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Duluth Forge FDI32R

Duluth Forge FDI32R Dual Fuel Ventless Gas Fireplace Insert

INSTRUCTION MANUAL

Model: FDI32R | Brand: Duluth Forge

Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Duluth Forge FDI32R Dual Fuel Ventless Gas Fireplace Insert. This unit is designed to operate on either Natural Gas or Liquid Propane, delivering up to 32,000 BTU to heat areas up to 1,500 square feet without the need for an outside duct or chimney.

Key features include remote control functionality for on/off and temperature control, 9 realistic hand-painted ceramic fiber logs, and an Oxygen Depletion Sensor (ODS) for enhanced safety. Please read all instructions carefully before installation and use.



The Duluth Forge FDI32R Fireplace Insert provides warmth and ambiance to your living space.

Important Safety Information

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. 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.
- Always ensure adequate ventilation. Do not obstruct air openings.
- The Oxygen Depletion Sensor (ODS) is a safety device designed to shut off the appliance if oxygen levels in the room fall below a safe threshold. Do not bypass or tamper with the ODS.
- Maintain a minimum clearance of 42 inches from the top of the fireplace to the ceiling.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other

reproductive harm. For more information, visit www.P65Warnings.ca.gov.

- **CAUTION: HOT WHILE IN OPERATION. DO NOT TOUCH. KEEP CHILDREN, CLOTHING, FURNITURE, GASOLINE AND OTHER LIQUIDS HAVING FLAMMABLE VAPORS AWAY.**



The product is certified by PFS US for safety standards.

Setup and Installation

The Duluth Forge FDI32R is a zero-clearance fireplace insert, meaning it can be framed without additional air gaps or spacing on the sides and top. It can be paired with a face mantel or recessed directly into a wall.

Components Included:

- Fireplace Insert Unit
- 9 Ceramic Fiber Logs
- Iron Grate
- Remote Control & Receiver
- 1 AAA Battery

WHAT'S INCLUDED



Oxygen Depletion Sensor



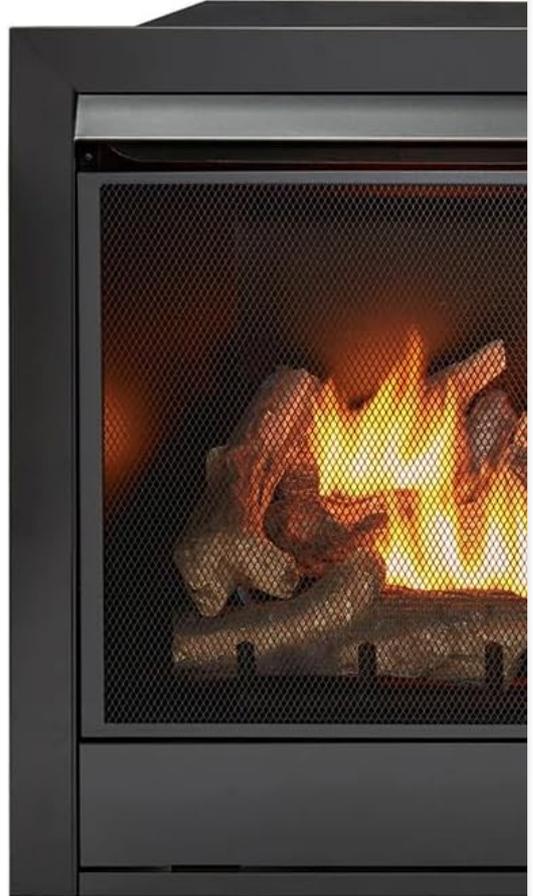
Minimal Assembly



Safety Mesh Guard



Hand-Painted Logs



Included components for your fireplace insert.

Log Placement:

Carefully place the 9 hand-painted ceramic fiber logs onto the grate as per the diagram in the full product manual. Proper log placement is crucial for optimal flame appearance and safe operation. Ensure logs do not obstruct the pilot light or burner ports.

ELEGANT CONSTRUCTION

This fireplace insert includes stylish screen doors and a dual burner which produces generous flames and a stunning home experience.



9 Piece Hand Painted
Ceramic Gas Log Set

The elegant construction features a 9-piece hand-painted ceramic gas log set.

Fuel Connection:

This unit features patented Dual Fuel Technology, allowing operation with either Natural Gas or Liquid Propane. Ensure the correct fuel type is connected and all gas connections are sealed and leak-tested by a qualified professional. The unit is 99.9% efficient, requiring no external venting.

DEPENDABLE SOURCE OF HEAT!



32,000 BTU/HR



Works on Propane
or Natural Gas



No Electricity Required



No Venting Required



The fireplace insert is a dependable source of heat, operating on dual fuel without electricity or venting.

Video: Installation & Operation Overview

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This video provides a general overview of a ventless gas fireplace insert, including aspects of its installation and operation.

Operating Instructions

Ignition:

The unit features battery-assisted Piezo ignition. To light the pilot, follow the instructions on the control knob located at the base of the unit. Once the pilot is lit, the main burner can be activated.

Remote Control:

The included remote control allows for convenient operation. It features On/Off buttons and temperature control. The remote acts as a thermostat, allowing you to set a desired room temperature. The fireplace will automatically turn on or off to maintain this setting.

- **ON/OFF:** Press the 'ON' button to ignite the flames. Press 'OFF' to extinguish.
- **MODE:** Use the 'MODE' button to switch between manual and thermostat modes.
- **SET:** In thermostat mode, use the 'SET' button to adjust the desired temperature.

CONVENIENT REMOTE CONTROL



Included remote control makes it easy to control the environment from anywhere in the room!



Turn on and off



Temperature Control

The convenient remote control allows for easy temperature and on/off management.

Video: Remote Control Usage

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This video demonstrates how to use the remote control for the gas fireplace insert, including setting the thermostat.

Maintenance

Regular maintenance ensures the longevity and safe operation of your fireplace insert. Always turn off the gas supply and allow the unit to cool completely before performing any maintenance.

Cleaning:

- Wipe exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners.
- Periodically inspect the ceramic logs for any damage or soot buildup. Clean gently with a soft brush if necessary.
- Ensure the air intake and exhaust vents are clear of obstructions.

Annual Inspection:

It is recommended to have a qualified service technician inspect your fireplace insert annually to ensure all components are functioning correctly and safely.

Troubleshooting

If your fireplace insert is not operating as expected, consult the following common issues before contacting customer support.

No Ignition/Pilot Light Issues:

- Ensure the gas supply is turned on.
- Check if the AAA battery for the Piezo ignition is correctly installed and has sufficient charge.
- Verify that the control knob is set to the 'PILOT' position during ignition attempts.

Remote Control Not Responding:

- Check the battery in the remote control and replace if necessary.
- Ensure the remote receiver is set to 'REMOTE' mode (not 'ON' or 'OFF' for manual operation).
- Confirm the remote is within range and there are no obstructions between the remote and the receiver.

Unit Shuts Off Unexpectedly:

- The Oxygen Depletion Sensor (ODS) may have activated due to low oxygen levels. Ensure adequate ventilation in the room.
- In thermostat mode, the unit will turn off once the set temperature is reached.

Video: Fireplace Remote Control Troubleshooting

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This video demonstrates basic troubleshooting for the remote control of a Duluth Forge gas fireplace insert.

Specifications

Feature	Detail
Brand	Duluth Forge

Feature	Detail
Model Number	FDI32R
Power Source	Gas Powered (Natural Gas or Liquid Propane)
Heat Output	32,000 British Thermal Units
Heating Coverage	Up to 1,500 square feet
Product Dimensions (D x W x H)	18.38" x 33.27" x 36.38"
Item Weight	88.2 lbs
Material	Ceramic, Metal
Color	Black
Installation Type	Built-In (Zero Clearance)
Ventilation Type	Vent Free
Special Feature	Adjustable Thermostat, Oxygen Depletion Sensor (ODS)
Included Components	Burner, Remote Control, 9 Ceramic Logs

MEASUREMENTS



Product dimensions for installation planning.

Warranty Information

This Duluth Forge fireplace insert comes with a **Limited Warranty**. For specific details regarding coverage, duration, and terms, please refer to the warranty card included with your product or contact customer support.

Customer Support

For technical assistance, parts, or warranty inquiries, please contact the manufacturer:

Manufacturer: Factory Buys Direct

Please have your model number (FDI32R) and purchase information ready when contacting support.

