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### Real Flame 8770E-BK

# Real Flame Centennial Grand Electric Fireplace User Manual

Model: 8770E-BK | Brand: Real Flame

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## 1. INTRODUCTION

Thank you for choosing the Real Flame Centennial Grand Electric Fireplace. This manual provides essential information for the safe assembly, operation, and maintenance of your new electric fireplace. Please read all instructions carefully before use and retain this manual for future reference.

The Centennial Grand Electric Fireplace features a classic mantel design with a large VividFlame electric firebox. It offers realistic flame effects, supplemental heating, and convenient controls, designed to enhance the warmth and ambiance of your living space.



Image 1.1: The Real Flame Centennial Grand Electric Fireplace, showcasing its elegant black finish and realistic flame effect.

## 2. SAFETY INFORMATION

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**WARNING: To reduce the risk of fire, electric shock, or injury, read all instructions before using this appliance.**

- Always plug the fireplace directly into a wall outlet. Never use with an extension cord or relocatable power tap.
- Ensure the power cord is not pinched or routed under carpets or other coverings.
- Do not operate the fireplace if the cord or plug is damaged, or if the heater has malfunctioned or been dropped.
- Keep combustible materials such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater.
- This fireplace is equipped with an **Automatic Safety Shut-Off** feature to prevent overheating. If the heater overheats, it will automatically turn off. Unplug the unit, wait 10 minutes, and then plug it back in.
- An **Anti-Tip Safety Device** is included to prevent accidental tipping. Ensure it is properly installed during assembly.
- The mantel supports up to 30 lbs. A television can be hung above the mantel, but should not be placed directly on it.
- This product is **CSA and FCC certified** for safety and quality standards.



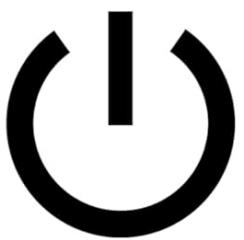
CSA Certified



FCC Certified



One-Year  
Limited Warranty



Automatic  
Safety Shut-Off

Image 2.1: Visual representation of the CSA and FCC certifications, one-year limited warranty, and automatic safety shut-off feature.

### 3. PACKAGE CONTENTS

Before beginning assembly, ensure all parts are present and undamaged. If any parts are missing or damaged, do not attempt to assemble the product. Contact customer support for assistance.

#### The package includes:

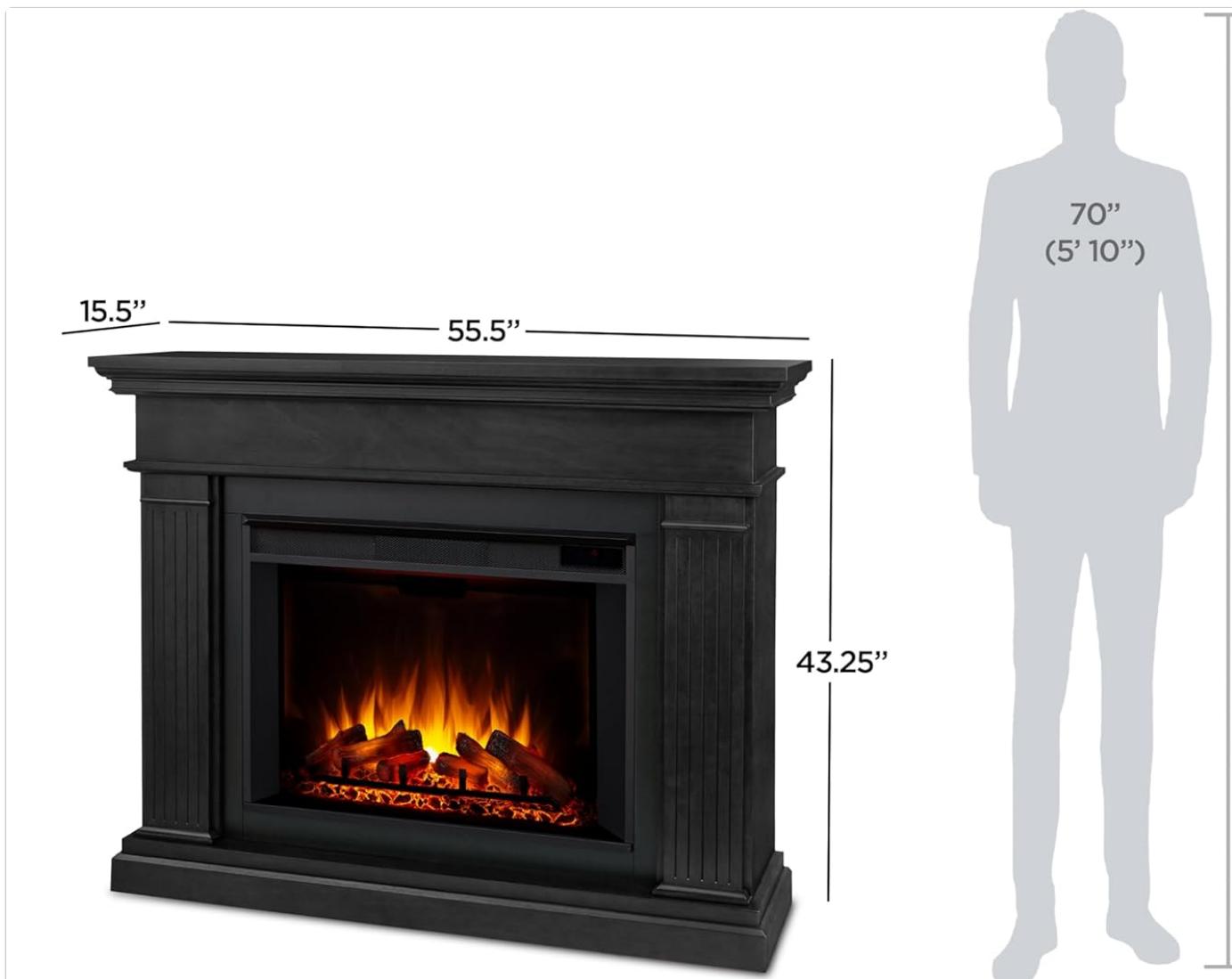
- Mantel
- Replaceable Electric Fireplace Heater Insert
- Remote Control
- 6-foot Power Cord with Lay-Flat Plug
- Anti-Toggle Safety Device
- Hardware for Assembly

### 4. SETUP AND ASSEMBLY

Assembly of the Real Flame Centennial Grand Electric Fireplace is required. It is recommended to have two adults for assembly. Follow the detailed instructions provided in the separate assembly guide included with your product. Ensure all hardware is securely fastened before use.

**Key Assembly Points:**

- Unpack all components and verify against the parts list.
- Assemble the mantel structure according to the step-by-step diagrams.
- Carefully insert the electric fireplace heater into the mantel opening.
- Install the anti-topple safety device to secure the fireplace to a wall, if desired, for added stability.
- Place the assembled fireplace on a flat, level surface.



Assembled  
Weight



Number of  
Boxes Shipped



Assembly  
Required

Image 4.1: Illustrates the overall dimensions of the fireplace (15.5"D x 55.5"W x 43.25"H) and indicates that assembly is required.

## 5. OPERATION

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The Real Flame Centennial Grand Electric Fireplace is designed for ease of use, featuring both digital touch controls on the unit and a convenient remote control.

### 5.1 Powering On/Off

- Plug the 6-foot power cord into a standard three-prong 120V outlet.
- Press the power button on the unit or remote control to turn the fireplace on or off.

### 5.2 Flame Effects

The VividFlame electric firebox offers realistic flame effects with multiple customization options:

- **Six Flame Colors:** Cycle through various flame colors to match your mood or decor.
- **Five Flame Brightness Levels:** Adjust the intensity of the flames from a subtle glow to a vibrant blaze.
- The heater can be turned off independently, allowing you to enjoy the comforting ambiance of the flames year-round without heat.



Image 5.1: Displays the six distinct flame color options available, from traditional orange and red to blue and multi-color effects.

### 5.3 Heating Function

The electric fireplace insert provides supplemental heat for areas up to 1,000 sq ft.

- **Heat Output:** 5100 BTUs.
- **Adjustable Thermostat:** Set your desired room temperature. The heater will cycle on and off to maintain the setting.
- The heater operates quietly and efficiently.

### 5.4 Timer Function

Utilize the multiple timer function to set the fireplace to automatically turn off after a specified duration, offering convenience and energy savings.

**Provides supplemental heat up to 1,000 sq. ft.**

**Digital touch controls**



**Dynamic glowing embers**

**Automatic safety shut-off**

Image 5.2: A detailed view of the electric insert, highlighting digital touch controls, dynamic glowing embers, and the automatic safety shut-off.

## 6. MAINTENANCE

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

### 6.1 Cleaning

- Always unplug the fireplace before cleaning.
- Wipe the mantel and exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Gently clean the glass panel with a soft cloth. Avoid harsh chemicals that may scratch the surface.
- Periodically vacuum the air intake and exhaust vents to prevent dust buildup, which can affect heating efficiency.

### 6.2 Storage

If storing the fireplace for an extended period, ensure it is clean and dry. Store in a cool, dry place, preferably in its original packaging to protect it from dust and damage.

## 7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Fireplace does not turn on.	No power, tripped circuit breaker, power button not pressed.	Check power cord connection. Reset circuit breaker. Press power button on unit or remote.
Heater not producing heat.	Heat function off, thermostat set too low, safety shut-off activated.	Ensure heat function is enabled. Increase thermostat setting. Unplug for 10 minutes to reset safety shut-off.
Flames are not visible or flickering.	Flame effect off, brightness set too low.	Activate flame effect. Increase flame brightness level.
Remote control not working.	Dead batteries, obstruction, remote out of range.	Replace batteries. Remove obstructions. Ensure remote is within range of the unit.
Unit makes unusual noises.	Dust buildup in fan, loose component.	Unplug and clean vents. If noise persists, contact customer support.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Real Flame
Model Name	Centennial Grand (Model 8770E-BK)
Product Dimensions	15.5"D x 55.5"W x 43.25"H
Item Weight	140 Pounds
Material	Wood
Finish Type	Painted (Black)
Installation Type	Freestanding
Power Source	Corded Electric
Power Consumption	1500 Watts
Heat Output	5100 British Thermal Units (BTUs)
Heating Coverage	Up to 1,000 sq ft (supplemental heat)
Ventilation Type	Vent Free
Special Feature	Adjustable flame colors/brightness, thermostat, timer, remote control, automatic safety shut-off, anti-tumble device.
Certifications	CSA, FCC
UPC	752370877019



Image 8.1: Technical drawing showing the precise dimensions of the electric fireplace insert for installation purposes.

## 9. WARRANTY & SUPPORT

### 9.1 Limited Warranty

This Real Flame Centennial Grand Electric Fireplace comes with a **One Year Limited Warranty**. This warranty covers manufacturing defects in materials and workmanship under normal use. Please refer to the warranty card included with your product for full terms and conditions.

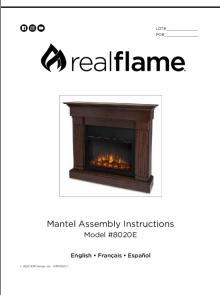
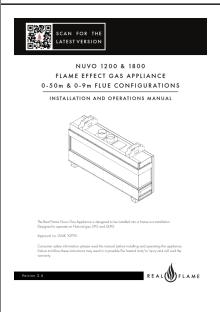
### 9.2 Customer Support

For technical assistance, missing parts, or warranty claims, please contact Real Flame customer support. Have your model number (8770E-BK) and proof of purchase ready when contacting support.

Visit the [Real Flame Store on Amazon](#) for more information and contact options.

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### Related Documents - 8770E-BK

 <p><b>Real Flame 5510E Mantel Assembly Instructions</b> Assembly instructions for the Real Flame 5510E mantel, including parts list, hardware details, and step-by-step assembly guidance. Also covers anti-topple device installation, warranty, and return policy.</p>
 <p><b>Real Flame Model 8700 Mantel Assembly Instructions</b> Step-by-step assembly instructions for the Real Flame Model 8700 Chestnut Barnwood Mantel. Includes a detailed parts list, hardware guide, assembly steps, instructions for installing the 5099 Electric Firebox, and warranty and return policy information.</p>
 <p><b>Real Flame 5110E Mantel Assembly Instructions</b> Step-by-step assembly guide for the Real Flame 5110E Mantel, detailing parts, hardware, assembly steps, warranty, and return policy. This guide provides clear instructions for assembling your Real Flame fireplace mantel.</p>
 <p><b>Real Flame 8020E Mantel Assembly Instructions, Anti-Topple Device, Warranty, and Return Policy</b> Comprehensive guide for assembling the Real Flame 8020E mantel, including parts lists, step-by-step instructions, anti-topple device installation, warranty details, and return policy.</p>
 <p><b>Real Flame 13058E Morris Mantel Assembly Instructions</b> Step-by-step assembly instructions for the Real Flame 13058E Morris Mantel, including a detailed parts list, hardware guide, assembly steps, and warranty information.</p>
 <p><b>Real Flame Nuvo 1200 &amp; 1800 Gas Appliance Installation and Operations Manual</b> Comprehensive installation and operations manual for the Real Flame Nuvo 1200 and Nuvo 1800 flame effect gas appliances. Covers specifications, installation procedures, user instructions, and warranty information.</p>