Placement

Carefully place the hand-painted ceramic logs onto the burner chassis according to the diagram in the full product manual. Proper log placement is essential for optimal flame appearance and safe operation.

NATURAL APPEARANCE

Long-lasting hand-painted logs provide a realistic look in your fireplace



7 Hand-Painted Logs



Solid Steel Grate



Figure 3: Natural Appearance and Log Placement. This image demonstrates the realistic look of the hand-painted logs when installed, along with details of the solid steel grate, emphasizing the aesthetic quality and proper setup.

OPERATING INSTRUCTIONS

Ignition

The unit features a battery-assisted Piezo ignition system. To ignite, ensure the AAA battery is correctly installed. Follow the specific ignition sequence detailed in the full product manual, typically involving turning the control knob to the pilot position, pressing, and then pressing the igniter button until the pilot flame is established.

Manual Control

The 18-inch gas log set is equipped with manual controls, allowing you to adjust the heat output. Once the pilot is lit, turn the control knob to the 'Low' or 'High' setting to achieve your desired heat level. The unit provides 30,000 BTU of heat, capable of heating up to 1,000 sq. ft.

MANUAL CONTROL



High-Low Heat
Settings

Electronic Piezo
Ignition - Requires 1
AAA Battery-Included!

Figure 4: Manual Control and Ignition. This image provides a detailed view of the control knob, illustrating the high-low heat settings and the electronic Piezo ignition mechanism, which requires a single AAA battery.

Vent-Free vs. Vented Operation

This vent-free product can also be used as a vented product. To operate as a vented product, you must always operate the log set with the chimney flue damper open. You must install the damper clamp (included) to ensure continuous vented operation.



EASILY HEAT A LARGE AREA

Ventless design on the 30,000 BTU burner eliminates the need for an outside duct or chimney to heat up to 1,000 square feet using either natural gas or liquid propane



Figure 5: Heating Capability. This image emphasizes the efficiency of the ventless design, capable of heating up to 1,000 square feet, and its dual fuel capability.

MAINTENANCE

Regular maintenance is crucial for the safe and efficient operation of your fireplace log set. While specific detailed maintenance steps are not provided in this summary, general guidelines include:

- Periodically inspect the logs for any damage or discoloration.
- Ensure the burner ports are clear of debris.
- Check gas connections for leaks using a non-corrosive leak detection solution.
- Clean the exterior surfaces with a soft, damp cloth when the unit is cool.

For detailed maintenance procedures, including pilot light cleaning and log rearrangement, please refer to the comprehensive instruction manual that came with your product or contact HearthSense customer support.

TROUBLESHOOTING

This section provides general guidance for common issues. For specific troubleshooting steps and solutions, always consult the detailed troubleshooting guide in your product's full instruction manual.

Common Issues:

- **Pilot Light Not Lighting:** Check battery, ensure gas supply is on, and verify proper ignition sequence.
- **Main Burner Not Igniting:** Ensure pilot light is lit and control knob is turned to an 'On' position.
- **Unusual Odor:** Turn off gas supply immediately and ventilate the area. Do not operate until the source of the odor is identified and corrected by a qualified technician.
- **Unit Shuts Off Unexpectedly:** The Oxygen Depletion Sensor (ODS) may have activated due to low oxygen levels. Ensure adequate ventilation.

If you encounter persistent issues or are unsure about any troubleshooting step, contact a qualified service technician or HearthSense customer support.

SPECIFICATIONS

Attribute	Detail
Brand	Hearth Sense
Model Name	Dual Fuel (VFL18M)
Power Source	Gas Powered (Natural Gas or Liquid Propane)
Heat Output	30,000 British Thermal Units (BTU)
Heating Coverage	Up to 1,000 sq. ft.
Product Dimensions (D x W x H)	13"D x 29"W x 20"H
Material	Ceramic Logs
Finish Type	Painted
Installation Type	Freestanding
Special Feature	Manual Control, Oxygen Depletion Sensor (ODS)
Ventilation Type	Vent Free (can be used as vented)
Item Weight	41.7 pounds
UPC	848660005474

WARRANTY INFORMATION

The HearthSense VFL18M Dual Fuel Ventless Fireplace Logs Set comes with a **Limited Warranty**. For specific terms, conditions, and duration of the warranty, please refer to the warranty card included with your product or contact HearthSense customer service. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact HearthSense customer service. Refer to the contact information provided in your product packaging or on the official HearthSense website.

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This manual is for informational purposes only. Always refer to the physical manual included with your product for complete and up-to-date instructions.

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