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- › [Modern Flames](#) /
- › [Modern Flames Redstone 54-Inch Built-in Electric Fireplace \(RS-5435\) User Manual](#)

## Modern Flames RS-5435

# Modern Flames Redstone 54-Inch Built-in Electric Fireplace (RS-5435) User Manual

Model: RS-5435 | Brand: Modern Flames

## 1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your Modern Flames Redstone 54-Inch Built-in Electric Fireplace (Model RS-5435). Please read all instructions carefully before installation and use to ensure proper function and safety. Keep this manual for future reference.



**Figure 1:** The Modern Flames Redstone 54-Inch Built-in Electric Fireplace, showcasing its realistic flame effects and log set within a sleek black frame.

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## 2. IMPORTANT SAFETY INFORMATION

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

- This electric 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.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the fireplace is left operating and unattended.
- Do not operate any fireplace with a damaged cord or plug or after the fireplace malfunctions, has 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.
- Connect to properly grounded outlets only.
- 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.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- This fireplace has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.

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## 3. SETUP AND INSTALLATION

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The Modern Flames Redstone RS-5435 is designed for built-in installation. Proper planning and adherence to dimensions are crucial for a successful setup.

### 3.1 Unpacking

Carefully remove the fireplace from its packaging. Retain all packaging materials for future transport or if the unit needs to be returned. Inspect the unit for any damage incurred during shipping. Contact your retailer immediately if any damage is found.

### 3.2 Location Requirements

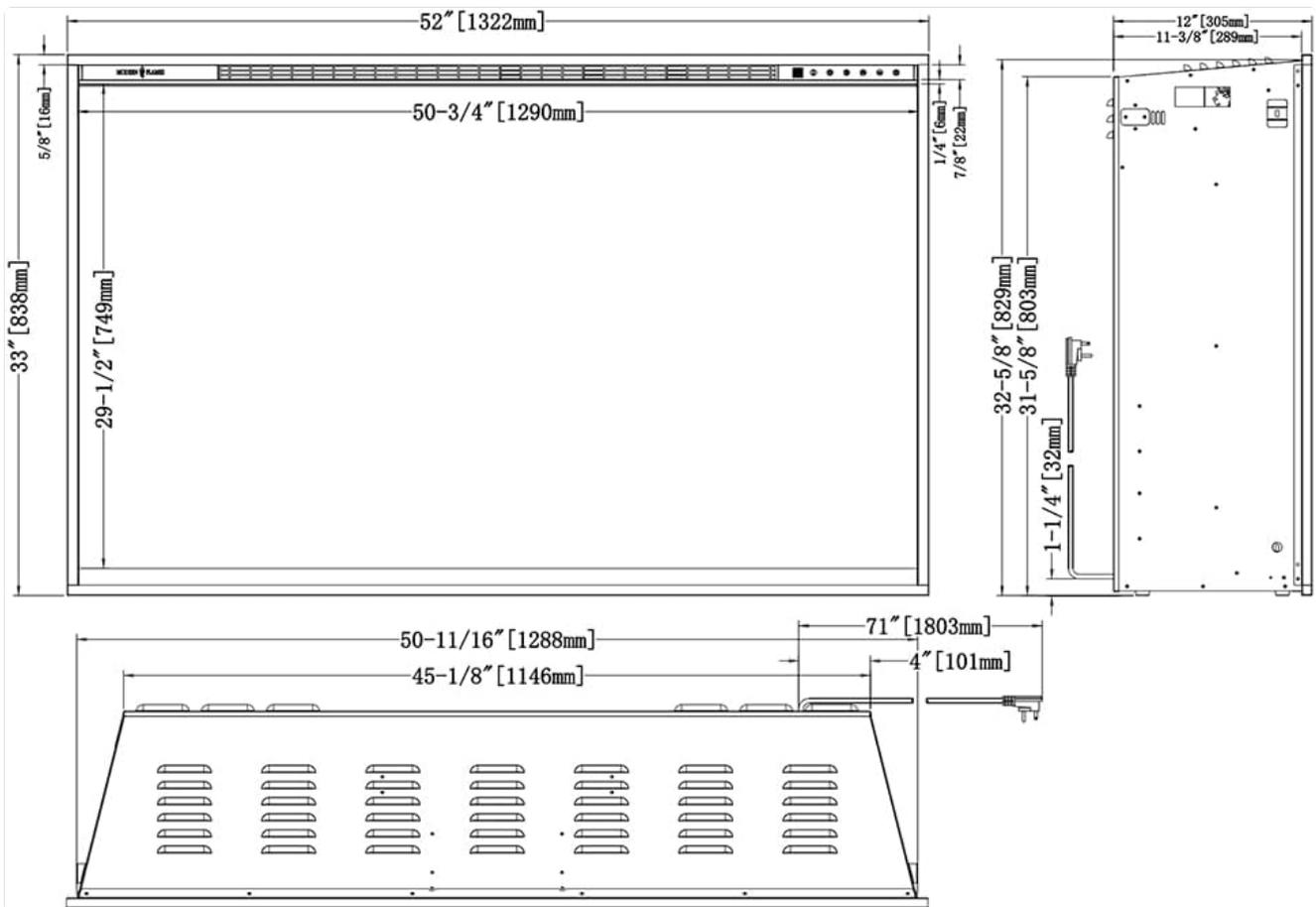
Ensure the chosen location for installation is structurally sound and can support the weight of the fireplace (approximately 196 pounds). Maintain proper clearances from combustible materials as outlined in the safety section.

### 3.3 Electrical Connection

This unit operates on a standard corded electric power source. Ensure the electrical outlet is properly grounded and meets local electrical codes. Do not use extension cords or power strips with this appliance.

### 3.4 Dimensions and Framing

Accurate framing is essential for a flush built-in installation. Refer to the detailed dimension diagram below for precise measurements.



**Figure 2:** Technical drawing illustrating the precise dimensions (in inches and millimeters) for the Modern Flames Redstone RS-5435, crucial for built-in installation.

The overall product dimensions are approximately 12"D x 52"W x 33"H. The chamber width is 54 inches. Consult the diagram for specific cutout and clearance requirements.

## 4. OPERATING INSTRUCTIONS

The Redstone RS-5435 offers advanced flame technology and heating capabilities, controllable via the included remote or the integrated control panel.

### 4.1 Powering On/Off

Press the power button on the remote control or the control panel to turn the fireplace on or off. The unit will retain the last flame and heat settings when powered off and on again.

### 4.2 Flame Effects

This fireplace features Hybrid-FX Flame Technology with high-intensity RGB up-lighting, down-lighting, and 10 unique flame colors. Use the flame color button on the remote or control panel to cycle through the available options. The flame effects can operate independently of the heating function.

# STANDARD FEATURES



**Figure 3:** Visual representation of the various flame color options (Blue, Orange, Red, with and without logs), the included remote control, and the integrated control buttons on the fireplace unit.

## 4.3 Heating Function

The integrated 5,000 BTU heater provides supplemental heat for areas up to 400 sq. ft. Use the heat button on the remote or control panel to activate the heater. The heat output is variable and thermostatically controlled. Adjust the temperature setting to your desired comfort level. The heating function can be operated independently of the flame effects.

## 4.4 Remote Control

The included remote control provides convenient access to all fireplace functions, including power, flame color, flame intensity, heat settings, and timer. Ensure the remote has working batteries and is pointed towards the fireplace's receiver.

## 4.5 Control Buttons

In addition to the remote, the fireplace features an integrated control panel, typically located discreetly on the unit, allowing manual operation of all primary functions.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your electric fireplace. Always disconnect power before performing any maintenance.

## 5.1 Cleaning

- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or sprays.
- **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 airflow and heating efficiency.

## 5.2 Log Set and Ember Bed

The decorative log set and ember bed can be gently dusted with a soft brush or cloth. Do not use water or cleaning solutions directly on these components.

# 6. TROUBLESHOOTING

If you experience issues with your fireplace, consult the following common troubleshooting steps. If the problem persists, contact customer support.

- **No Power:** Ensure the fireplace is properly plugged into a grounded outlet. Check the circuit breaker for the outlet.
- **No Heat:** Verify that the heating function is activated and the temperature setting is above the ambient room temperature. Ensure air vents are not blocked.
- **Flame Effects Not Working:** Check if the flame effect is turned on. If using the remote, ensure batteries are functional and correctly inserted.
- **Remote Control Not Responding:** Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the fireplace's receiver.
- **Unusual Noises:** A slight fan noise is normal during heating operation. If you hear loud or unusual noises, turn off the unit and contact support.

# 7. SPECIFICATIONS

| Feature                    | Specification              |
|----------------------------|----------------------------|
| Brand                      | Modern Flames              |
| Model Name                 | RS-5435                    |
| Power Source               | Corded Electric            |
| Product Dimensions (DxWxH) | 12"D x 52"W x 33"H         |
| Material                   | Metal                      |
| Finish Type                | Painted                    |
| Installation Type          | Built In                   |
| Heat Output                | 5000 British Thermal Units |

|                     |                |
|---------------------|----------------|
| Heating Coverage    | 400 sq. ft.    |
| Style               | Contemporary   |
| Color               | Black          |
| Ventilation Type    | Vent Free      |
| Included Components | Remote Control |
| Item Weight         | 196 Pounds     |
| Chamber Width       | 54 Inches      |
| UPC                 | 850011491294   |

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## 8. WARRANTY INFORMATION

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The Modern Flames Redstone RS-5435 Electric Fireplace comes with a **Limited Warranty**. For specific details regarding the terms, conditions, and duration of your warranty, please refer to the warranty card included with your product or visit the official Modern Flames website. Keep your proof of purchase for warranty claims.

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## 9. CUSTOMER SUPPORT

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For technical assistance, replacement parts, or any questions not covered in this manual, please contact Modern Flames customer service:

- **Website:** [www.modernflames.com](http://www.modernflames.com)
- **Contact Information:** Refer to the 'Contact Us' section on the official website for phone numbers and email support.

When contacting support, please have your model number (RS-5435) and proof of purchase readily available.

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