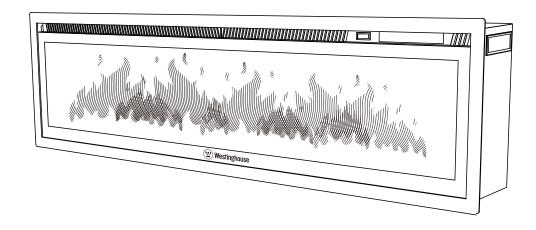


# User Manual

## **ELECTRIC FIREPLACE**

Model No.: □ WTH-50EF12A1 □ WTH-60EF12A1 □ WTH-74EF12A1



#### ? CONSUMER SAFETY INFORMATION

- Read this manual before installing and operating this appliance.
- Failure to follow these instructions may result in electric shock, fire, or personal injury
- Do not store or use gasoline or other flammable liquids in the vicinity of this appliance.



and WESTINGHOUSE are trademarks of Westinghouse Electric Corporation. Used under license by Westinghouse Fireplace (Ningbo) Co., Ltd. All Rights Reserved

CONTACT US: fireplace@efp.westinghouse.com

# **CONTENTS**

1.	NOTICE TO USERS	01
2.	PARTS AND HARDWARE	03
3.	PRODUCT DIMENSIONS	03
4.	INSTALLATION AND ASSEMBLY	04
5.	CONTROL DESCRIPTION	12
6.	REMOTE CONTROL DESCRIPTION	15
7.	WI-FI LINK CONTROL	19
8.	CARE AND MAINTENANCE	22
9.	ELECTRICAL SCHEMATICS	24
10.	CUSTOMER SUPPORT	25

# **IMPORTANT SAFETY INFORMATION!**



# **WARNING**



- 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. If provided, use handles when moving this heater. 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 vulnerable individuals 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 or has been
  dropped or damaged in any manner. Discard heater, or return to authorized service facility for examination
  and/or repair.
- DO NOT run power cord under carpeting. DO NOT cover power cord with throw rugs, runners, or similar coverings. DO NOT route power cord under furniture or appliances. Arrange power cord away from high-traffic areas, where it will not be tripped over.

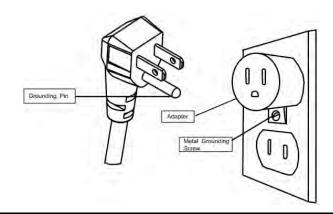


# **WARNING**



- Connect to properly grounded outlets ONLY.
- DO NOT insert or allow foreign objects to enter any ventilation or exhaust openings, as this may cause electric shock or fire, or damage the heater.
- To prevent a possible fire, DO NOT block air intakes or exhaust in any manner. Doing so could cause a fire.
   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, 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).
- DO NOT place the heater near a bed because objects such as pillows or blankets can fall off the bed and be ignited by the heater.
- **NEVER** use this heater in **bathrooms**, **laundry rooms**, or in any other location where the heater could fall into a **bathtub** or **pool**, **become damp**, **or come into contact with water**.
- TO AVOID FIRE, regularly inspect all air vents to make sure they are free from dust, lint, or other blockages. Unplug the unit and clean with a vacuum ONLY. DO NOT rinse or get wet.
- ALWAYS mount to wall bracket before use. DO NOT set on the floor, or other surface, to use.

- NEVER use a wall mount bracket from another manufacturer.
- This product is **not intended** to be a **primary heat source**. It is for **supplemental heat only**.
- INDOOR use only! NEVER use this heater outdoors! Doing so may result in electric shock!
- Risk of electric shock! DO NOT OPEN! No user-serviceable parts inside!
- ALWAYS turn this heater off before unplugging it from the outlet.
- ALWAYS disconnect this unit from the power supply before performing any assembly or cleaning, or before relocating the electric fireplace.
- NEVER leave this heater unattended. ALWAYS unplug this heater when not in use.
- ALWAYS store this heater in a dry location. NEVER use the fireplace if it has become wet.
- NEVER plug this heater into an outlet that is old, cracked, or has any loose wires or connections.
  Plugging this heater into a faulty outlet could result in electric arcing within the outlet that could cause the outlet to overheat or catch fire.
- ALWAYS check your heater cord and plug connections with each use!
  - i) **MAKE SURE** the plug fits tightly into the outlet! Faulty wall outlet connections or loose plugs can cause the outlet to overheat.
  - ii) **Heaters draw more current** than small appliances. **Overheating** may occur even if it has not occurred with the use of other appliances.
  - iii) During use, **check frequently** to see if the **plug outlet or face plate** is **HOT!**
- iv) If the outlet or face plate is **HOT**, **discontinue use immediately** and have a qualified electrician inspect and/or replace the faulty outlets.
- The power cord supplied with the heater has a plug with 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 to the right). (Note: Adapter NOT INCLUDED.)
- SAVE THESE INSTRUCTIONS!



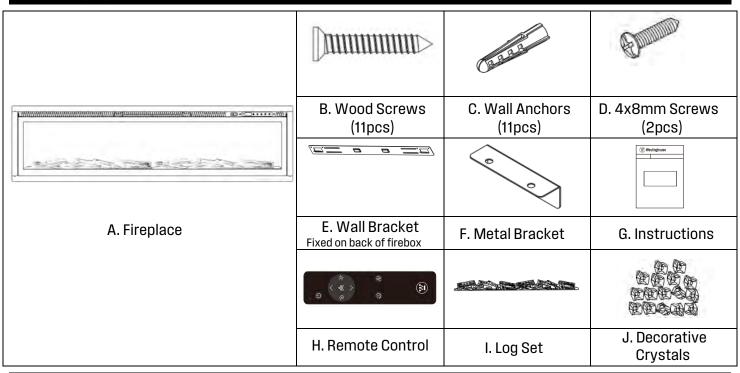
## **PREPARATION**



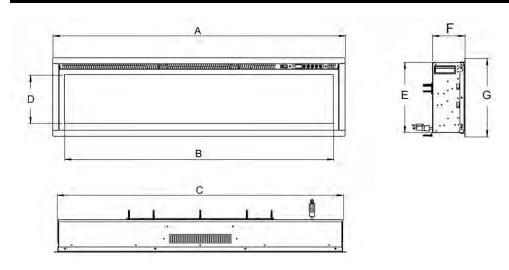
This product includes a **GLASS panel!** Always use **extreme caution** when handling **glass**. Failure to do so could result in **personal injury or property damage.** 

Remove all parts and hardware from the box and place them on a clean, soft, dry surface. Parts and assembly steps are grounded for wall-hanging or recessing use. Check the parts list to make sure nothing is missing. Dispose of packaging materials properly. Please recycle whenever possible. You will need the following tools (not included): Phillips screwdriver; stud finder; level; tape measure; electric drill; battery; 1/4 wood drill bit, hammer.

# PARTS & HARDWARE



# **SPECIFICATIONS AND DIMENSIONS**



## **PRODUCT DIMENSIONS**

Model Number	Α	В	С	D	Е	F	G
WTH-	50.0"	46.0"	48 3/4"	8 11/32"	12 15/32"	5 37/64"	13 27/64"
50EF12A1	1270mm	1168mm	1238mm	212mm	306mm	141.5mm	341mm
WTH-	60.0"	56.0"	58 3/4"	8 11/32"	12 15/32"	5 37/64"	13 27/64"
60EF12A1	1524mm	1422mm	1492mm	212mm	306mm	141.5mm	341mm
WTH-	74"	70"	72 3/4"	10 43/64"	14 11/32"	5 37/64"	15 3/4"
74EF12A1	1880mm	1778mm	1848mm	271mm	364mm	141.5mm	400mm

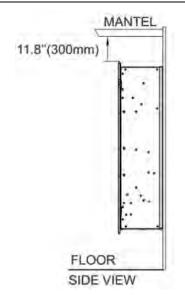
#### **INSTALLATION AND ASSEMBLY**

Your appliance is a wall-mounted, recessed, and/or mantel-installed appliance. Select a suitable location that is not susceptible to moisture and is away from drapes, furniture, and high-traffic areas. **NOTE: Follow all national and local electrical codes.** 

#### MINIMUM CLEARANCE TO COMBUSTIBLES

**MINIUMUM** 

Measurements are taken from the glass front.			
Bottom	0"	Тор	11.8" (300mm) to mantel
Sides	0"	Тор	11.8" (300mm) to ceiling
Back	0"		



#### **WARNING**

WHEN USING PAINT OR LACQUER TO FINISH THE MANTEL, THE PAINT OR LACQUER MUST BE HEAT RESISTANT TO PREVENT DISCOLORATION.

**MANTEL CLEARANCES** 

#### RECESSED TO WALL INSTALLATION (Tips: Wall bracket removal is NOT required.)

STEP1 Select a dry wall to open a hole for fireplace box. Figure (A)

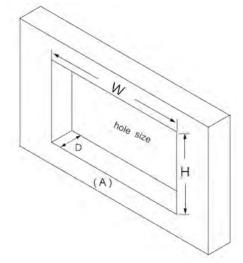
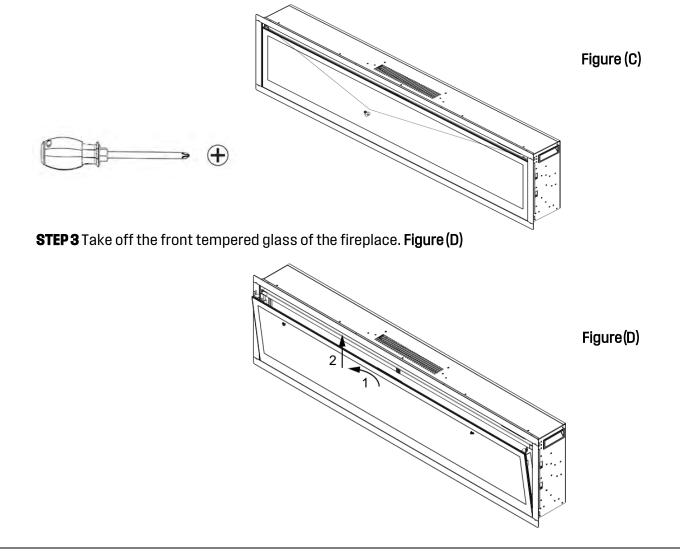


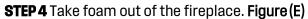
Figure (A) Hole Cut Size

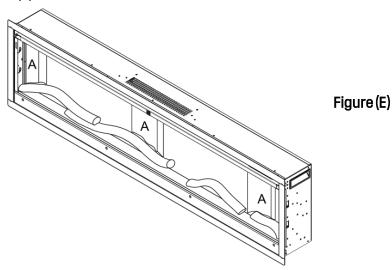
Size of hole as per below char - Framing Hole Size

Framing Hole Size			
Model Number	w	н	D
WTH-50EF12A1	49 3/64"	12 23/32"	6.0"
	(1246mm)	(323mm)	(152mm)
WTH-60EF12A1	59 3/64"	12 23/32"	6.0"
	(1500mm)	(323mm)	(152mm)
WTH-74EF12A1	73.0"	15.0"	6.0"
	(1856mm)	(381mm)	(152mm)

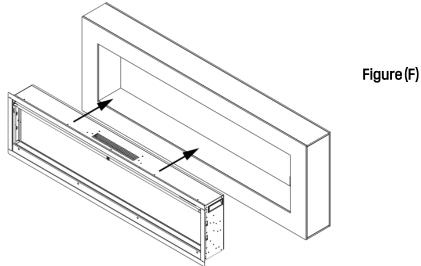
#### STEP 2 Remove two screws on both sides of the fireplace at front corner. Figure (C)



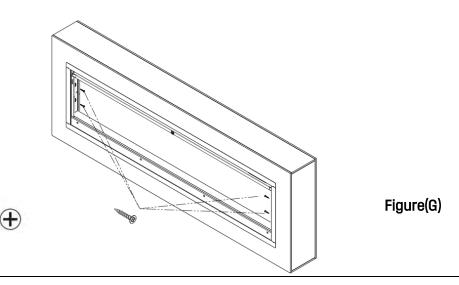


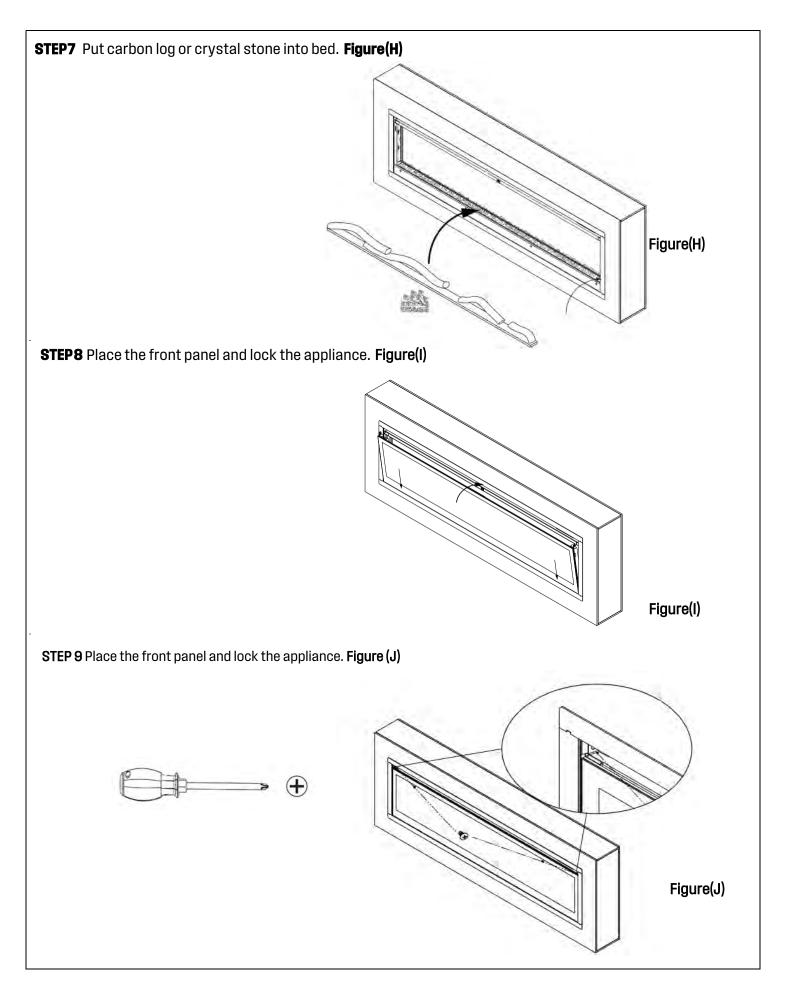


STEP 5 Have two people move the fireplace box into the wall hole or fireplace mantel. Figure (F) If the appliance is fully recessed into the wall:



STEP 6 Use the four screws (provided) to lock the appliance into wall with the existing two side flanges. Figure (G)





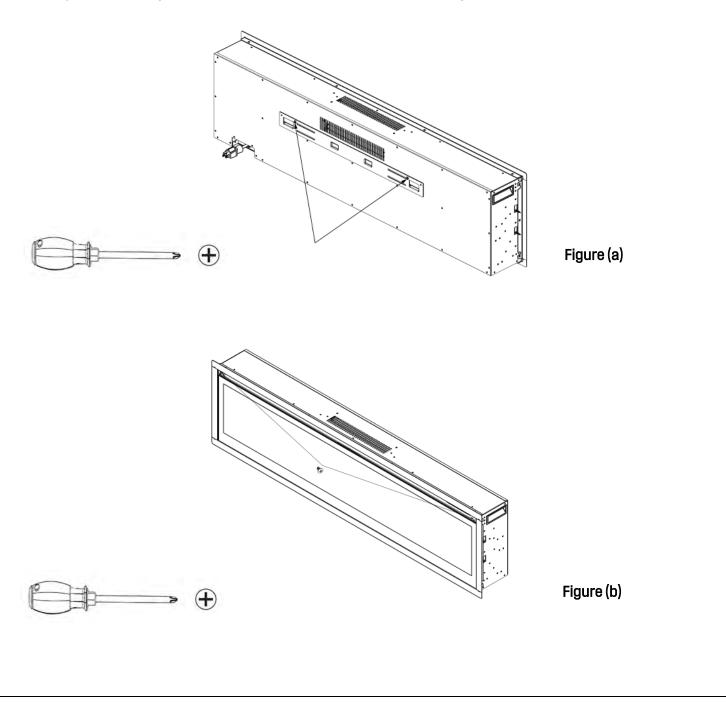
#### **WALL-MOUNTED INSTALLATION**

Due to the many different materials used in different walls, it is highly recommended that you consult your local builder before you install this appliance on the wall.

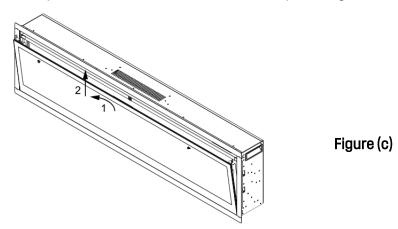
**STEP 1** Select a location that is not prone to moisture and is located at least 36" (914 mm) away from combustible materials such as curtains, drapes, furniture, bedding, paper, etc.

**STEP 2** Have two people hold the appliance against the wall to determine the final location.

STEP 3 Place unit face down on a soft, non-abrasive surface. Remove the bracket from the back of the unit by removing the screws. Figure (a) Remove four silver screws on both sides. Figure (b)



STEP 4 Take the glass panel out of the fireplace box. Place it in a soft and clean place. Figure (c)



STEP 5 Take foam(A) out of the fireplace. Figure(d)

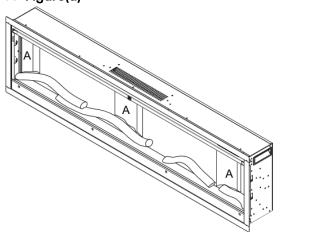
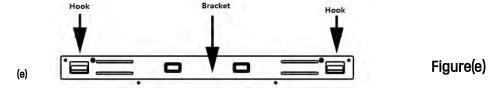
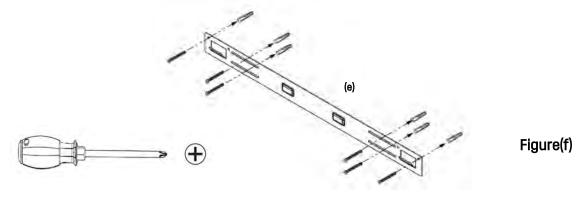


Figure (d)

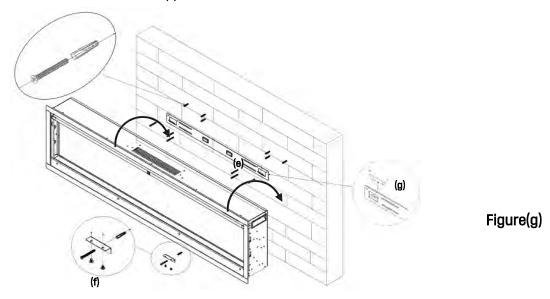
**STEP 6** Mark out location, then mount the bracket(part e) onto the wall using the supplied screws. This bracket MUST have the hooks facing upward and be level. **Figure(e)** 



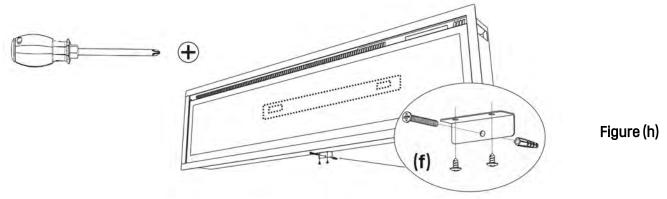
NOTE: It is strongly recommended that the mounting bracket(part e) be screwed into the wall studs where possible. If the wall studs cannot be used, ensure that the supplied plastic anchors are used to affix the bracket to the wall and that the bracket is adequately secured. **Figure(f)** 



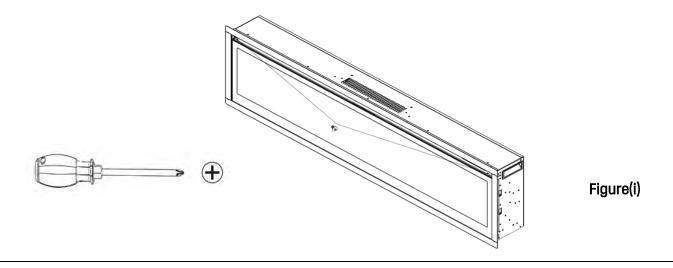
**STEP 7** With the wall-mounting bracket installed, have two people lift the appliance up and insert the two hooks on the bracket into the two slots on the back of the appliance.



**STEP 8** Fasten the metal bracket (f) at the back of fireplace with two 4 x 8 mm screws, and the other end to the wall with one drywall anchor.



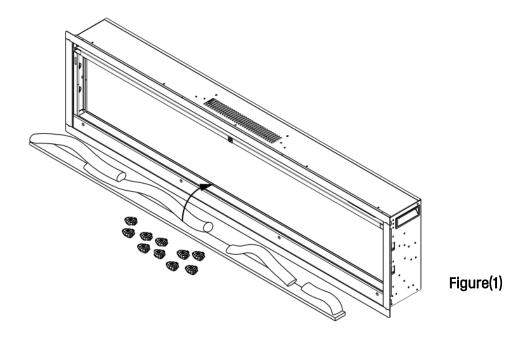
**STEP 9** Put carbon log or crystal stone into bed, then place the front panel and lock the appliance with  $4 \times 8 \text{ mm}$  screws. Figure (i)



#### LOG SET/CRYSTAL EMBER INSTALLATION

(Note: Please install according to the embers that you bought or selected.)

- \* Glass front must be removed and the appliance must be mounted in its final location before the log set/crystal embers are installed.
- \* If your fireplace comes with a log set, remove the log set from the package, then put it to proper place inside the fireplace, .Please refer to **Figure 1**
- \* If your fireplace comes with CLEAN CRYSTAL MEDIA: Crystals may have a fine oil residue that needs to be cleaned prior to installation. Clean them with mild dish soap, drain, rinse thoroughly, and dry before placing into the tray.
- \* Then place the crystal embers carefully into the bottom tray on the front of the appliance as illustrated. Apply an even layer from side to side, please refer to **Figure 1**



Implementation standards: Fixed and Location-Dedicated Electric Room Heaters [uL 2021] [CSA C22.2#46]

## **CONTROL DESCRIPTION**

#### **WARNING**



Read and make sure you understand this entire owner's manual, including all safety information, before plugging in or using this product.

Failure to do so could result in electric shock, fire, serious injury, or death.

#### **POWER**

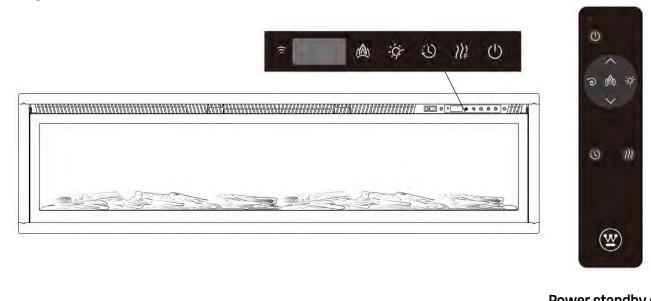
Make sure the ON/OFF switch, located on the control panel, is in the OFF position. Plug the power cord into a 120V 15A grounded outlet (see IMPORTANT SAFETY INFORMATION on pages 2 and 3). Make sure the outlet is in good condition and that the plug is not loose. NEVER exceed the maximum amperage for the circuit. DO NOT plug other appliances into the same circuit.

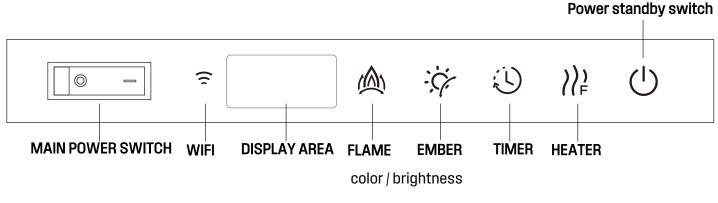
#### **METHODS OF OPERATION**

This electric fireplace can be operated by the button located on the glass panel at the top right-hand side of the fireplace, or by the battery-powered REMOTE CONTROL.

The operation and functions of the two methods are the same.

Before operating, please review the IMPORTANT SAFETY INFORMATION on pages 2 and 3, and heed all warnings.

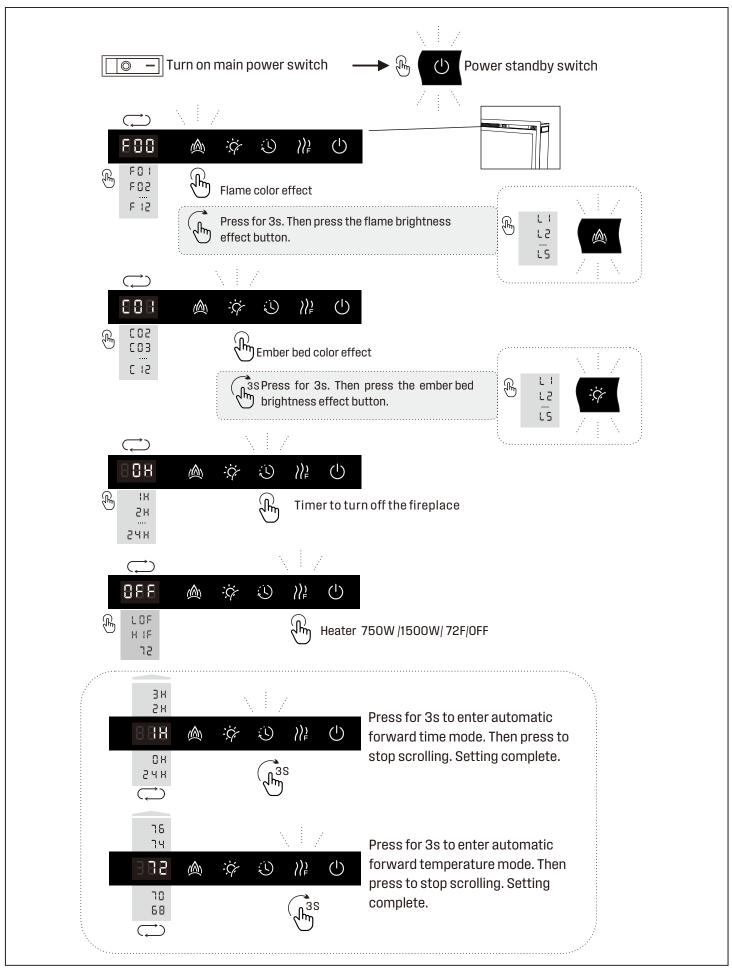




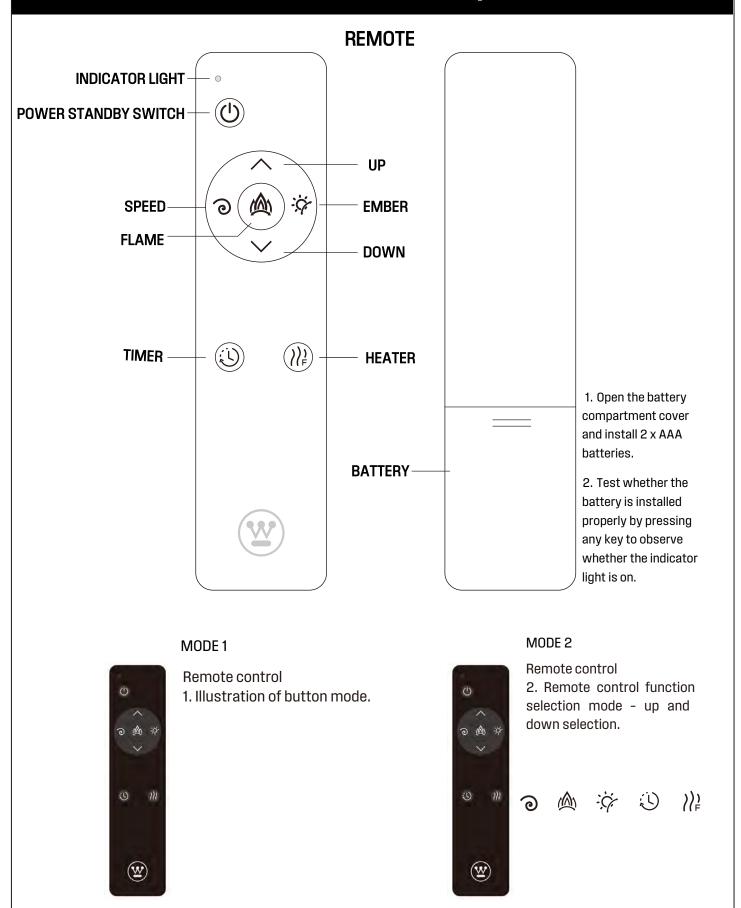


#### MAIN POWER SWITCH

BUTTON	FUNCTION	ACTIONS INDICATION
DOWER	ON: Enables control panel functions and remote control. Turns on flame effect. OFF: Disables control panel functions and remote control. Turns off flame effect.	<ol> <li>Press once. Indicator light turns on. Power turns on. All functions enabled.</li> <li>Press again. Indicator light turns off. Power turns off. All functions turn off.</li> </ol>
<b>⟩⟩</b> HEATER	HEATER button: Turns heater on and off.  NOTE: To prevent overheating, the heater fan will blow out cool air for 30 seconds after the heater turns off. TEMPERATURE button: Controls temperature settings to choose desired temperature. Settings range from 62°F to 82°F.	<ol> <li>Press once. Indicator lights up (LOF). 750W heater turns on and blows out warm air.</li> <li>Press again. Indicator lights up (HIF). 1500W heater turns on and blows hot air.</li> <li>Press again. Smart 72°F.</li> <li>Press again. Heaters turn off. The display shows "OFF".</li> <li>Hold button for 3 seconds to start temperature control mode. The temperature can be set to between 62°F and 82°F.</li> </ol>
TIMER	TIMER button: Controls timer settings to turn off fireplace at selected time. Settings range from 0 hours to 24 hours.	<ol> <li>Press once. Indicator light turns on.</li> <li>Press again until desired setting is reached (0-8 h). LED display shows setting.</li> <li>Hold button for 3 seconds to set between 0 and 24 hours.</li> </ol>
EMBER	EMBER button: Makes the ember bed color effect change. Makes the ember bed effect dimmer and brighter.	<ol> <li>Press once. Ember bed color effect changes (12 colors).</li> <li>Press again until desired setting is reached. When color is set to CO, the ember bed color will automatic change.</li> <li>Hold button for 3 seconds to make the ember bed effect dimmer and brighter (L5-L1).</li> </ol>
<b>A</b> FLAME	FLAME button: Makes the flame color effect change. Makes the flame effect dimmer and brighter.	1. Press once. Flame color effect changes (12 colors). 2. Press again until desired setting is reached. When color is set to FO, the flame color will automatically change. 3. Hold button for 3 seconds to make the flame effect dimmer and brighter (L5-L1).
UP	UP button: Flame & ember bed color/Dimmer and brighter/Timer/Flame speed/Temperature	Flame & ember bed color/Dimmer and brighter/Timer/Flame speed/Temperature.
<b>V</b> DOWN	DOWN button: Flame & ember bed color/Dimmer and brighter/Timer/Flame speed/Temperature	Flame & ember bed color/Dimmer and brighter/Timer/Flame speed/Temperature.
SPEED	FLAME SPEED button: Sets the flame speed (S5-S1).	Sets the flame speed (S5-S1).



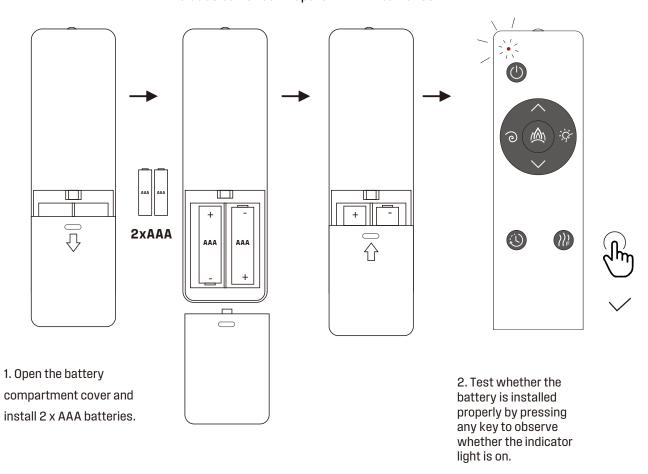
# **Remote Control Description**



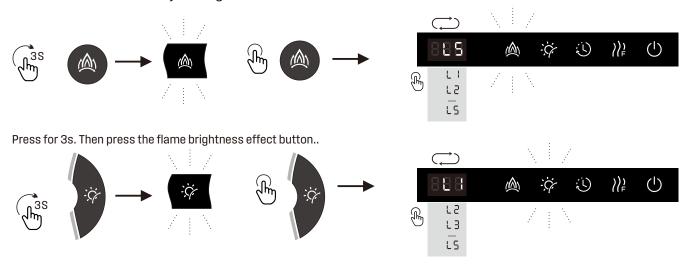
#### NOTICE

To improve operation, 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.

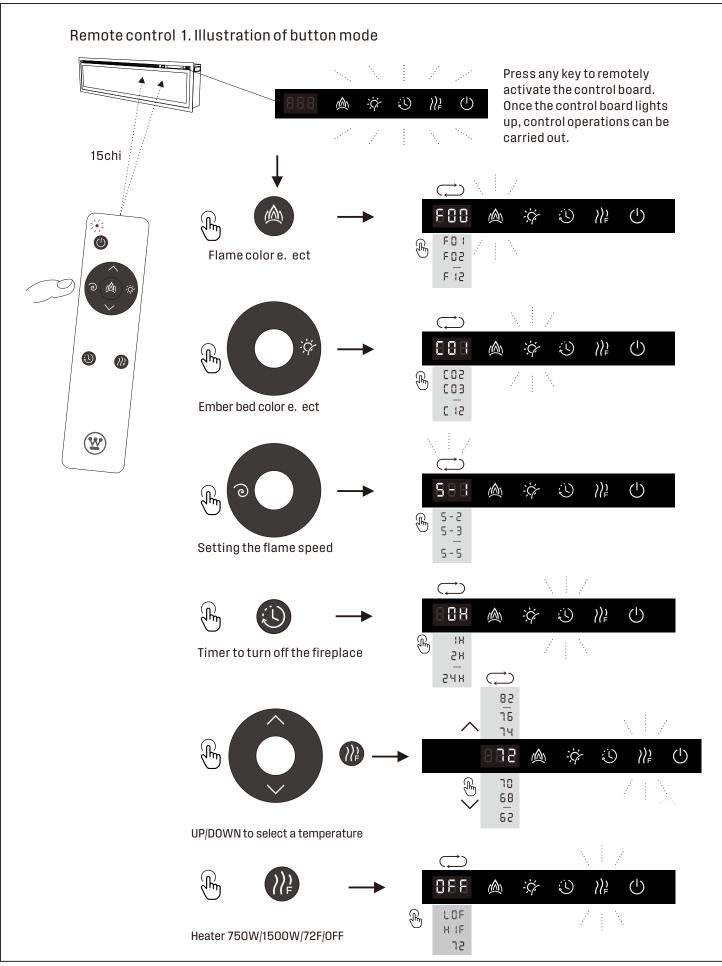
Excludes batteries. Prepare 2 x AAA batteries.

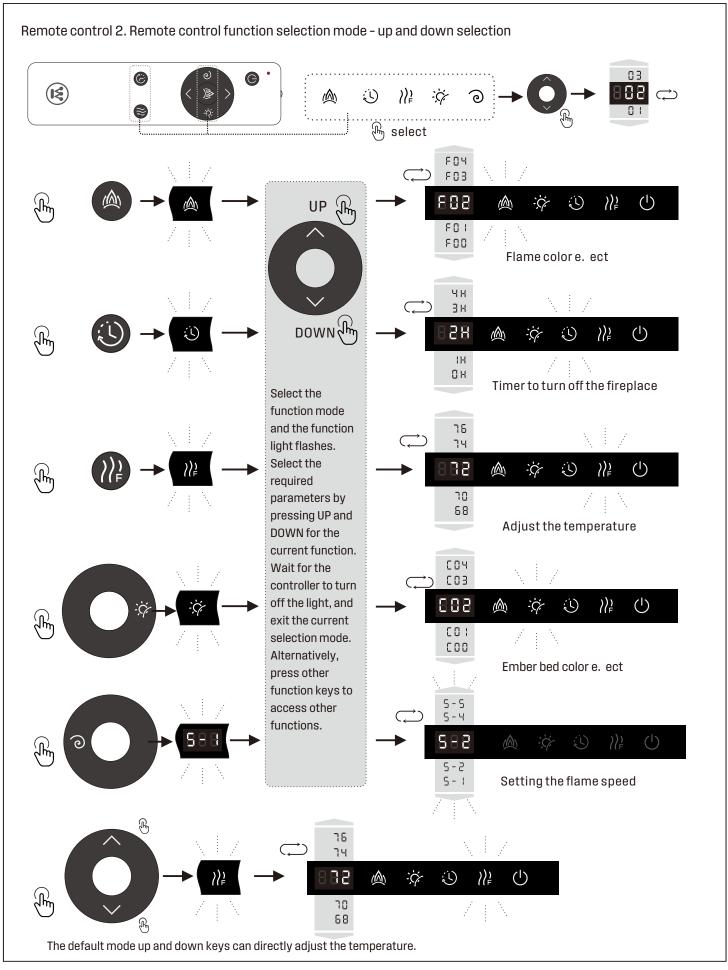


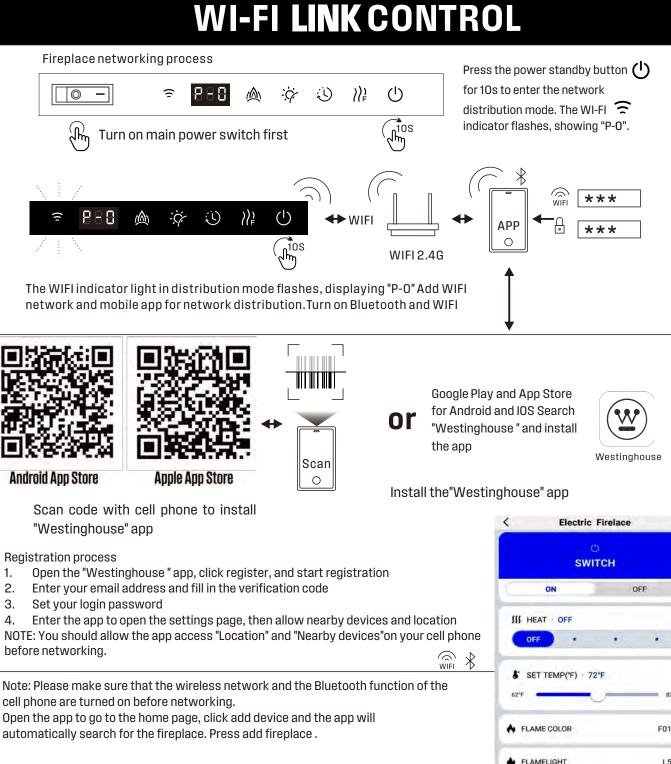
· Remote control to adjust brightness.



Press for 3s. Then press the ember bed brightness effect button..







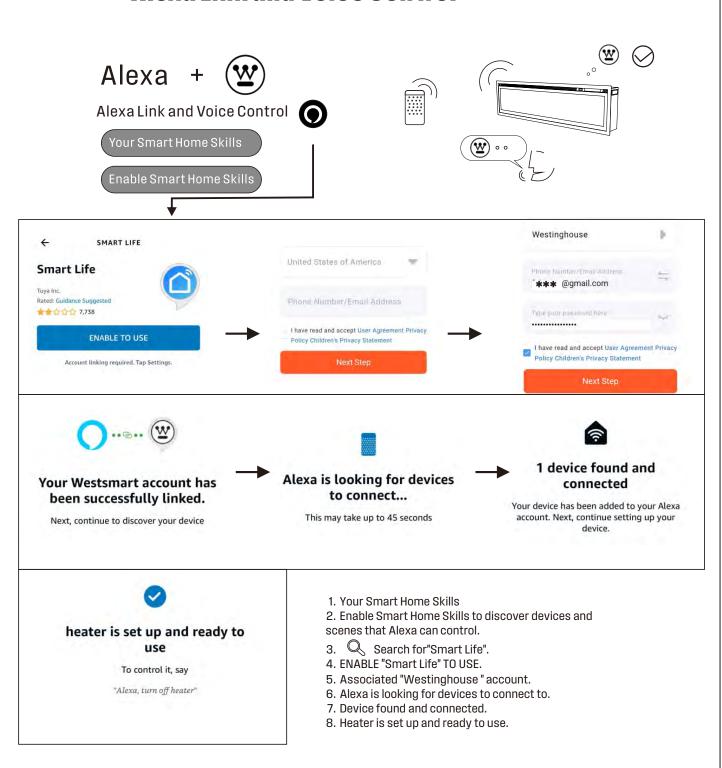
Westinghouse

#### WiFi connectivity

802.11 B/G/N20 Channel 1-14 @ 2.4GHz Supports Bluetooth 4.2 Low Energy Support WPA/WPA2 security mode Output power of +20dBm in 802.11b mode Support for SmartConfig functionality (including Android and IOS devices) Onboard PCB Onboard antenna Working temperature: -4°F to 185°F



## **Alexa Link and Voice Control**



Special statement: The content of this material has been carefully checked. If there are typographical errors and omissions in the content of this manual, in case of misunderstanding, the company reserves the right of final interpretation.

\* If the product is technically improved without notice, or the appearance and color of the product are changed, the actual product shall prevail.

#### For Both FCC & IC application:

This device complies with Part 15 of the FCC Rules / Industry Canada licence-exempt

RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est

susceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -Consult the dealer or an experienced radio/TV technician for help.

#### **MPE Requirements**

To satisfy FCC / IC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended.

Les antennes installées doivent être situées de facon à ce que la population ne puisse y être exposée à une distance de moin de 20 cm. Installer les antennes de facon à ce que le personnel ne puisse approcher à 20 cm ou moins de la position centrale de l'antenne.

La FCC des éltats-unis stipule que cet appareil doit être en tout temps éloigné d'au moins 20 cm des personnes pendant son functionnement.

#### **WARNING**

This product can expose you to chemicals including [name of one or more chemicals known to cause cancer, name of one or more chemicals known to cause reproductive toxicity, or name of one or more chemicals known to cause both cancer and birth defects or other reproductive harm], which is [are] known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov/furniture.

### **NOTICE 1**

When the heater is first turned on, a slight odor may be present. This is normal and should not occur again unless the heater is not used for a long period of time.

#### NOTICE 2

To improve operation, 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.

#### 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:

- 1. Unplug the power cord from the outlet.
- 2. Turn the ON/OFF switch on the CONTROL PANEL to OFF. Wait for 5- minutes.
- 3. Inspect the fireplace to make sure no vents are blocked, or clogged with dust or lint. If there 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.

#### Remote Control Battery Information

Excludes batteries. Prepare 2 x AAA batteries.



**NEVER** dispose of batteries in a fire. Failure to observe this precaution may result in an explosion.

Dispose of batteries at your local hazardous material processing center.

## **CARE AND MAINTENANCE**

#### Cleaning



**ALWAYS** turn the heater **OFF** and **unplug the power cord from the outlet** before cleaning, performing maintenance, or moving this 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 a 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 and 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.
- Clean the exterior of the fireplace with a slightly damp cloth or duster.

#### Maintenance



Risk of electric shock! DO NOT OPEN! No user-serviceable parts inside!



**ALWAYS** turn the heater **OFF** and **unplug the power cord from the outlet** before cleaning, performing maintenance, or moving this 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 consumer.

#### Storage:

• Store heater in a clean dry place when not in use.



**WARNING!** No other servicing should be performed by the consumer. Do not attempt to service the unit yourself.

#### Troubleshooting

# **AWARNING**

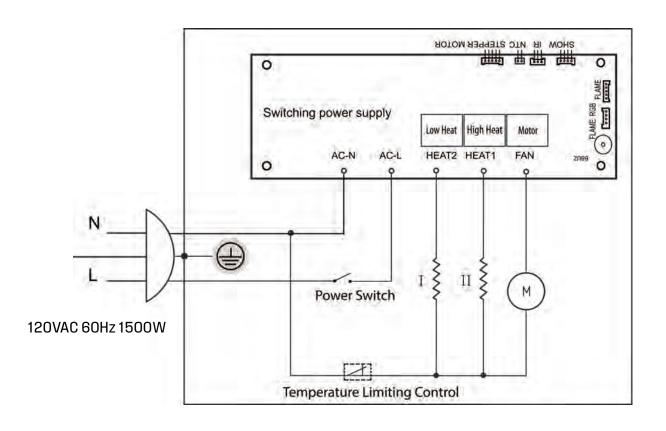
DISCONNECTED THE APPLIANCE COMPLETELY AND LET COOL PRIOR TO ANY SERVICE.

ONLY PROFESSIONAL TECHNICIANS CAN REPAIR THIS APPLIANCE.

PROBLEM	POSSIBLE CAUSE	SOLUTION		
Fireplace turns off and will not turn on.	1. Fireplace has overheated and safety device has caused thermal switch to disconnect or home circuit breaker has opened.	1. Reset switch by turning the main power switch off and waiting to turn it back on.		
Flame is not moving.	<ol> <li>Loose wiring.</li> <li>Flame motor defective.</li> <li>Flame rod out of place.</li> </ol>	<ol> <li>Inspect wiring for loose connections.</li> <li>Call a qualified service technician to replace flame motor.</li> <li>"Flame Rod" out of place due to rough transit/handing of the product.         This issue can be corrected by simply removing the glass, flipping the fireplace upside down, removing the set of screws that are holding the bottom frame plate, and placing the flame rod back into place.     </li> </ol>		

Flame is not visible.	1. Wiring is loose.	<ol> <li>Disconnect from power source and inspect wiring for loose connections and repair or replace if necessary.</li> <li>Push the flame button to high.</li> </ol>
Log set is not glowing.	<ol> <li>Wiring is loose.</li> <li>Ember mode is off.</li> </ol>	Disconnect from power source and inspect wiring for loose connections and repair or replace if necessary.
Remote control does not work.	<ol> <li>Low batteries.</li> <li>Not aiming remote control correctly.</li> <li>Defective remote control and/or sensor.</li> </ol>	1. Replace batteries in remote control. 2. Aim remote control at sensor located directly behind glass screen in center of unit just above logs. 3. Replace remote control and/or sensor.

# **ELECTRICAL SCHEMATIC**



## **CUSTOMER SUPPORT**

#### Returns

The returns policy refers to products purchased directly from Westinghouse Fireplace. Reseller sales are subject to the respective policies of the seller.

#### **Electric Fireplace Returns Policies**

• If an order arrives damaged, defective, or incomplete, please contact.

#### fireplace@efp.westinghouse.com

- If a product is discovered to be damaged or defective after fourteen (14) days of delivery, the product will be processed under its warranty.
- Westinghouse Fireplace does not accept returns for refunds due to customer change of mind more than thirty (30) days after delivery.
- Fireplaces may be returned due to customer change of mind in the original packaging and in saleable condition within thirty (30) days from the date of delivery.
- Product return warranty coverage does not include man-made damage to the product.
- Return shipping costs are the responsibility of the consumer.

#### Warranty

- 2-year warranty (2-year full replacement) .
- Replacement of any non-functioning electronic parts.

CONTACT US: fireplace@efp.westinghouse.com