Hearth Sense VFL24T

Hearth Sense VFL24T Dual Fuel Ventless Fireplace Logs Set with Thermostat

Model: VFL24T | **Brand:** Hearth Sense

Introduction

This manual provides essential information for the safe and efficient operation of your Hearth Sense VFL24T Dual Fuel Ventless Fireplace Logs Set. This 24-inch, 32,000 BTU log set is designed for use with either Natural Gas or Liquid Propane and features a thermostat control for maintaining a comfortable room temperature. Please read all instructions carefully before installation and use.

Important Safety Information

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.

- This appliance is for vent-free operation. If used as a vented product, the chimney flue damper must always be open, and the included damper clamp must be installed.
- Ensure adequate ventilation. Do not obstruct the flow of combustion and ventilation air.
- Equipped with a safety pilot light and an Oxygen Depletion Sensor (ODS) system, which automatically shuts down the unit if carbon monoxide is detected or oxygen levels become too low.
- Do not place clothing or other flammable materials on or near the appliance.
- Keep children and pets away from the appliance when in operation.
- Only use the type of gas specified for this appliance (Natural Gas or Liquid Propane).

Package Contents

Verify that all items are present and undamaged before proceeding with installation.

- 7 Hand-Painted Ceramic Logs
- Iron Grate and U-Burner Chassis

- 1 AAA Battery (for Piezo ignition)
- Hardware Pack (including damper clamp)



Figure 1: All components included with the Hearth Sense VFL24T log set.

Specifications

Feature	Detail
Brand	Hearth Sense
Model Number	VFL24T
Product Dimensions (D x W x H)	12"D x 24"W x 15"H
Item Weight	20.46 Kilograms (45 pounds)
Heat Output	32,000 British Thermal Units (BTU)
Heating Area	Up to 1100 sq. ft.
Ventilation Type	Vent Free (can be used as vented)
Fuel Type	Natural Gas or Liquid Propane (Dual Fuel)

Efficiency	99.9%
Assembly Required	Yes
Control Type	Thermostat Control

Setup and Installation

Professional installation is recommended for gas appliances. Ensure your firebox meets the minimum size requirements before installation.

- **Minimum Firebox Size:** 20” H x 30” W in front (24” W at rear) x 14” D.
- **Fuel Type Conversion:** The unit ships pre-set for Liquid Propane. Refer to the detailed instructions in the full product manual for converting to Natural Gas operation if needed.
- **Log Placement:** Carefully arrange the 7 hand-painted ceramic logs on the iron grate and U-burner chassis as per the diagram in the full manual to ensure proper flame distribution and safety.
- **Vented Operation:** If operating as a vented product, the chimney flue damper must always be open. Install the provided damper clamp to ensure this.

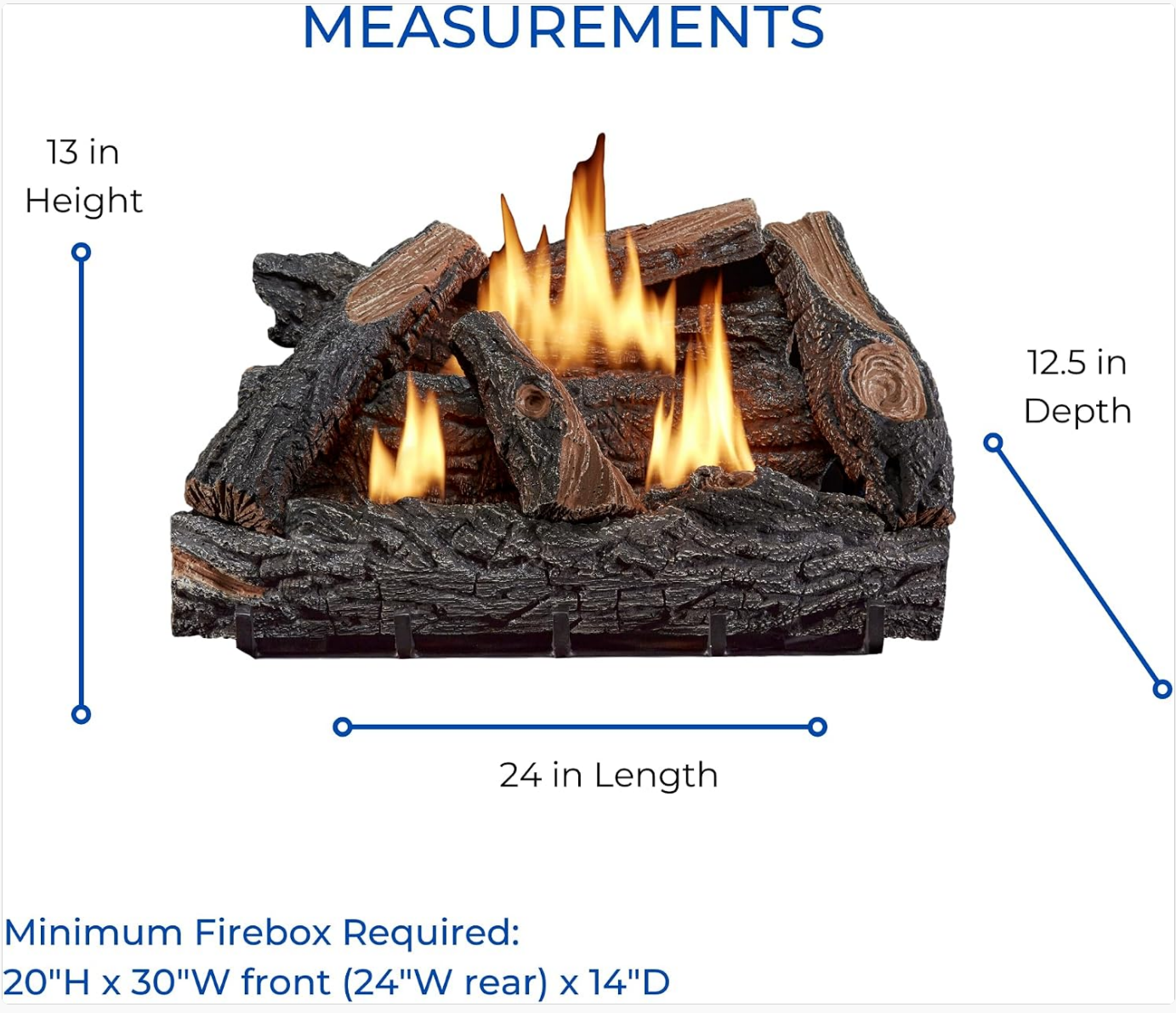


Figure 2: Product dimensions and minimum firebox requirements.



Figure 3: Side view of the log set and burner assembly.

Operating Instructions

1. **Ignition:** This log set features battery-assisted Piezo ignition. Ensure the AAA battery is correctly installed. Follow the specific ignition sequence detailed in your full product manual, typically involving turning the control knob to the pilot position, pressing it in, and then pressing the ignitor button.
2. **Thermostat Control:** The integrated thermostat allows you to set a desired room temperature. The system will automatically cycle the burner on and off to maintain this setting. Adjust the thermostat knob to your preferred heat level. The unit offers 5 thermostatic heat settings.
3. **Shutting Down:** To turn off the appliance, turn the control knob to the "OFF" position.

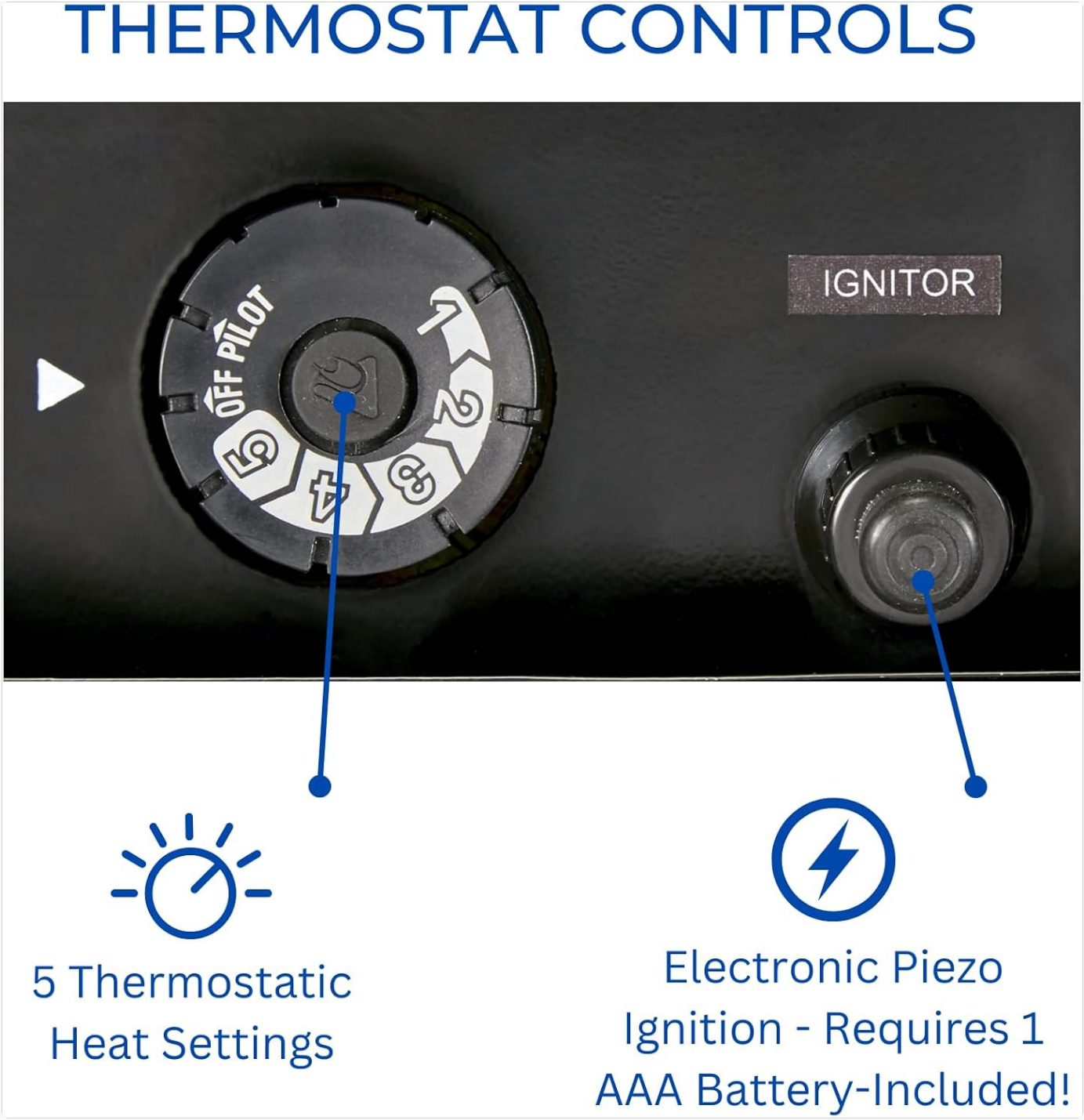


Figure 4: Thermostat control and Piezo ignition.

Your browser does not support the video tag.

Video 1: Demonstration of the HearthSense Ventless Dual Fuel Gas Log Set (Model VFL24T) in operation, showcasing the flames and overall appearance.

Maintenance

Regular maintenance ensures safe and efficient operation. 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 and debris. Use a soft brush or vacuum. Do not use abrasive cleaners.
- **Pilot Light and ODS Sensor:** Inspect the pilot light and ODS sensor for any blockages or damage. Keep these components clean.

- **Gas Connections:** Annually check all gas connections for leaks using a soap solution. Never use an open flame to check for leaks.
- **Professional Inspection:** It is recommended to have a qualified service technician inspect the appliance annually.

Troubleshooting

If you experience issues with your log set, consult the troubleshooting section in your full product manual. Common issues and their potential solutions include:

- **Pilot light won't stay lit:** Check gas supply, ensure ODS sensor is clean, and verify proper log placement.
- **Main burner won't ignite:** Ensure pilot light is lit, check thermostat setting, and verify gas flow.
- **Unusual odors:** Turn off the unit immediately and contact a qualified technician or gas supplier.

Warranty and Support

For warranty information, technical support, or to order replacement parts, please refer to the contact information provided in your original product packaging or visit the Hearth Sense official website. Keep your proof of purchase for warranty claims.

Product Overview



Figure 5: The Hearth Sense VFL24T log set efficiently heats large areas up to 1100 sq. ft.

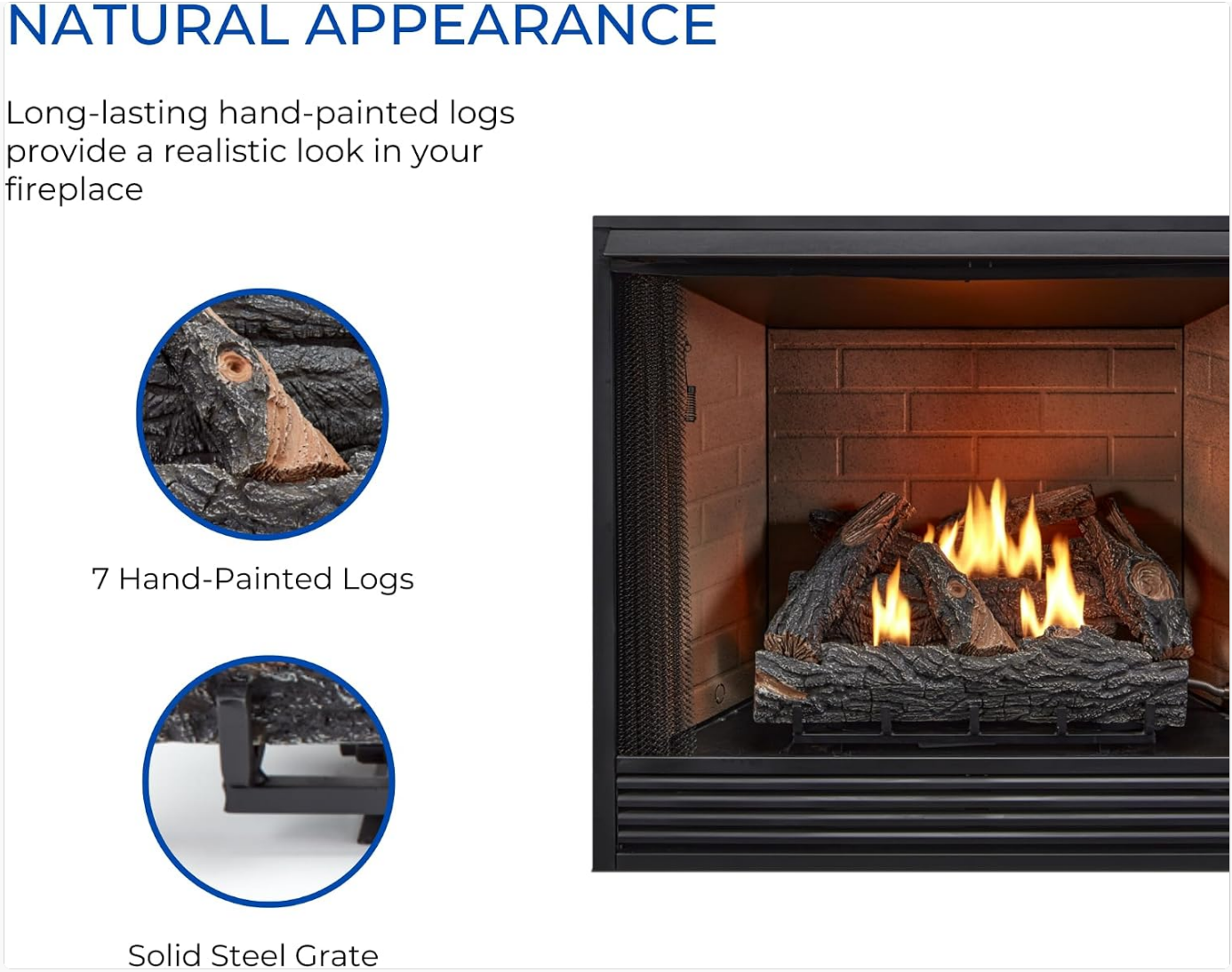


Figure 6: Realistic hand-painted logs provide a natural aesthetic.



Figure 7: The log set enhances the ambiance of any room.

© 2023 Hearth Sense. All rights reserved.
This manual is for informational purposes only. Always consult a qualified professional for installation and service.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question