

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Duluth Forge](#) /

› [Duluth Forge DLS-L24T-1 Ventless Liquid Propane Gas Log Set User Manual](#)

Duluth Forge DLS-L24T-1

Duluth Forge DLS-L24T-1 Ventless Liquid Propane Gas Log Set User Manual

Model: DLS-L24T-1 | Brand: Duluth Forge

INTRODUCTION

This manual provides comprehensive instructions for the safe installation, operation, and maintenance of your Duluth Forge DLS-L24T-1 Ventless Liquid Propane Gas Log Set. Please read this manual thoroughly before installation and use, and retain it for future reference. This unit is designed to provide supplemental heat and aesthetic ambiance for indoor use only.

SAFETY INFORMATION

Your safety and the safety of others are paramount. Always adhere to the following safety guidelines:

- This appliance is for indoor use only. Do not install or operate outdoors.
- Installation must be performed by a qualified installer, service agency, or gas supplier.
- Ensure the unit is installed in a masonry or agency-approved firebox.
- Minimum Firebox Size Required: 20 inches (H) x 28 inches (W) in front (23 inches W at rear) x 15 inches (D).
- This unit is 99.9% efficient and does not require an outside duct or chimney.
- Equipped with a SAFETY PILOT O.D.S. (Oxygen Depletion Sensor) which automatically shuts off the unit if oxygen levels become too low.
- Do not obstruct the flow of combustion and ventilation air.
- Keep combustible materials, gasoline, and other flammable vapors and liquids away from the appliance.
- Never leave a burning appliance unattended.
- Refer to local codes and regulations for specific installation requirements.
- **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, visit

PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- U-Burner Chassis: 1 unit
- Hand Painted Ceramic Logs: 9 pieces
- Bag of Embers: 1 bag
- Hardware Pack: 1 pack
- User Manual: 1 copy
- AAA Battery: 1 (for Piezo ignition)

SETUP AND INSTALLATION

Installation should only be performed by a qualified professional. Ensure all local codes are followed.

1. **Prepare the Firebox:** Ensure your firebox meets the minimum dimensions (20" H x 28" W front / 23" W rear x 15" D) and is approved for ventless gas log installation.
2. **Position the Burner Chassis:** Carefully place the U-Burner chassis within the firebox. Ensure it is level and centered.
3. **Connect Gas Line:** A qualified technician must connect the liquid propane gas supply line to the burner chassis. Verify all connections are secure and leak-free.
4. **Install Logs:** Arrange the 9 hand-painted ceramic logs onto the burner chassis according to the log placement diagram (refer to specific diagrams in the physical manual, if available). Proper log placement is crucial for safe and efficient operation.
5. **Apply Embers:** Distribute the glowing ember material over the burner and around the base of the logs to enhance the realistic fire effect.
6. **Insert Battery:** Install the provided AAA battery into the Piezo ignition system.



Image: Duluth Forge Ventless Liquid Propane Gas Log Set installed within a decorative white fireplace mantel, showcasing the realistic log arrangement and flame appearance.

OPERATING INSTRUCTIONS

Follow these steps to operate your gas log set:

1. **Before Lighting:** Ensure the gas supply valve is open. Check for any obstructions around the unit.
2. **Lighting the Pilot:** Follow the instructions on the control knob to ignite the pilot light. This typically involves pressing and holding the knob while pressing the igniter button.
3. **Igniting the Main Burner:** Once the pilot is lit, turn the control knob to the "ON" position. The main burner will ignite, producing flames and heat.
4. **Thermostatic Control:** The unit features thermostatic control. Set the desired room temperature using the thermostat dial. The burner will automatically cycle on and off to maintain this temperature.
5. **Shutting Off:** To turn off the main burner, turn the control knob to the "PILOT" position. To completely shut off the unit, turn the control knob to the "OFF" position and close the main gas supply valve.



Image: Close-up view of the Duluth Forge Ventless Liquid Propane Gas Log Set in operation, displaying vibrant flames and glowing embers over the ceramic logs.

MAINTENANCE

Regular maintenance ensures 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:** Ensure the unit is completely cool before cleaning. Use a soft, dry cloth to wipe down the exterior surfaces. Do not use abrasive cleaners.
- **Log Cleaning:** Gently brush off any dust or soot from the ceramic logs. Handle logs carefully as they can be fragile.
- **Pilot and Burner Ports:** Periodically check that the pilot and burner ports are free from dust, lint, or debris. Clean with a soft brush if necessary.
- **Battery Replacement:** Replace the AAA battery for the Piezo ignition as needed, typically annually or when ignition becomes unreliable.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Pilot light will not light or stay lit.	No gas supply, obstructed pilot orifice, faulty thermocouple, low oxygen (ODS activated).	Check gas supply valve. Clean pilot orifice. Contact technician for thermocouple or ODS issues. Ensure adequate ventilation.
Main burner does not ignite.	Pilot light not lit, control knob not in "ON" position, obstructed burner ports.	Ensure pilot is lit. Turn control knob to "ON". Clean burner ports.
Unit produces an unusual odor.	New unit "burn-in" odor, dust accumulation, gas leak.	Initial odors are normal for new units. Clean unit if dusty. If gas odor persists, immediately shut off gas and ventilate area, then contact gas supplier.
Flames are yellow or sooty.	Improper log placement, obstructed burner ports, incorrect gas pressure.	Verify log placement. Clean burner ports. Contact technician to check gas pressure.

SPECIFICATIONS

Model: DLS-L24T-1

Brand: Duluth Forge

Fuel Type: Liquid Propane

Heat Output: 33,000 BTU

Heating Area: Up to 1,300 sq. ft.

Efficiency: 99.9% Vent-Free

Control Type: Thermostatic

Ignition: Battery Assisted Piezo (1 AAA battery included)

Safety Features: Oxygen Depletion Sensor (ODS) with automatic shut-off

Material: Ceramic logs, Metal chassis

Product Dimensions: 24"D x 12.5"W x 11.5"H

Item Weight: 50 Pounds

Certifications: ANSI Certified System, PFS Approved

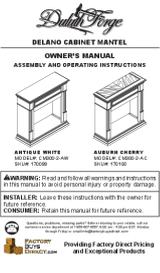
UPC: 815192024570

WARRANTY AND SUPPORT

This Duluth Forge gas log set comes with a **Limited Warranty**. Please refer to the warranty card included in your hardware pack for specific terms and conditions, including coverage duration and claim procedures. For technical assistance, replacement parts, or warranty inquiries, please contact Duluth Forge customer support. Contact information can typically be found on the product packaging or the official Duluth Forge website.

When contacting support, please have your model number (DLS-L24T-1) and purchase date readily available.

Related Documents - DLS-L24T-1

	<p>Duluth Forge FDLR24/30-1 Dual Fuel Vent-Free Gas Log Chassis Owner's Operation and Installation Manual</p> <p>This comprehensive manual provides detailed instructions for the operation and installation of the Duluth Forge FDLR24/30-1 Dual Fuel Vent-Free Gas Log Chassis. It covers safety precautions, specifications, installation procedures, operating instructions, troubleshooting, parts replacement, and warranty information.</p>
	<p>Duluth Forge Vented Natural Gas Log Installation Instructions</p> <p>Comprehensive installation guide for Duluth Forge vented natural gas log sets, models FNL18L103B, FN24L103B, and FN30L103B. Covers safety, log placement, operation, curing, and parts. Approved to ANSI Z21.11.2 and Z21.60 standards.</p>
	<p>Duluth Forge FDLR24/30-1 Vent-Free Gas Log Chassis Owner's Operation and Installation Manual</p> <p>Comprehensive guide for the Duluth Forge FDLR24/30-1 Vent-Free Gas Log Chassis, covering installation, operation, safety, maintenance, and troubleshooting for natural and propane gas. Includes detailed instructions and warnings.</p>
	<p>Duluth Forge FDLR18-1 Vent-Free Gas Log Chassis Owner's Operation and Installation Manual</p> <p>Comprehensive guide for the Duluth Forge FDLR18-1 Vent-Free Gas Log Chassis, covering safety, specifications, installation, operation, maintenance, and troubleshooting.</p>
	<p>Duluth Forge Delano Cabinet Mantel Owner's Manual & Assembly Instructions</p> <p>Owner's manual and assembly instructions for the Duluth Forge Delano Cabinet Mantel. Includes product details, safety warnings, step-by-step assembly guide, hardware and component lists, and warranty information for models CM300-2-AW and CM300-2-AC. Features two finishes: Antique White and Auburn Cherry.</p>



AMHERST CABINET MANTEL
OWNER'S MANUAL
ASSEMBLY AND OPERATING INSTRUCTIONS



ARTISAN WHITE
ITEM# AM-1500-1-WH
ITEM# AM-1500-2-WH

WILLOW PARKER
ITEM# AM-1500-1-WL
ITEM# AM-1500-2-WL

WARNING: Read and follow all warnings and instructions. **AVOID** contact with sharp edges and protrusions. **INSTALLER:** Leave these instructions with the owner for future reference.
CONSUMER: Retain this manual for future reference.

FACTORY BUYS DIRECT
Providing Factory Direct Pricing and Exceptional Products

[Amherst Cabinet Mantel Owner's Manual: Assembly and Operating Instructions](#)

Owner's manual and assembly instructions for the Duluth Forge Amherst Cabinet Mantel, including warranty information and contact details for Factory Buys Direct.