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Legend Flame EF354A

LegendFlame 60" Smart Electric Fireplace Insert User Manual

Model: EF354A

1. INTRODUCTION

Thank you for choosing the LegendFlame 60" Smart Electric Fireplace Insert. This manual provides essential information for the safe operation, installation, and maintenance of your new electric fireplace. Please read all instructions carefully before installation and use, and retain this manual for future reference.

This electric fireplace offers a realistic flame effect, adjustable heat settings, and smart control capabilities, enhancing the ambiance and comfort of your living space.



Image 1.1: The LegendFlame 60-inch Smart Electric Fireplace Insert, showcasing the unit, its remote control, and smartphone app integration.

2. IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using this heater.
- This heater 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 heater and keep them away from the sides and rear.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Discard heater or return to authorized service facility for examination and/or repair.
- 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 heater.
- 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.

- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, propane, paint, or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- This appliance is CSA Certified.

3. PACKAGE CONTENTS

Upon unpacking, ensure all components are present and undamaged. If any parts are missing or damaged, contact Legend Flame customer service.

- Electric Fireplace Insert (Model EF354A)
- Remote Control
- Log Set
- Large Crystals
- Small Crystals
- Black Glass Chips
- Small Pumice
- Mounting Hardware
- User Manual

4. SPECIFICATIONS

Feature	Description
Brand	Legend Flame
Model Name	EF354A
Product Dimensions	60" W x 18.9" H x 7.8" D
Insert Dimensions	58.6" W x 18.1" H x 7.6" D
Material	Metal
Power Source	Corded Electric
Power Consumption	750W / 1500W
Heat Output	5000 BTU per Hour
Installation Type	Wall Mount & In-Wall Recessed
Special Features	Adjustable Flame, Adjustable Thermostat, Multicolor Flame, Safety Shut Off, Wi-Fi Enabled (Alexa/Google Assistant)

DIMENSIONS

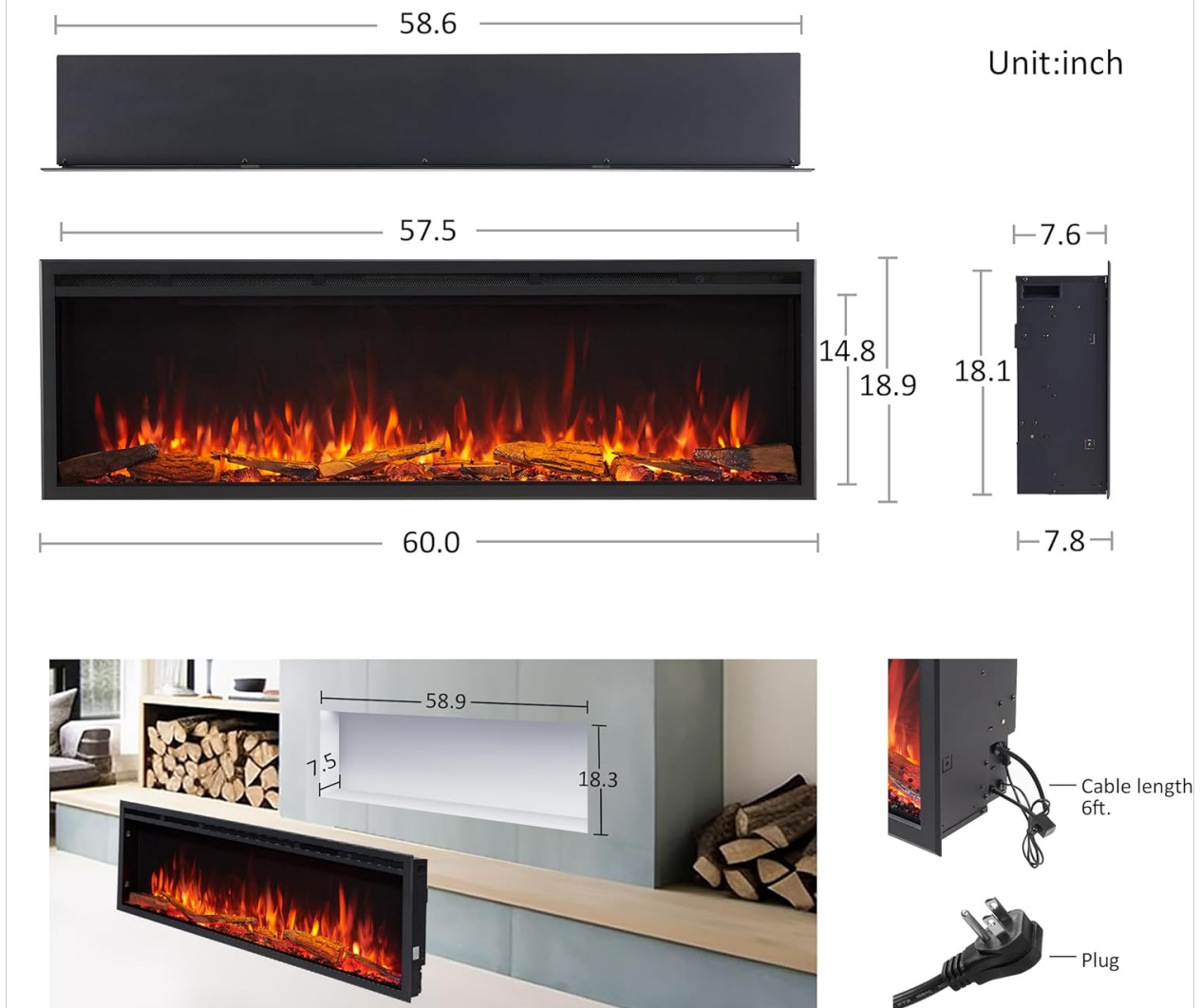


Image 4.1: Detailed dimensions of the fireplace unit for planning installation.

5. INSTALLATION

The LegendFlame electric fireplace can be installed as a wall-mounted unit or recessed into a wall. A 120V, 15AMP dedicated circuit is required. Two electrical connection options are available: plug-in or hard-wiring.

5.1 Planning Your Installation

Consider the location carefully. Ensure there is adequate clearance from combustible materials. The front of the appliance draws in cold air and dispenses heat, so the rear of the unit remains cool, preventing damage to surrounding structures or electronics.



The perfect fireplace for any media wall. No risk to damage any surrounding TV or paints as cold air is drawn in from the front and heat is dispensed from the front, the rear of the appliance never gets hot.

Image 5.1: Airflow diagram for the fireplace, highlighting its suitability for media wall installations.

5.2 Recessed Installation Steps

1. **Step 1: Frame Construction** - Construct a wooden frame within your wall to accommodate the fireplace dimensions (58.6" W x 18.1" H x 7.6" D). Ensure the frame is sturdy and level.
2. **Step 2: Electrical Preparation** - Install a 120V, 15AMP electrical outlet or prepare for hard-wiring within the framed opening. Ensure the power is off at the circuit breaker before proceeding.
3. **Step 3: Insert Fireplace** - Carefully slide the fireplace insert into the prepared opening. Ensure it fits snugly and is level.



STEP 1



STEP 2



STEP 3

Image 5.2: Visual guide for the initial steps of recessed fireplace installation.

4. **Step 4: Secure Fireplace** - Use the provided mounting screws to secure the fireplace to the wooden frame.
5. **Step 5: Install Glass Panel** - Attach the front glass panel to the fireplace.
6. **Step 6: Arrange Fuel Bed** - Place the decorative logs, crystals, or glass chips onto the fuel bed as desired.
7. **Step 7: Finish Wall** - Complete any necessary wall finishing (e.g., painting, drywall) around the installed fireplace.
8. **Step 8: Attach Trim** - Install the decorative trim around the fireplace opening for a clean, finished look.



Image 5.3: Comprehensive visual guide for completing the recessed fireplace installation.

5.3 Wall Mount Installation

For wall-mount installation, secure the provided mounting bracket to a wall stud at the desired height. Hang the fireplace unit onto the bracket, ensuring it is securely seated. Follow the electrical connection instructions for plug-in operation.



Image 5.4: The electric fireplace seamlessly integrated into a modern living room wall.

6. OPERATING INSTRUCTIONS

Your LegendFlame electric fireplace can be operated via the control panel on the unit, the included remote control, or through smart home integration with Alexa or Google Assistant.

FUNCTIONS

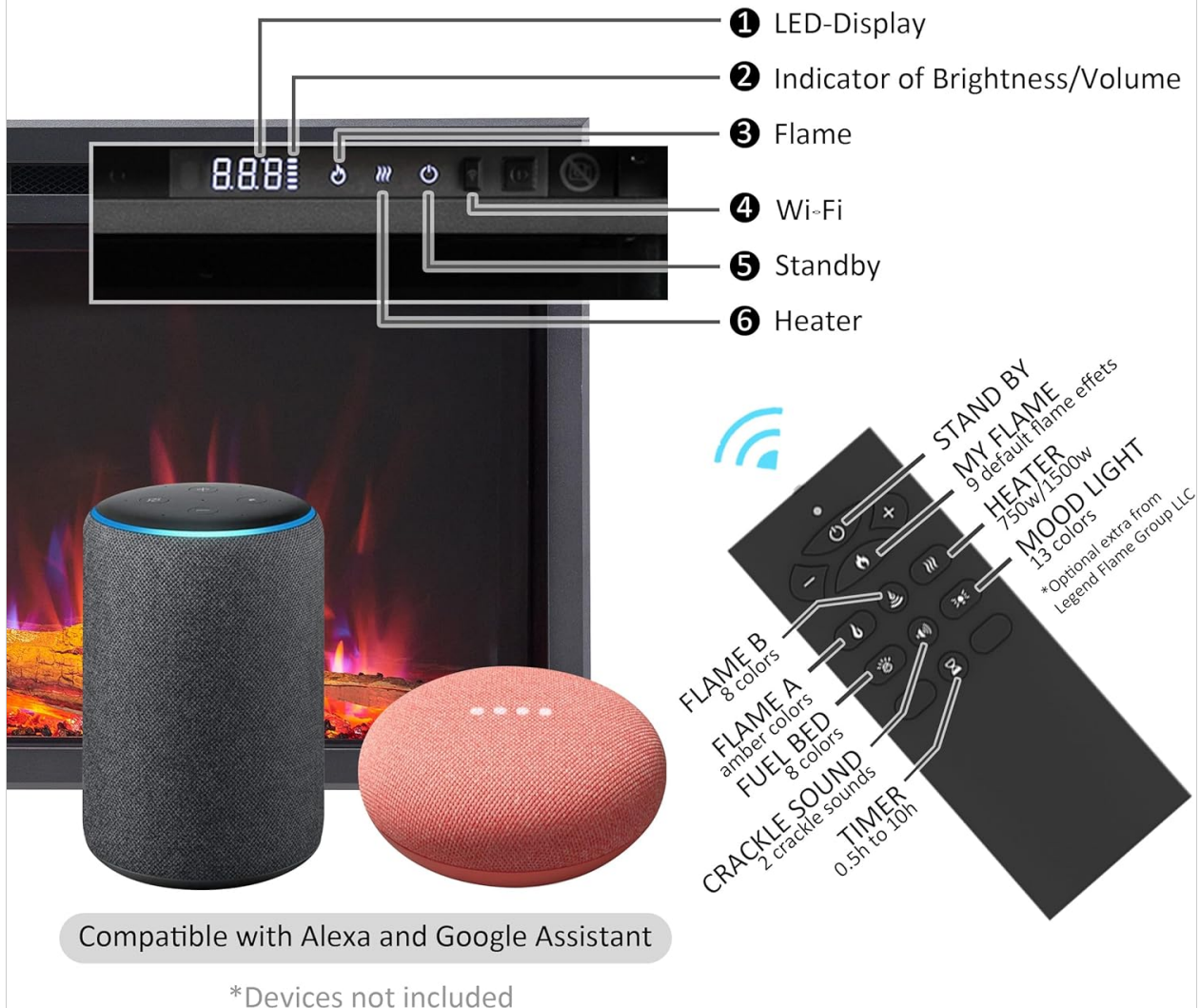


Image 6.1: Overview of fireplace controls, including the unit's panel, remote, and smart home integration.

6.1 Control Panel Functions

The control panel is located on the unit and typically includes:

1. **LED Display:** Shows current settings.
2. **Brightness/Volume Indicator:** Adjusts flame brightness or crackling sound volume.
3. **Flame Button:** Cycles through flame color options.
4. **Wi-Fi Button:** Activates Wi-Fi pairing mode.
5. **Standby Button:** Powers the unit on/off.
6. **Heater Button:** Activates or adjusts heat settings.

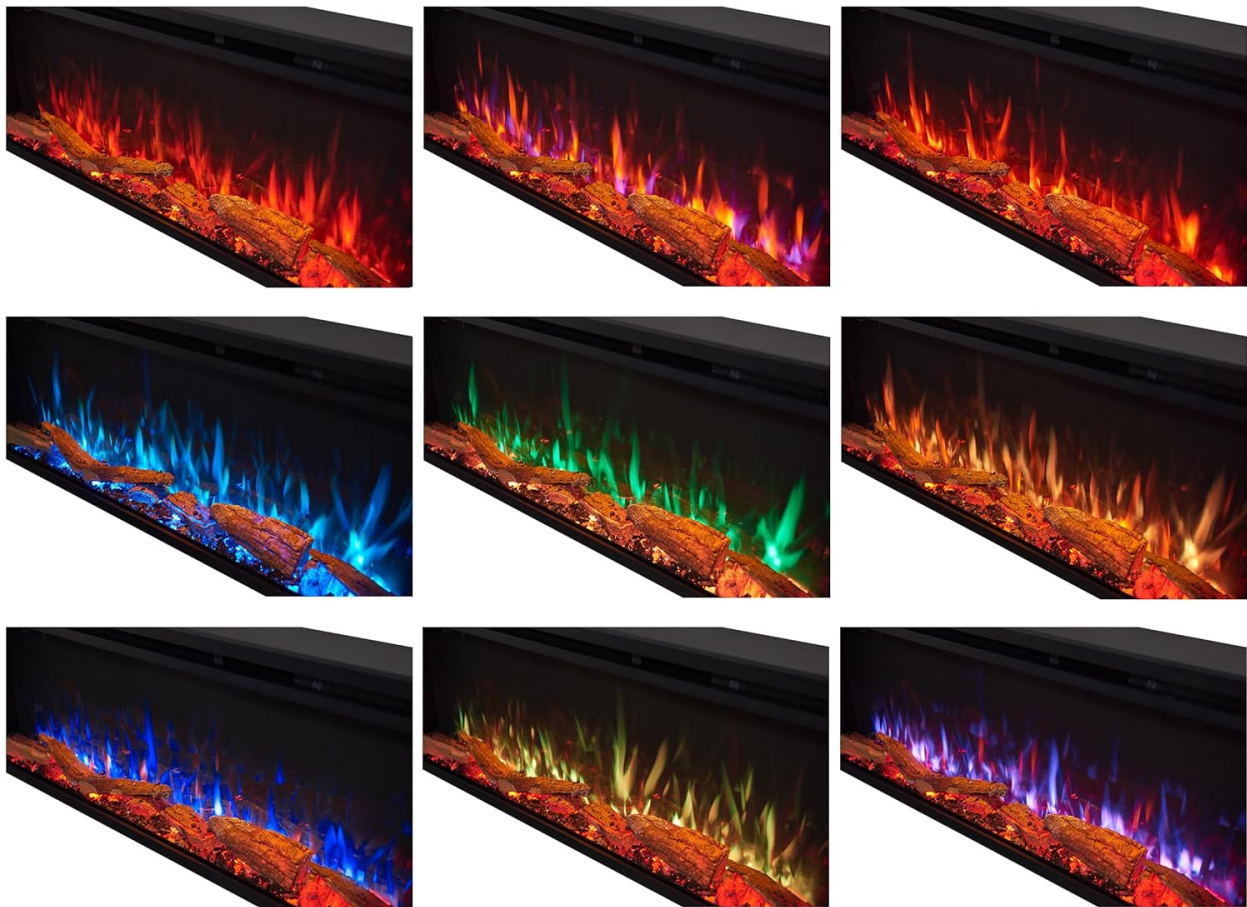
6.2 Remote Control Functions

The remote control provides full functionality from a distance:

- **Power On/Off:** Turns the unit on or off.
- **Heater (750W/1500W):** Selects low or high heat output.
- **Flame A (Ember color):** Adjusts the primary flame color.
- **Flame B (8 colors):** Adjusts the secondary flame color.
- **Fuel Bed (8 colors):** Changes the color of the fuel bed lighting.

- **Mood Light (13 colors):** Activates additional ambient lighting.
- **Crackling Sound:** Turns the crackling sound effect on/off and adjusts volume.
- **Timer (0.5h to 9h):** Sets an automatic shut-off timer.

MULTI COLORS



Flame A: Ember color
Flame B: 8 colors

Mix Flame A + Flame B
=most Realistic Flame Effect

Fuel Bed: 8 colors

Image 6.2: Examples of the diverse flame and fuel bed color options available.

6.3 Smart Home Integration (Alexa/Google Assistant)

To connect your fireplace to Alexa or Google Assistant:

1. Ensure your fireplace is connected to your home Wi-Fi network (refer to the Wi-Fi pairing instructions in the full manual).
2. Download the appropriate smart home app (e.g., Tuya Smart app) and link it to your Alexa or Google Home account.
3. Use voice commands to control functions such as power on/off, heat settings, and flame colors.

7. MAINTENANCE

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

- **Cleaning:** Ensure the unit is turned off and unplugged before cleaning. Use a soft, damp cloth to clean the

exterior surfaces. Do not use abrasive cleaners or sprays.

- **Air Vents:** Periodically check and clean the air inlet and outlet vents to ensure they are free from dust and debris, which can impede airflow and heating efficiency.
- **Glass Panel:** Clean the glass panel with a soft cloth and a non-abrasive glass cleaner.

8. TROUBLESHOOTING

If you encounter issues with your fireplace, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fireplace does not turn on.	No power, tripped circuit breaker, unit off.	Check power cord connection, reset circuit breaker, press power button on unit or remote.
No heat output.	Heater off, thermostat setting too low, air vents blocked.	Ensure heater function is active, increase thermostat setting, clear any obstructions from air vents.
Flame effect not working.	Flame effect turned off, LED issue.	Activate flame effect via remote or control panel. If issue persists, contact support.
Remote control not working.	Dead batteries, obstruction, remote out of range.	Replace batteries, ensure clear line of sight to unit, move closer to fireplace.
Wi-Fi connection issues.	Incorrect password, router too far, Wi-Fi mode not activated.	Verify Wi-Fi password, move router closer or use extender, activate Wi-Fi pairing mode on unit.

For issues not covered here, please contact Legend Flame customer service.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This LegendFlame electric fireplace comes with a one-year limited warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty inquiries, or replacement parts, please contact Legend Flame customer service. Our team is available to provide support and ensure your satisfaction.

Manufacturer: Legend Flame Group LLC

Seller: Legend Flame

For further assistance, please visit the [Legend Flame Store on Amazon](#).