Duluth Forge DLS-30R-2-AZ

Duluth Forge DLS-30R-2 Dual Fuel Ventless Fireplace Logs Set

User Manual

1. Product Overview

The Duluth Forge DLS-30R-2 is a 30-inch Dual Fuel Ventless Fireplace Logs Set designed for use with either Natural Gas or Liquid Propane. This unit provides 33,000 BTU of heat, capable of warming areas up to 1,300 square feet, without the need for an outside duct or chimney. It features hand-painted ceramic logs that mimic a stacked red oak appearance and includes a remote control for convenient operation.



Image 1.1: The Duluth Forge DLS-30R-2 Dual Fuel Ventless Fireplace Logs Set in operation, displaying realistic flames and glowing embers.

Key Features:

- **Ventless Dual Fuel Technology:** Operates on Natural Gas or Liquid Propane, offering flexibility in fuel choice.
- **High Heat Output:** Delivers 33,000 BTU, heating up to 1,300 sq. ft. efficiently.
- **Realistic Appearance:** Features 8 hand-painted ceramic logs and a glowing ember bed for a natural look.
- **Remote Control:** Includes a remote for turning the burner on/off and adjusting temperature settings.
- **Safety Assurance:** Equipped with an Oxygen Depletion Sensor (ODS) and automatic shut-off.

2. Important Safety Information

Read and understand all instructions in this manual before installing, operating, or servicing this appliance. Failure to follow these instructions may result in fire, explosion, property damage, personal injury, or loss of life. This appliance must be installed by a qualified installer or service agency.

- **Ventilation:** This is a ventless appliance. Ensure adequate room ventilation as specified in the full installation

manual.

- **Clearances:** Maintain minimum clearances to combustibles as outlined in the installation instructions.
- **Fuel Type:** Verify the appliance is configured for the correct fuel type (Natural Gas or Liquid Propane) before connection.
- **Carbon Monoxide:** Install a carbon monoxide detector in the same room as the appliance.
- **Children and Pets:** Keep children and pets away from the hot surface of the appliance.
- **Flammable Materials:** Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **Modifications:** Do not modify this appliance. Any modification may be dangerous and will void the warranty.

3. Setup and Installation

Proper installation is crucial for the safe and efficient operation of your fireplace logs set. It is recommended that installation be performed by a qualified professional.

3.1 Pre-Installation Checks:

- Ensure your firebox meets the minimum size requirements: 20" H x 34" W in front (23" W at rear) x 15" D.
- Confirm the availability of the correct gas supply (Natural Gas or Liquid Propane) and pressure.
- Unpack all components and verify against the packing list.

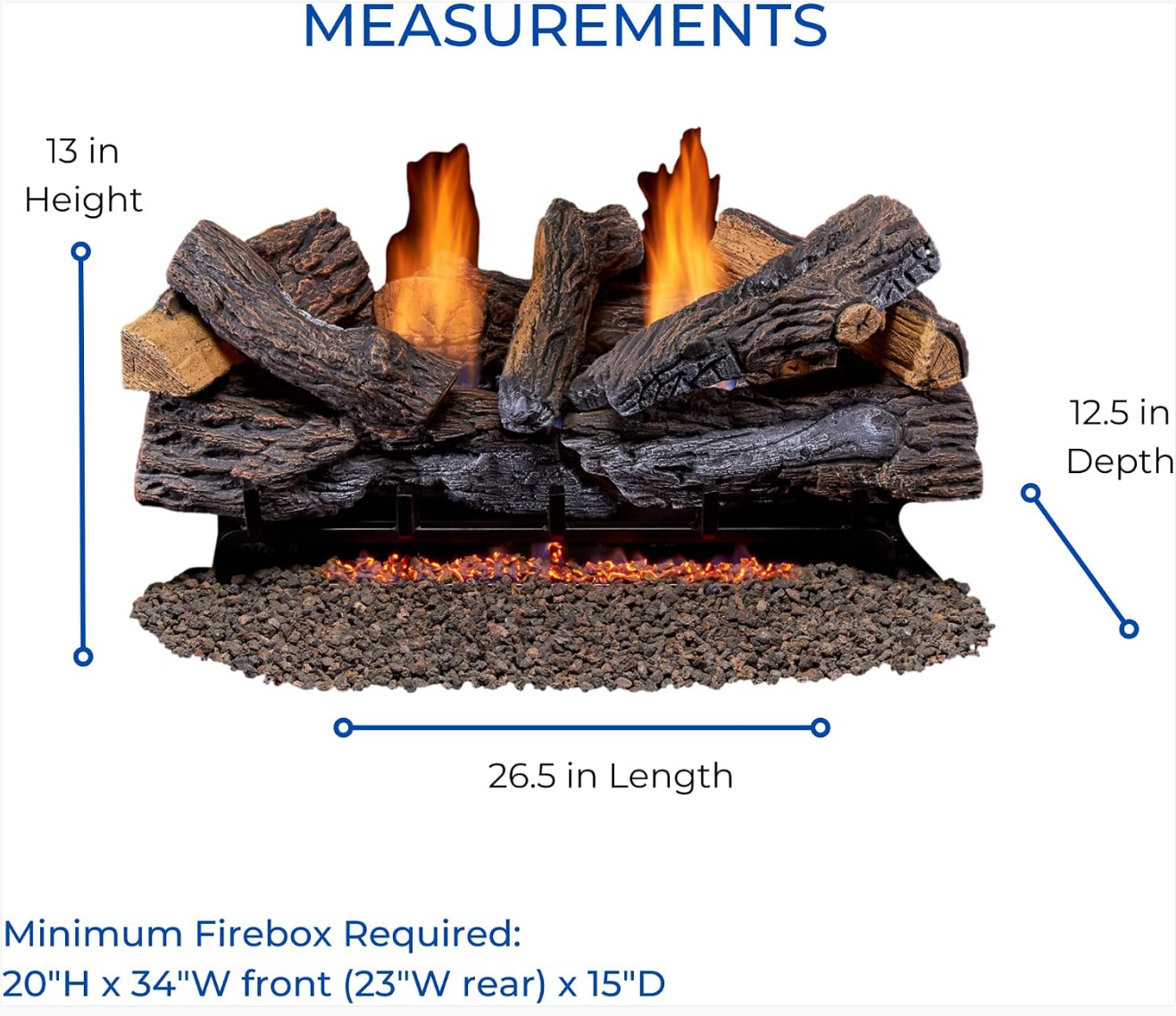


Image 3.1: Dimensional diagram of the log set, indicating a height of 13 inches, depth of 12.5 inches, and length of 26.5 inches,

along with minimum firebox requirements.

3.2 Included Components:

The package includes the following items:

- Gas Burner Chassis
- 8 Hand-Painted Ceramic Logs
- Bag of Embers
- Remote Control
- Receiver Box
- AA & AAA Batteries (for remote and receiver)
- Hardware Pack
- Damper Clamp



Image 3.2: A visual representation of the main components: gas burner, logs and embers, remote control, Oxygen Depletion Sensor (ODS), and hardware pack.

3.3 Log Placement:

Carefully place the ceramic logs onto the burner chassis according to the detailed diagrams in the full installation manual. Proper log placement is essential for optimal flame appearance and safe operation. Avoid blocking the pilot light or any air openings.



Image 3.3: Detailed view highlighting the 8 hand-painted logs and the bag of embers, contributing to the natural appearance of the fire.

3.4 Gas Connection:

Connect the gas supply line to the appliance's inlet. Ensure all connections are tight and leak-free. Use a non-corrosive leak detection solution to check for leaks. The appliance is designed for either Natural Gas or Liquid Propane; ensure the correct conversion kit is used if changing fuel types.

4. Operating Instructions

This log set features a remote control for convenient operation. Ensure batteries are correctly installed in both the remote and the receiver box.

4.1 Initial Lighting (Pilot Light):

1. Turn the main gas supply valve to the "ON" position.
2. Locate the control knob on the appliance. Push in and turn the knob to the "PILOT" position.
3. While holding the knob in, press the igniter button repeatedly until the pilot flame lights.
4. Continue to hold the control knob in for approximately 30-60 seconds after the pilot lights to allow the thermocouple to heat up. Release the knob; the pilot should remain lit. If it extinguishes, repeat the process.

4.2 Using the Remote Control:

The remote control allows you to turn the main burner on and off and adjust the temperature setting.



Image 4.1: The remote control unit, displaying an LCD screen with temperature and buttons for ON, OFF, MODE, and SET.

- **Power On/Off:** Press the "ON" button to ignite the main burner. Press the "OFF" button to turn off the main burner, leaving the pilot light active.
- **Temperature Control:** Use the "MODE" and "SET" buttons to cycle through thermostat modes and adjust the desired temperature. The LCD screen displays the current room temperature and set temperature.
- **Manual Flame Adjustment:** The remote allows for manual flame adjustment. Refer to the full manual for specific instructions on this feature.

Note: If the remote sensor is not connected or has dead batteries, the unit may not light or operate correctly. Ensure fresh batteries are used.



Image 4.2: A closer view of the remote control, showing the digital display and control buttons for operation.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your Duluth Forge fireplace logs set. Always turn off the appliance and allow it to cool completely before performing any maintenance.

5.1 Cleaning:

- **Logs:** Gently brush off any dust or soot from the ceramic logs using a soft brush. Do not use abrasive cleaners or water, as this can damage the logs.
- **Burner and Pilot:** Keep the burner ports and pilot assembly free of dust, lint, and debris. Use a vacuum cleaner with a brush attachment or compressed air.
- **Exterior:** Wipe the exterior surfaces with a damp cloth.

5.2 Annual Inspection:

It is recommended to have a qualified service technician inspect your appliance annually. This inspection should include:

- Checking gas connections and lines for leaks.
- Inspecting the burner and pilot assembly for proper operation and cleanliness.
- Verifying the integrity of the ceramic logs.
- Testing the Oxygen Depletion Sensor (ODS) and other safety devices.

6. Troubleshooting

If you encounter issues with your fireplace logs set, refer to the following common troubleshooting steps. For complex problems, contact a qualified service technician.

6.1 Pilot Light Issues:

- **Pilot will not light:**
  - Ensure gas supply is on.
  - Check for obstructions in the pilot opening.
  - Verify igniter is sparking.
  - Ensure control knob is held in long enough after lighting.
- **Pilot lights but will not stay lit:**
  - Ensure control knob is held in for the recommended time (30-60 seconds).
  - Clean the pilot assembly and thermocouple.
  - Check for proper gas pressure.

6.2 Main Burner Issues:

- **Main burner will not light:**
  - Ensure pilot light is lit.
  - Check remote control batteries and ensure the receiver is properly connected and powered.
  - Verify the remote is set to "ON" or a temperature above the current room temperature in thermostat mode.
- **Main burner turns off unexpectedly:**
  - This could indicate the Oxygen Depletion Sensor (ODS) has activated due to low oxygen. Ensure adequate ventilation.
  - Check for proper gas pressure.
  - Verify remote control batteries are not low.

6.3 Remote Control Issues:

- **Remote not responding:**
  - Replace batteries in both the remote and the receiver.
  - Ensure the remote and receiver are within range and not obstructed.
  - Re-pair the remote with the receiver if necessary (refer to the full manual for pairing instructions).

7. Specifications

Feature	Specification

Brand	Duluth Forge
Model Name	Dual Fuel (DLS-30R-2-AZ)
Power Source	Fuel Powered (Natural Gas or Liquid Propane)
Heat Output	33,000 British Thermal Units
Heating Coverage	Up to 1,300 sq ft
Product Dimensions (D x W x H)	26.5" x 14.5" x 20"
Minimum Firebox Size Required	20" H x 34" W in front (23" W at rear) x 15" D
Material	Wood (Ceramic Logs), Metal (Chassis)
Finish Type	Powder Coated
Installation Type	Freestanding
Ventilation Type	Vent Free
Included Components	Remote Control, Logs, Burner, Embers, Batteries, Hardware Pack
Item Weight	55.9 pounds
UPC	815192023993

8. Warranty Information

This Duluth Forge fireplace logs set comes with a Limited Warranty. Specific terms and conditions of the warranty, including coverage duration and what is covered, are detailed in the complete warranty statement provided with your product. Please refer to the official documentation for full warranty details and registration information.

9. Customer Support

For technical assistance, replacement parts, or further inquiries regarding your Duluth Forge DLS-30R-2 Dual Fuel Ventless Fireplace Logs Set, please refer to the contact information provided in your official product manual or visit the Duluth Forge website. Always provide your model number (DLS-30R-2-AZ) when contacting support.

You can also find additional resources and information on theDuluth Forge Store on Amazon.

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