Modern Flames RS-2621

Modern Flames Redstone 26-Inch Electric Fireplace Insert User Manual

Model: RS-2621

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Modern Flames Redstone 26-Inch Electric Fireplace Insert. Please read all instructions carefully before installation and use. Retain this manual for future reference.

The Modern Flames Redstone 26-Inch Electric Fireplace Insert (Model RS-2621) features Hybrid-FX flame technology, high-intensity RGB up-lighting and down-lighting, 10 unique flame colors, and a 5,000 BTU heater. It is designed for installation into an existing zero-clearance wood fireplace or a 10-inch deep wall cavity.

2. IMPORTANT SAFETY INFORMATION

WARNING: Read and understand all instructions before using this appliance. Failure to follow these instructions may result in electric shock, fire, or serious personal injury.

- Always disconnect power before performing any service or maintenance.
- Do not operate any fireplace with a damaged cord or plug, or if the heater has malfunctioned, been dropped, or damaged in any manner.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- This fireplace is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the fireplace.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the fireplace.
- Use this fireplace only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Electric Fireplace Insert (Model RS-2621)
- Remote Control
- 0.625-inch Trim Kit
- 1.625-inch Trim Kit
- User Manual

4. SPECIFICATIONS

Feature	Detail
Brand	Modern Flames
Model Name	RS-2621
Power Source	AC/DC
Product Dimensions (D x W x H)	10"D x 24"W x 19"H
Material	Ceramic, Glass
Finish Type	Painted
Installation Type	Built-In
Heat Output	5000 British Thermal Units (BTU)
Special Feature	Corded
Style	Modern
Color	Black
Ventilation Type	Vent Free
Heating Coverage	Up to 400 square feet (based on 5000 BTU)
Item Weight	47 Pounds
UPC	850011491225

Note: Heating coverage is an estimate and may vary based on insulation, room size, and external temperatures.

5. SETUP AND INSTALLATION

5.1 Location Requirements

- Ensure the installation location is a stable, level surface.
- Maintain a minimum clearance of 3 feet (0.9 m) from combustible materials.
- The unit requires a dedicated 120V, 15 Amp circuit. Consult a qualified electrician for proper wiring if needed.

5.2 Installation Options

The Redstone 26-Inch Electric Fireplace Insert can be installed in two primary ways:

1. **Existing Zero-Clearance Wood Fireplace:** Slide the unit directly into the existing opening. Ensure the opening dimensions accommodate the fireplace insert (10"D x 24"W x 19"H).
2. **Built-In Wall Installation:** Construct a framed opening with a minimum depth of 10 inches. The unit is designed for a flush-mounted look.

Both installation methods include a choice of a 0.625-inch or 1.625-inch trim kit to finish the opening.

5.3 Electrical Connection

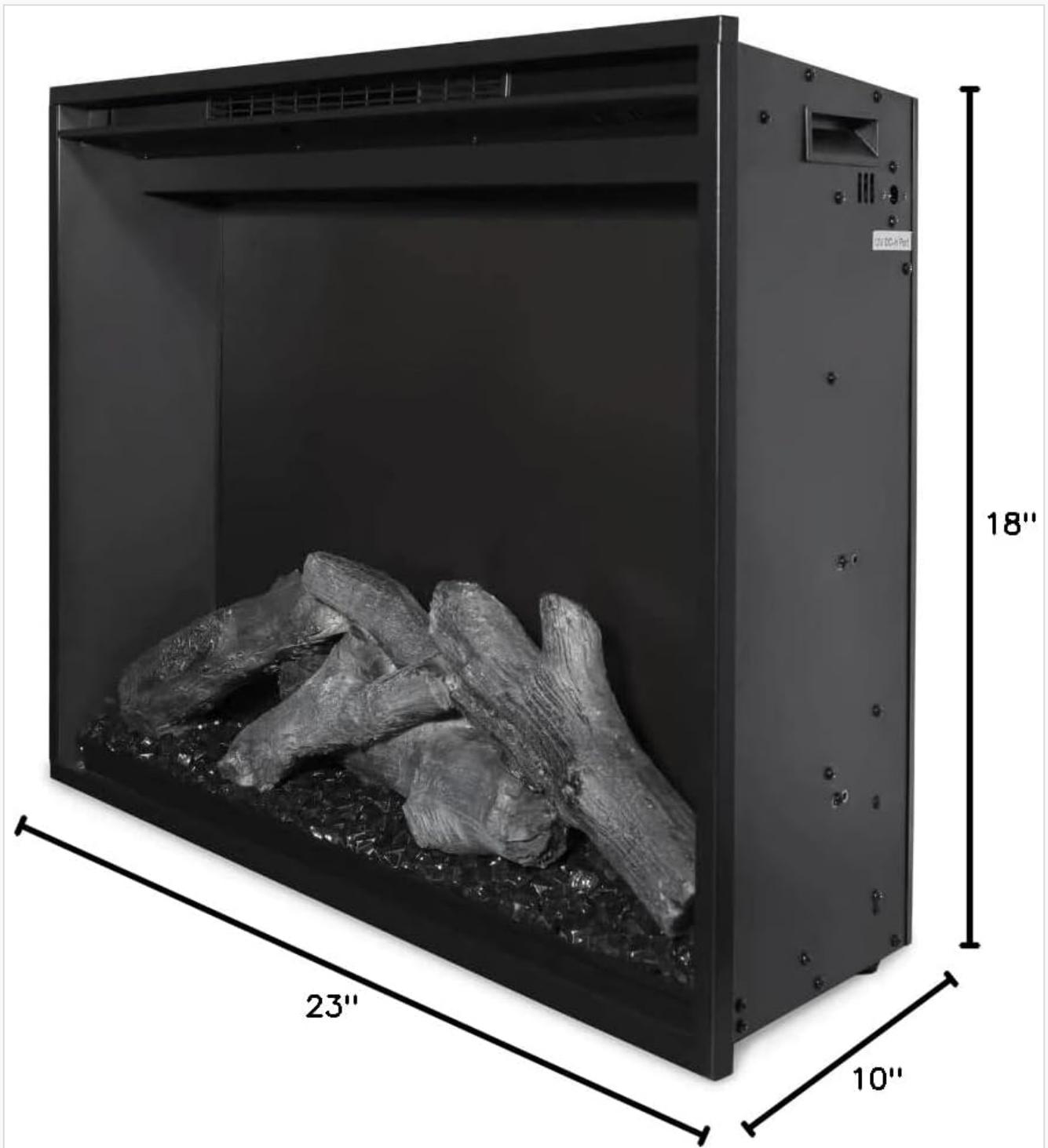Connect the power cord to a grounded 120V outlet. Do not use extension cords or power strips.

Image 1: Dimensions of the Modern Flames Redstone 26-Inch Electric Fireplace Insert. The image shows the unit from a side-front angle with measurements indicating a depth of 10 inches, a width of 23 inches, and a height of 18 inches. These dimensions are

6. OPERATING INSTRUCTIONS

The Modern Flames Redstone Electric Fireplace Insert can be operated using the included remote control.

6.1 Remote Control Functions

- **Power Button:** Turns the fireplace ON/OFF.
- **Flame Button:** Cycles through 10 unique flame colors and effects.
- **Log/Ember Bed Button:** Adjusts the intensity or color of the log and ember bed lighting.
- **Heater Button:** Activates or deactivates the 5,000 BTU heater. Press repeatedly to cycle through heat settings (Low, High, OFF).
- **Thermostat Control:** Adjusts the desired room temperature. The heater will cycle ON/OFF to maintain the set temperature.
- **Up-lighting/Down-lighting:** Controls the high-intensity RGB up-lighting and down-lighting features.

6.2 Flame and Ember Bed Effects

The Hybrid-FX flame technology provides a realistic flame experience. You can customize the flame colors and intensity to suit your preference. The ember bed also offers various lighting options.

Image 2: The Modern Flames Redstone Electric Fireplace Insert displaying vibrant orange and yellow flames over a glowing ember bed with realistic log media. This image illustrates the default or a common flame setting.

Image 3: The Modern Flames Redstone Electric Fireplace Insert showcasing a blue flame effect. This demonstrates one of the customizable color options available with the RGB lighting system.

Image 4: The Modern Flames Redstone Electric Fireplace Insert displaying a red flame effect, highlighting another customizable color option for the flame and ember bed.

6.3 Heating Function

The 5,000 BTU heater can operate independently of the flame effects. Use the remote control to activate the heater and set the desired temperature. The thermostat will regulate the heat output to maintain comfort.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your electric fireplace.

7.1 Cleaning

- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Glass Panel:** Clean the glass panel with a soft cloth and a non-abrasive glass cleaner.
- **Air Vents:** Periodically vacuum the air intake and exhaust vents to prevent dust buildup, which can impede heat circulation.

CAUTION: Always ensure the unit is turned OFF and unplugged before cleaning.

7.2 Light Bulb Replacement

The flame effect uses LED technology, which has a long lifespan and typically does not require replacement. If any issues arise with the lighting, contact customer support.

8. TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
No power to the unit.	Power cord not plugged in; circuit breaker tripped; wall outlet malfunction.	Ensure power cord is securely plugged into a grounded outlet. Check and reset the circuit breaker. Test the outlet with another appliance.
Flames not visible or flickering.	Flame effect turned off; LED lights malfunctioning.	Press the Flame button on the remote. If issue persists, contact customer support.
Heater not producing heat.	Heater turned off; thermostat set too low; air vents blocked.	Ensure heater is ON and thermostat is set to a temperature higher than the room. Check and clear any obstructions from air vents.
Remote control not working.	Batteries depleted; obstruction between remote and unit; remote sensor blocked.	Replace remote control batteries. Ensure no obstructions are blocking the signal path. Clean the remote sensor on the unit.

If you experience any issues not listed here, or if the problem persists after attempting the suggested solutions, please contact Modern Flames customer support.

9. WARRANTY AND CUSTOMER SUPPORT

The Modern Flames Redstone Electric Fireplace Insert comes with a**Limited Warranty**. Please refer to the warranty card included with your product for specific terms and conditions. Keep your proof of purchase for warranty claims.

For technical assistance, troubleshooting, or warranty inquiries, please contact Modern Flames customer support:

- **Website:** www.modernflames.com
- **Contact Information:** Refer to the official Modern Flames website for the most current contact details (phone, email).

When contacting support, please have your model number (RS-2621) and purchase date available.