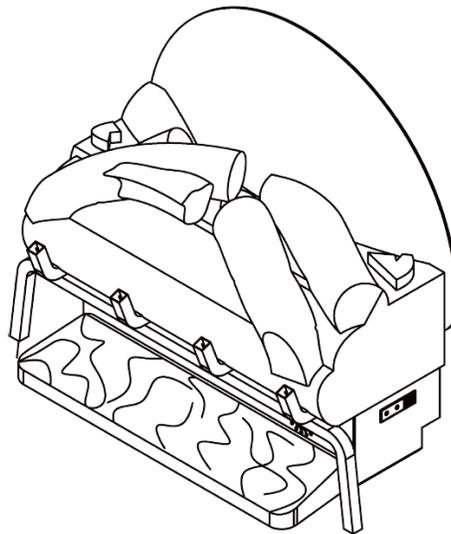


BURNBRITE™ OAK LOG SET FIREPLACE INSERT

Model # : 80073, 80074

OWNER'S MANUAL



BurnBrite Oak Log Set 22", 27" Fireplace Insert

AC 110-120V 60Hz 1500W

⚠ WARNING

Read and understand this entire owner's manual, including **all safety information**, before plugging in or **using** this product. Failure to do so could result in **fire, electric shock, or serious personal injury**.

⚠ CAUTION

Keep this owner's manual for future reference. If you sell or give this product away, **make sure this manual accompanies this product**.



**PREMIUM
ELECTRIC FIREPLACES
& TV LIFTS**

Exceeding Expectations



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IMPORTANT SAFETY INFORMATION WARNING!

- **THIS FIREPLACE IS HOT WHEN IN OPERATION AND CAN CAUSE SEVERE BURNS**
- Do not operate fireplace before reading and understanding operating instructions. Failure to operate fireplace according to operating instructions could cause fire or injury.
- Risk of burns. This fireplace is HOT when in operation and heating element is ON. Power to the fireplace should be turned off and the fireplace allowed to cool before servicing. To disconnect power to the fireplace, turn controls to off, then remove plug from outlet.
- Do not install damaged, incomplete, or substitute components.
- Young children should be carefully supervised when they are in same room with fireplace. Toddlers, young children and others may be susceptible to accidental contact burns. A physical barrier is recommended if there are at risk individuals in the house. To restrict access to the fireplace, install an adjustable safety gate to keep toddlers, young children and other at risk individuals away from the fireplace and hot surfaces.
- Clothing and other flammable material should not be placed on or near the fireplace.
- Due to high temperatures, the fireplace should be located out of traffic and away from furniture and draperies.
- Ensure that you have incorporated adequate safety measures to protect infants/toddlers from touching hot surfaces.
- It is imperative that the control compartments, circulating blower, and its passageway is kept clean.
- Under no circumstances should this fireplace be modified.
- Do not use the fireplace if any part has been under water.
- Do not operate the fireplace with the glass panel removed, cracked or broken.
- Keep the packaging material out of the reach of children. As with all plastic bags, these are not toys and should be kept away from children and infants.
- Servicing should only be done while the fireplace is disconnected from the power outlet.
- Unplug fireplace if not being used for an extended period of time.
- Do not operate this fireplace with a damaged cord or plug after the fireplace malfunctions, has been dropped, or damaged in any manner.
- Always plug this fireplace into a wall outlet or receptacle. Never plug this fireplace into a surge protector, extension cord, or relocatable power tap.
- Do not use outdoors.
- Never locate fireplace where it may fall into a bathtub or other water container.
- Do not run the cord under carpeting. Do not cover cord with throw rugs, runners, or the like. Arrange cord away from traffic area and where it will not be tripped over.
- Connect to properly grounded outlets only.
- Do not insert foreign objects into any ventilation or exhaust opening as this may cause an electric shock, fire, or damage to the fireplace.
- To prevent a possible fire, do not block the air intakes or exhaust in any manner. Do not use on soft surfaces, like a carpet, where openings may be blocked.
- Ensure clearances to combustibles are maintained when building a mantel or shelves above the fireplace. Elevated temperatures on the wall or in the air above the fireplace can cause melting, discoloration or damage to the decorations, a TV or other electronic components.

General Information

ETL Approval Listing Information

This fireplace has been tested in accordance with the ETL Intertek Standards for fixed and location-dedicated electric room appliances in the United States and Canada. If you need assistance during installation, please contact our technical support department at 800-215-1990.



Fireplace Specifications

Model Number	80073	80074
Description	BurnBrite Oak Log 22"	BurnBrite Oak Log 27"
Voltage	120v AC	120v AC
Watts	Max 1500W	Max 1500W
Amps	15 AMP	15 AMP
Fireplace Width	22"	27"
Fireplace Height	18 3/4"	18 3/4"
Fireplace Depth	9 3/4"	9 3/4"
Shipping Weight	22lbs	38lbs
Fireplace Weight	18lbs	33lbs

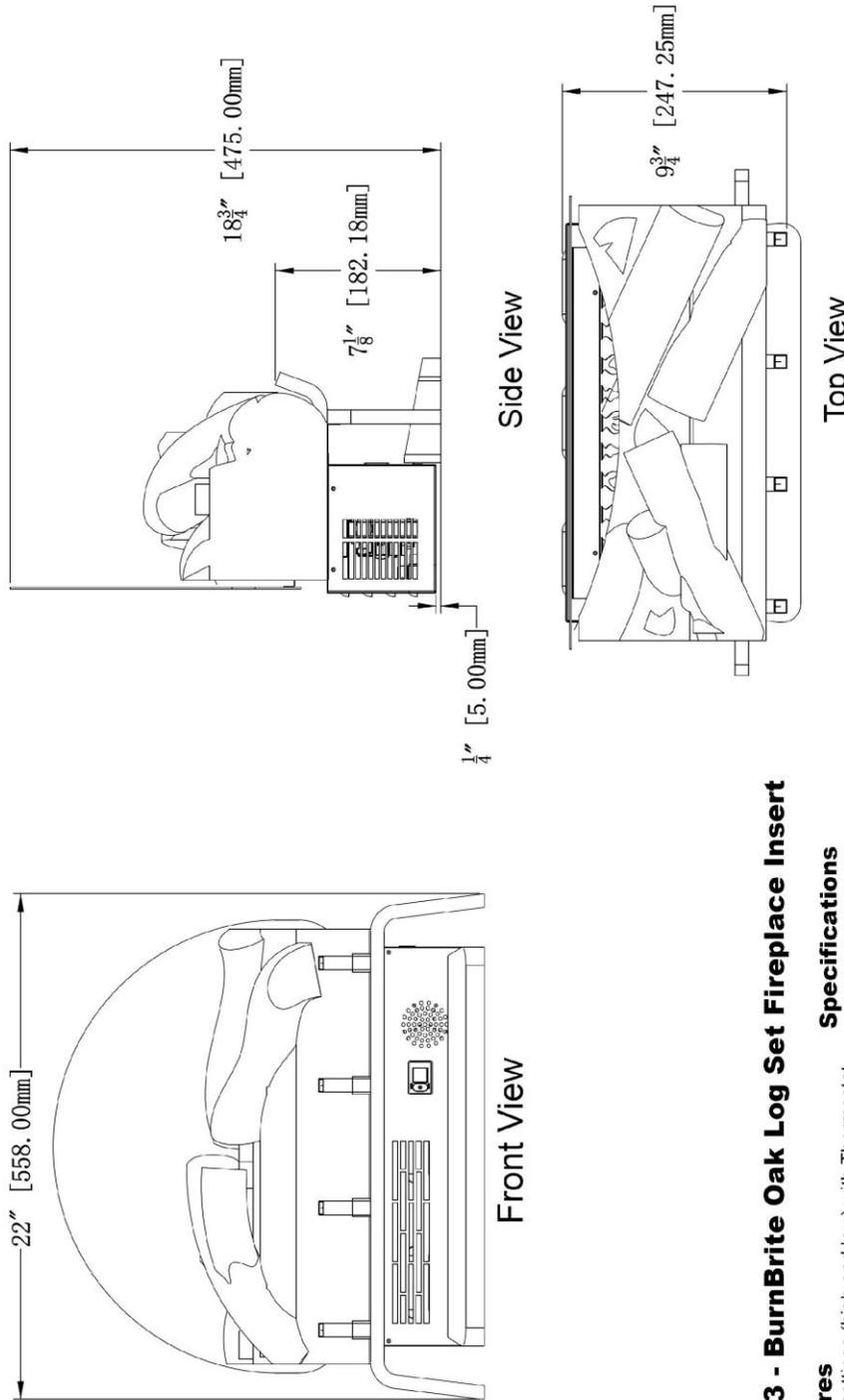
Serial Number Label

Each Touchstone Home Products Electric Fireplace contains a serial number label on the shipping box. Please remove the shipping label and place the label on the back page of this manual for future reference.



Dimensional Drawings

80073 – BurnBrite Oak Log Set 22” Fireplace Insert



80073 - BurnBrite Oak Log Set Fireplace Insert

Features

- 2 heat settings (high and low) with Thermostat (64° to 90°)
- 3 Flame Colors and 10 Ember Bed Colors
- Remote control for heat and flame setting
- Built-in timer mode for shut off in 30 minutes to 8 hours
- Speaker that projects a fire crackling sound
- Wifi-app Compatible (Amazon Alexa and Google Assistant)

Specifications

- Frame color: Black
- Watts: 1500
- BTU's: 5000
- Room Coverage: 400 ft.
- Voltage: 110v-120v
- Amps: 12
- Minimum Fireplace Opening: 22 1/4"W x 19"H x 10"D

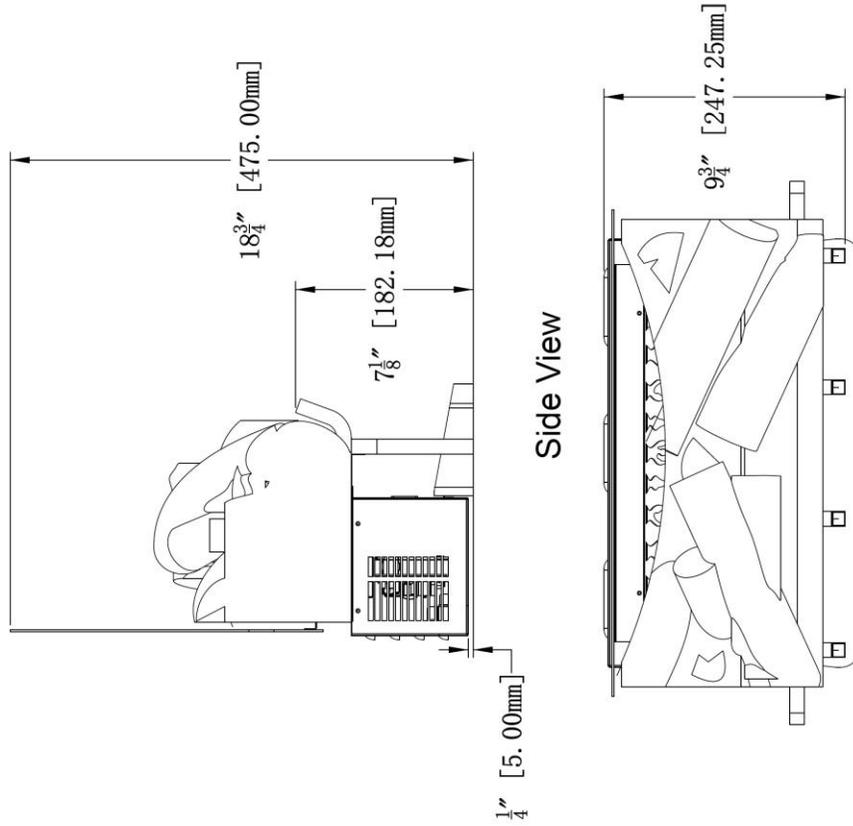
BurnBrite Oak Log Set Fireplace Insert
PN: 80073



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Exceeding Expectations
Updated: 10/10/2025

80074 – BurnBrite Oak Log Set 27” Fireplace Insert



80074 - BurnBrite Oak Log Set Fireplace Insert

Features

- 2 heat settings (high and low) with Thermostat (64° to 90°)
- 3 Flame Colors and 10 Ember Bed Colors
- Remote control for heat and flame setting
- Built-in timer mode for shut off in 30 minutes to 8 hours
- Speaker that projects a fire crackling sound
- Wifi-app Compatible (Amazon Alexa and Google Assistant)

Specifications

- Frame color: Black
- Watts: 1500
- BTUs: 5000
- Room Coverage: 400 ft.
- Voltage: 110v-120v
- Amps: 12
- Minimum Fireplace Opening: 27 1/4"W x 19"H x 10"D

BurnBrite Oak Log Set Fireplace Insert

PN: 80074



**PREMIUM
ELECTRIC FIREPLACES
& TV LIFTS**

Exceeding Expectations
Updated: 03/02/2026

Unpacking Your Fireplace

Parts and Hardware

Tools Required

- Phillips screwdriver
- Stud finder
- Level
- Tape measure
- Electric drill
- 1/4" wood drill bit

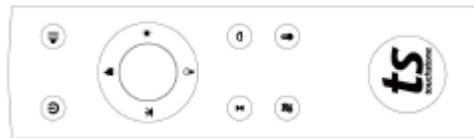
What's in the Box



BURNBRITE Oak Log Set



2 Thumb Screws



Remote Control



Mirage Glass
Panel



Ember Bed

Unpacking and Setup

Unpacking Instructions

- Remove all parts and hardware from the carton and place them on a clean, soft, dry surface. Check the parts list to make sure no parts are missing. If parts are missing, please contact technical support at 800-215-1990 for replacement parts.

NOTE: Dispose of plastic bag, as it may cause choking hazard with young children. Do not let children play with plastic bag.

Wiring

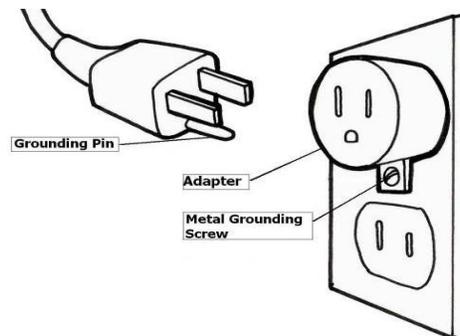
The BurnBrite™ Oak Log Set Fireplace Insert must be plugged into a grounded 3-prong 110v outlet.

Testing the Fireplace Prior to Installation

- Before installing the fireplace, test the fireplace to make sure that it operates properly.
- Plug fireplace into approved outlet and power on fireplace. Once fireplace is tested, continue with installation.
- If you have any problems, please contact technical support at 800-215-1990.

3-prong Outlet Installation

- Only use this fireplace on a 120V AC, 15-Amp grounded circuit. Never overload the circuit. If this fireplace trips the circuit breaker, unplug all other appliances on the same circuit before the next use. Avoid plugging other appliances into the same circuit as this fireplace.
- Always check the fireplace plug and connections before each use.
- Never plug this fireplace into an outlet that is cracked or has any loose wires or connections. Plugging this fireplace into a faulty outlet could result in the outlet overheating or catching fire.
- Always plug this fireplace into a wall outlet or receptacle. Never plug this fireplace into a surge protector, extension cord, or relocatable power tap.
- Make sure this plug fits securely into the outlet. Faulty wall outlet connections or loose plugs can cause the outlet to overheat. If the outlet or faceplate is hot, discontinue use immediately and have a qualified electrician inspect and/or replace the faulty outlet.
- The power cord supplied with the heater has three prongs: two flat blades (live and neutral) and one round pin (ground). If a 3-slot receptacle is not available, an adapter **MUST** be used. The adapter **MUST** be properly grounded to the outlet box (see figure below).



NOTE: Adapter NOT INCLUDED.

Installation

WARNINGS

- Due to high temperatures, keep the fireplace out of high traffic locations.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 36” away from the front of the fireplace.
- Never install the fireplace where it may fall into a bathtub or other body of water.
- Wear safety gloves and safety glasses for protection during installation. Broken glass may cause injury or harm.
- Prevent contact with loose insulation. Do not install the fireplace against a vapor barrier or exposed insulation.
- Do not expose the fireplace to the elements (rain, etc).

Ember Bed Installation

1. Install the ember bed in front of the oak log fireplace insert, by resting the ember bed on the metal strip above the LED lights



2. When installed, the ember bed will cover the LED light strip under the logs.



Mirage Glass Panel Installation

1. The mirage glass panel has 2 sides, MATTE and MIRROR surface. Choose the MATTE surface to face front.



Mirage Glass Panel
Matte Side

2. The 2 holes in the bottom of the mirage glass panel will line up with the 2 holes on the back of the oak log insert. Once aligned, fasten the 2 screws to the



Mirage glass mounting holes
on back of oak log insert



Attach thumb screws to install
mirage glass panel

3. Once in place, fasten the mirage glass panel to the oak log insert with 2 screws.



Finished Assembly

Operating Fireplace

Once the fireplace has been plugged into a grounded outlet, the fireplace is now ready for operation. Ensure that the house circuit breakers for the power supply are turned on.

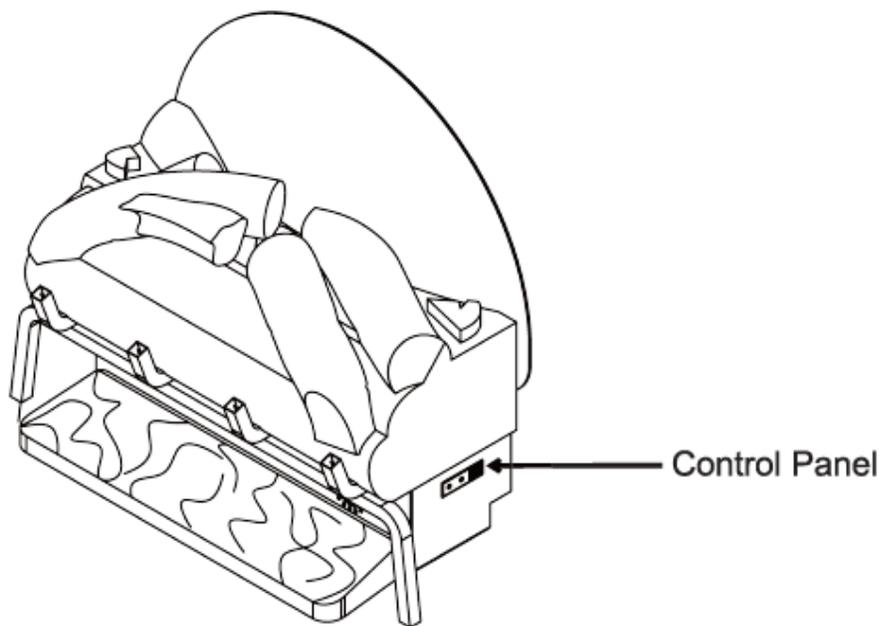
Power

Plug the power cable into a 110v 15 amp grounded outlet. Make sure the outlet is in good condition and that the plug is not loose. **NEVER** exceed the maximum amperage for the circuit. **DO NOT** plug other appliances into the same circuit.

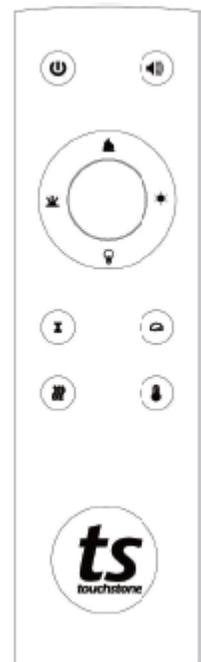
Always plug this fireplace into a wall outlet or receptacle. Never plug this fireplace into a surge protector, extension cord, or relocatable power tap.

Methods of Operation

This electric fireplace can be operated by the CONTROL PANEL, located in the upper righthand corner of the fireplace, or by the WIRELESS REMOTE CONTROL. The operation and functions of both methods are the same.



Control Panel



Remote Control

Method of Operation – cont.

Control Panel Functions

BUTTON	FUNCTION	ACTION & INDICATION
 POWER	<p>ON: Enables control panel functions and remote control. Turns on flame effect.</p> <p>OFF: Disables control panel functions and remote control. Turns off flame effect.</p>	<ol style="list-style-type: none"> Press once. Indicator light turns on. Power turns on. All functions enabled. Press again. Flame effect turns off. Unit goes to standby. All functions turn off.
 HEATER	<p>Heater button: Turns heater on and off.</p> <p>NOTE: The heater only works when the flame effect is ON. If the flame effect is OFF, the heater will not turn on.</p> <p>NOTE: To prevent overheating, the heater blows cool air for 10 seconds before the heater turns on, and after it turns off.</p>	<ol style="list-style-type: none"> Press once. Indicator lights up. Fan blows cool air for 10 seconds. Low heater turns on and blows warm air. Press again. Indicator lights up. High heater turns on and blows hot air. Press again. Heaters turn off. The fan blows cool air for 10 seconds and then turns off.

Method of Operation – cont.

Wireless Remote Control Functions

BUTTON	FUNCTION	ACTION & INDICATION
 POWER	<p>ON: Enables control panel functions and remote control. Turns on flame effect.</p> <p>OFF: Disables control panel functions and remote control. Turns off flame effect.</p>	<ol style="list-style-type: none"> Press once. Indicator light turns on. Power turns on. All functions enabled. Press again. Flame effect turns off. Unit goes to standby. All functions turn off.
 TEMP	<ol style="list-style-type: none"> Press once: Touch panel indicator activates Press again until desired temperature is reached. Digital display shows setting circles as below: Fahrenheit Range: 64° to 90° Celsius Range: 18° to 31° <p>NOTE: Press and HOLD the button for 5 seconds to switch between °C and °F.</p> <p>NOTE: If the room temperature is ABOVE the temperature listed on the display, the heater will not turn ON. The room temperature needs to be below the temperature listed on the display for the heater to turn ON.</p>	
 HEATER	<p>Heater button: Turns heater on and off.</p> <p>NOTE: The heater only works when the flame effect is ON. If the flame effect is OFF, the heater will not turn on.</p> <p>NOTE: To prevent overheating, the heater blows cool air for 10 seconds before the heater turns on, and after it turns off.</p>	<ol style="list-style-type: none"> Press once and the indicator lights up. Fan blows cool air for 10 seconds. Low heater turns on and blows warm air. Press again and the indicator lights up. High heater turns on and blows hot air. Press again and the heater turns OFF. The fan blows cool air for 10 seconds and then turns off.
 SPEED	<p>Flame Speed button: Controls the speed of the flame. There are 3 flame speed settings: 01 (slowest), 02 , 03 (fastest).</p>	<ol style="list-style-type: none"> Press once to change the flame speed. Press again until desired setting is reached. Display shows the setting. <p>NOTE: The Default setting is 03 (medium speed)</p>
 TIMER	<p>Timer button: Controls timer settings to turn off fireplace at selected time.</p> <p>Settings range from 30min to 8 hours. (30min, 1H, 2H, 3H, 4H, 5H, 6H, 7H, 8H)</p>	<ol style="list-style-type: none"> Press once and the indicator lights up. Timer is set to 30 min. <p>Press a second time and timer increases to 1 hour. Each subsequent press adds 1 hour. Press until desired time is reached. Max is 8 hours.</p>
 FIRE CRACKLE SOUND	<p>Fire Crackle Sound: Turns ON/OFF and controls the volume of the fire crackle sound.</p>	<ol style="list-style-type: none"> Press once to turn on the fire crackle sound. Press again until the desired volume is reached. There are 3 volume settings (low, medium, high).

Method of Operation – cont.

Wireless Remote Control Functions – cont.

BUTTON	FUNCTION	ACTION & INDICATION
 FLAME BRIGHTNESS	<p>Flame button: Each press of the flame button makes flame effect dimmer and brighter.</p> <p>NOTE: Flame effect stays on until power button is turned off. Flame effect must be on for heater to turn on.</p>	<ol style="list-style-type: none"> 1. Press once to change the flame brightness. 2. Press again until desired flame brightness setting is reached.
 FLAME COLOR	<p>Flame Color button: Changes the color flame effect.</p> <p>NOTE: Color effect stays on until power button is turned off. Color flame effect must be on for heater to turn on.</p> <p>NOTE: The fireplace will remember the last flame color used when the fireplace is turned off. Unplugging the fireplace will reset the color to the default color.</p>	<ol style="list-style-type: none"> 1. Press once to change the flame color. 2. Press again until desired setting is reached. There is a total of 3 different flame color combinations.
 EMBER LIGHTS	<p>LED Ember light button: Changes the color of the embers below the crystals/logs.</p> <p>NOTE: Ember color effect stays on until power button is turned off.</p> <p>NOTE: The fireplace will remember the last flame color used when the fireplace is turned off. Unplugging the fireplace will reset the color to the default color.</p>	<ol style="list-style-type: none"> 1. Press once to change the ember color. 2. Press again until desired setting is reached. There is a total of 10 different ember color combinations. 3. Auto-cycle function: When pressing with the 11th time, the LED ember light will do auto-cycling (NOTE: It will take 15 seconds to switch between colors.)
 EMBER BRIGHTNESS	<p>LED Ember light brightness button: Makes the LED ember lights on bottom effect change brightness.</p> <p>NOTE: LED Ember light brightness effect stays on until power button is turned off.</p>	<ol style="list-style-type: none"> 1. Press once. LED ember light color changes brightness. 2. Press again until desired setting is reached. In total 5 levels. From F0 (off) - F1 - F2 - F3 - F4 (100%) F5 (cycle)

Remote Control Operation

- This remote control uses 2 AAA batteries (**not included**).
- To improve operation of the remote control, aim the remote control at the front of the fireplace. **DO NOT PRESS the buttons too quickly.** Give the unit time to respond to each command.
- **NOTICE: NEVER** dispose of batteries in fire. Failure to observe this precaution **may result in an explosion.** Dispose of batteries at your local hazardous material processing center.

Temperature Limiting Control

This heater is equipped with a Temperature Limiting Control. Should the heater reach an unsafe temperature, the heater will automatically **TURN OFF**. To reset, please do the following:

1. Unplug the power cord from the outlet.
2. Turn ON/OFF switch on the CONTROL PANEL to OFF. Wait 5 minutes for fireplace to cool down.
3. Inspect the fireplace to make sure no vents are blocked or clogged with dust or lint. If they are, use a vacuum to clean the vent areas.
4. With the POWER switch in the OFF position, plug the power cord back into the outlet.
5. If the problem continues, have your outlet and wiring inspected by a professional. If the outlet is OK, please contact our customer support department at 800-215-1990.

Care and Maintenance

Cleaning

- **ALWAYS** turn the heater **OFF** and unplug the power cord from the outlet before cleaning, performing maintenance, or moving the fireplace. Failure to do so could result in electric shock, fire, or personal injury.
- **NEVER** immerse in water or spray with water. Doing so could result in electric shock, fire, or personal injury.

Metal:

- Buff using a soft cloth, slightly dampened with citrus oil-based product.
- **DO NOT** use brass polish or household cleaners, as these products will damage the metal trim.

Glass:

- Use a good quality glass cleaner sprayed onto a cloth or towel. Dry thoroughly with a paper towel or lint-free cloth.
- **NEVER** use abrasive cleansers, liquid sprays, or any cleaner that could scratch the surface.

Vents:

- Use a vacuum or duster to remove dust and dirt from the heater and vent areas.

Plastic:

- Wipe gently with a slightly damp cloth and a mild solution of dish soap and warm water.
- **NEVER** use abrasive cleansers, liquid sprays, or any cleaner that could scratch the surface.

Maintenance

- **RISK OF ELECTRIC SHOCK! DO NOT OPEN any panels. No user-serviceable parts inside!**
- **ALWAYS** turn the heater **OFF** and unplug the power cord from the outlet before cleaning, performing maintenance, or moving the fireplace. Failure to do so could result in electric shock, fire, or personal injury.

Electrical and Moving Parts:

- The fan motors are lubricated at the factory and will not require lubrication.
- Electrical components are integrated in the fireplace and are not serviceable by the customer.

Storage:

- Store fireplace in a clean, dry place when not in use.

Warranty

Touchstone Home Products™, Inc warrants our electric fireplaces to be free of defects in material and workmanship for one year from date of purchase. Touchstone will repair or replace any fireplace or fireplace part that is deemed defective or becomes defective during normal use within one year after the date of purchase.

Electrical components, such as fan motor, heater motor, control board, remote control, and control panel are covered under warranty for one year from date of purchase. Touchstone Home Products™ will provide replacement parts free of charge during the first year of the warranty.

Replacement parts and fireplace units are covered under a 90-day warranty or the remainder of the original one year manufacturer's warranty from original date of purchase, whichever is greater.

Touchstone Home Products™, Inc does not warrant its products against damage caused by third parties.

Touchstone Home Products™, Inc does not cover damages caused by misuse, alterations, accident, lack of maintenance, abuse or neglect. Parts installed from other manufacturers will void this warranty.

The warranty does not cover paint scratches, cosmetic blemishes, dents, corrosion, or other normal wear and tear associated with the fireplace. Damage to fireplace or other components due to water, weather damage, long periods of dampness, condensation, damaging chemicals or cleaners are not covered under warranty.

This warranty does not cover breakage of fireplace glass panel.

Touchstone Home Products™ will not be responsible for installation, labor, or any other expenses related to the reinstallation of a warranted part, and such expenses are not covered under warranty.

Extended warranty coverage for the fireplace is available by contacting Touchstone Home Products™ directly at 1-800-215-1990.



CALL US FIRST!
DO NOT RETURN TO STORE.



For immediate help with assembly, product information,
or if your product arrives damaged, call our toll-free number at

800-215-1990

or email:

customerservice@thpus.com

Our staff is ready to provide assistance.

Affix Serial Number Label Here