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› [Modern Flames Orion Traditional 30-inch Heliovision Virtual Smart Built-in Electric Firebox OR30-TRAD User Manual](#)

Modern Flames OR30-TRAD

Modern Flames Orion Traditional 30-inch Heliovision Virtual Smart Built-in Electric Firebox OR30-TRAD User Manual

Model: OR30-TRAD | Brand: Modern Flames

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Modern Flames Orion Traditional 30-inch Heliovision Virtual Smart Built-in Electric Firebox. Please read this manual thoroughly before installation and use, and retain it for future reference.

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 appliance.
- 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 use outdoors.
- 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.
- To disconnect the fireplace, turn controls to off, then remove plug from outlet.
- 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.
- This appliance 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 fireplace is left operating and unattended.

PACKAGE CONTENTS

Your Modern Flames Orion Traditional Electric Firebox package includes the following items:

- Orion Traditional Electric Firebox Unit
- Driftwood Log Set
- Black Reflective Crushed Glass Media
- Remote Control
- User Manual

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Modern Flames
Model Name	OR30-TRAD
Product Dimensions	9"D x 30"W x 9"H
Power Source	AC/DC
Material	Ceramic, Glass
Finish Type	Painted
Installation Type	Built In
Heat Output	5118 British Thermal Units
Special Feature	Corded
Color	Black
Room Type	Living Room
Ventilation Type	Vent Free
Heating Coverage	120 to 250 square feet
Burner type	Quartz
UPC	859347002389

OR30-TRAD

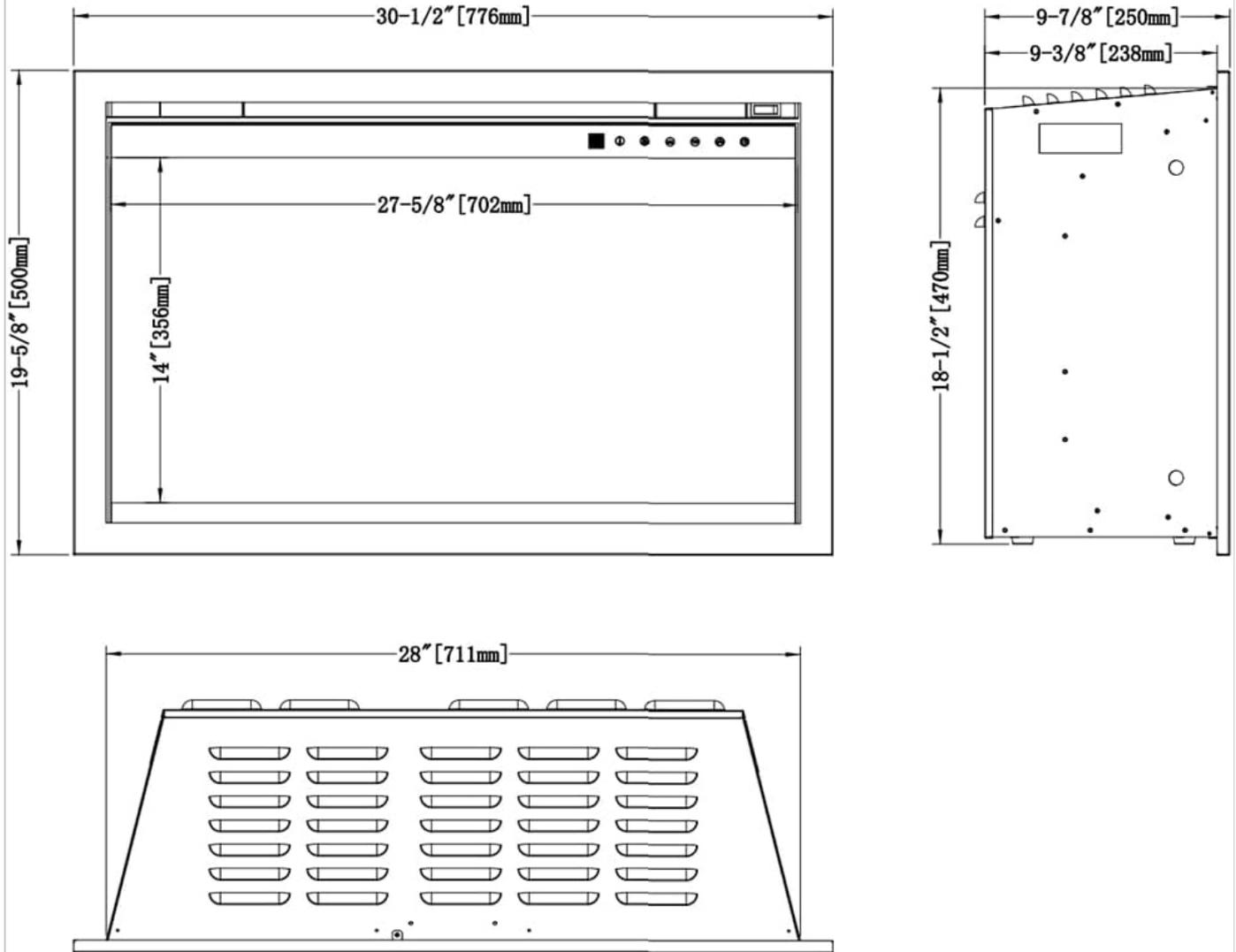


Figure 1: Detailed dimensions of the OR30-TRAD electric firebox.

This diagram illustrates the precise measurements of the firebox, including its width, height, and depth, crucial for proper built-in installation.

SETUP AND INSTALLATION

The Modern Flames Orion Traditional Electric Firebox is designed for built-in installation. Ensure the chosen location meets the product's dimensions and clearance requirements. Professional installation is recommended for direct-wired setups.

Installation Steps:

- 1. Prepare the Opening:** Create a framed opening in your wall or mantel that matches the firebox dimensions (9"D x 30"W x 9"H). Ensure adequate clearance for ventilation.
- 2. Electrical Connection:** The unit is corded and requires an AC/DC power source. For direct-wired installations, consult a qualified electrician to connect the firebox to a 120 or 240 Volt circuit as required.
- 3. Insert Firebox:** Carefully slide the electric firebox into the prepared opening. Ensure it is level and securely seated.
- 4. Install Media:** Place the included driftwood log set and black reflective crushed glass media onto the ember bed. Arrange them to your preference for a realistic flame appearance.
- 5. Final Checks:** Verify all connections are secure and the unit is properly installed before powering on.

Simple Built In Installation Perfect to renovate your old fireplace opening



Available in different sizes: 26", 30", 36", 42", 54"



Figure 2: Example of a built-in electric fireplace installation.

This image demonstrates how the firebox can be seamlessly integrated into a custom-built mantel or wall, enhancing the room's aesthetic.

OPERATING INSTRUCTIONS

Your Orion Traditional Electric Firebox can be operated using the integrated touch controls or the provided remote control, and also via the Modern Flames App.

Basic Operation:

- **Power On/Off:** Press the power button on the control panel or remote to turn the unit on or off.
- **Flame Settings:**
 - The HELIOVISION Flame Technology offers a rich, realistic flame display.
 - Select from three distinct flame patterns: wood-burning with sparks, gas-burning, or a hybrid mixed flame.
 - Choose from six high-definition flame color options to match your mood or decor.

- Adjust flame brightness using the dedicated controls.
- **Ember Bed Lighting:** The 5-inch deep ember bed features multicolor lighting, which can be customized.
- **Heat Settings:**
 - The unit provides up to 5,000 BTU/hour of heat, covering 120 to 250 square feet.
 - Variable heat settings allow you to control the warmth output.
 - The heat and flame functions can operate independently, allowing for ambiance without heat.
- **Sound Effects:** Activate soothing crackling sounds to enhance the realistic fireplace experience.
- **Smart Control:** Control the firebox with the remote or via the Modern Flames App on your smartphone for advanced features and convenience.

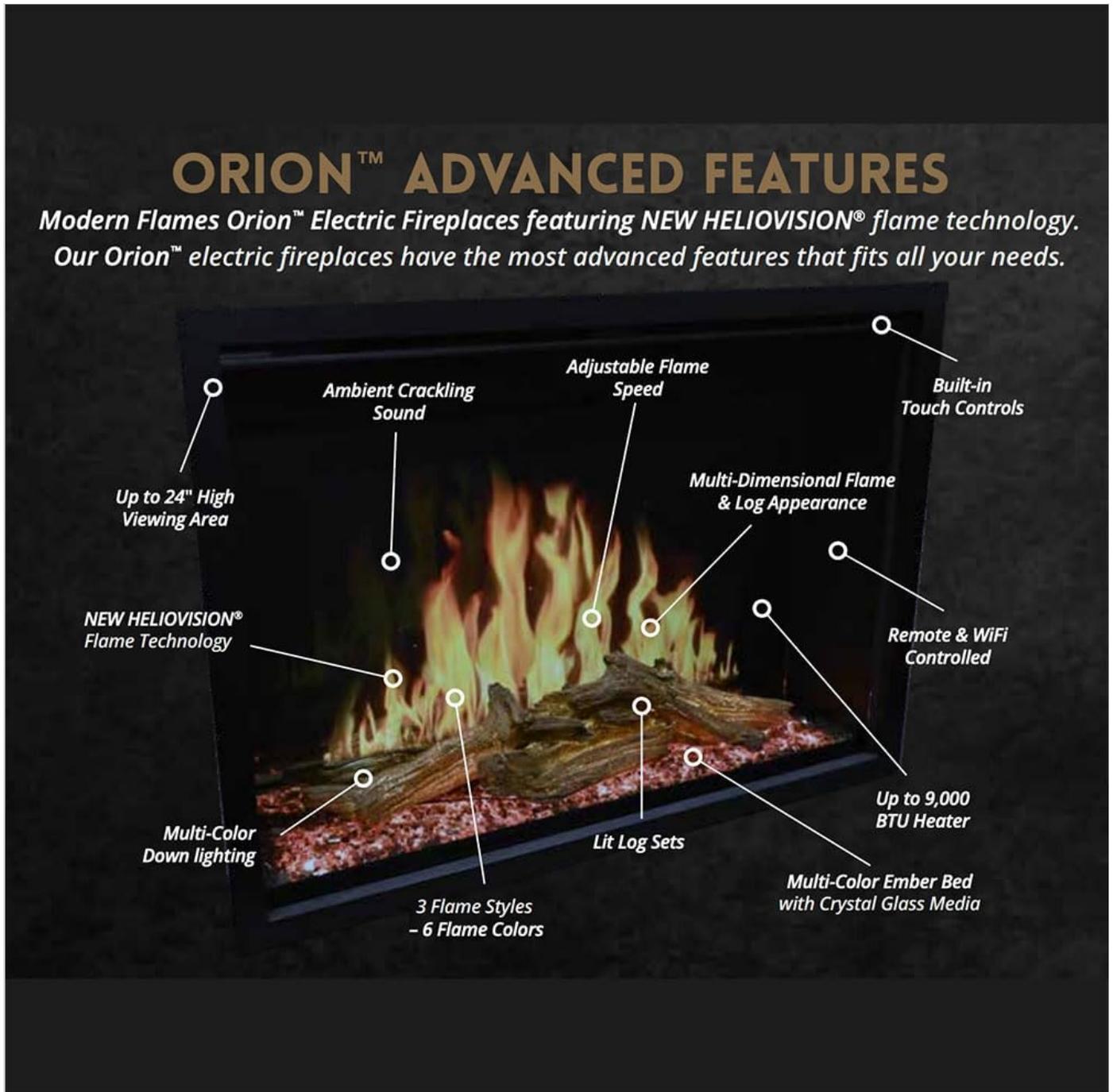


Figure 3: Orion Advanced Features Overview.

This visual guide details the various customizable settings and control options available on your electric firebox.

HELIOVISION™ Flame Technology

Multiple Flame Patterns

5" Deep Ember Bed View Area



**Western Driftwood Log Set
Black Reflective Crushed Glass**

Figure 4: Heliovision Flame Technology with Driftwood Log Set and Crushed Glass.

Observe the realistic flame patterns and the included media, which contribute to the authentic appearance of the firebox.

Highly Efficient PTC Ceramic Heater 5,000 - 8,300 BTUs (depending on size)



Heating and Flames Work Independently Direct-wired to a 120 or 240 Volt Circuit

Figure 5: Heating Capabilities and Independent Operation.

This image illustrates the efficient heating function and the flexibility to use flames with or without heat, along with wiring options.

MAINTENANCE

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

- **Cleaning:** Ensure the unit is turned off and unplugged before cleaning. Use a soft, damp cloth to wipe down the exterior surfaces. Do not use abrasive cleaners or sprays.
- **Glass Panel:** Clean the glass panel with a soft cloth and a non-abrasive glass cleaner.
- **Ventilation Openings:** Keep the ventilation openings clear of dust and debris to ensure proper heat dissipation. Use a vacuum cleaner with a soft brush attachment to clean the vents periodically.
- **Log Set and Media:** The driftwood log set and crushed glass media can be gently cleaned with a soft brush or cloth if they accumulate dust.

TROUBLESHOOTING

If you experience issues with your electric firebox, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to the unit	Unit unplugged, circuit breaker tripped, power switch off.	Ensure the unit is securely plugged in. Check the circuit breaker and reset if necessary. Verify the main power switch is in the "ON" position.
Flames not visible	Flame effect is turned off, brightness set too low.	Activate the flame effect using the remote or control panel. Increase the flame brightness setting.
No heat output	Heater function is off, thermostat set too low, air vents blocked.	Turn on the heater function. Increase the thermostat setting. Ensure air intake and exhaust vents are not blocked.
Remote control not working	Batteries dead or incorrectly inserted, remote out of range.	Replace batteries in the remote control. Ensure batteries are inserted with correct polarity. Operate the remote within the specified range of the firebox.

WARRANTY AND SUPPORT

Your Modern Flames Orion Traditional Electric Firebox comes with a limited warranty. For specific details regarding warranty coverage, please refer to the warranty card included with your product or visit the official Modern Flames website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Modern Flames customer service:

- **Website:** www.modernflames.com
- **Customer Service:** Refer to your product packaging or the Modern Flames website for current contact information.

