

In Wall Recessed and Wall Mounted

Electric Fireplace

BI42Z Deep/BI50Z Deep/BI60Z Deep
BI72Z Deep/BI88Z Deep

OWNER'S MANUAL



 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.

120V AC;60Hz; 1500W

CONTENT

1. Important Safety Information	1
2. Technical Specifications	4
3. Before Installation	5
4. Installation Instruction	7
4a. Recessed into the Wall	9
4b. Hang on the Wall	13
5. Operation Instruction	17
5a. Manual Control Panel	18
5b. Remote Control	18
6. Care and Maintenance	20
7. Limited Warranty	21
8. Troubleshooting Guide	22
9. Schematic Diagram	25

1. IMPORTANT SAFETY INFORMATION

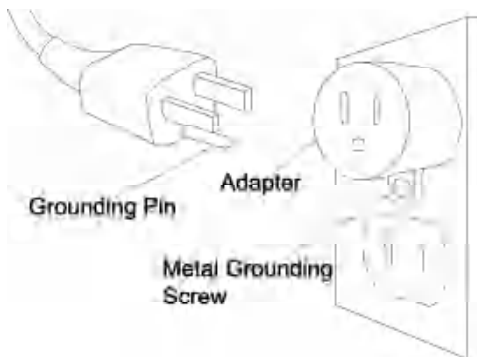
WARNING

- Read all instructions before using this appliance.
- Use this appliance only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- **DO NOT** use outdoors.
- **NEVER** use this appliance in **bathrooms, laundry rooms**, or any other location where the appliance could fall into a **bathtub** or **pool**, become damp, or come in contact with water.
- **For residential use only. NOT for commercial use!** Any commercial or public use of this appliance **voids all warranties**, and could cause injury.
- This product is **not intended** to be a **primary heat source**. It is for **supplemental heat only**.
- **DO NOT** locate the appliance immediately **below** a fixed socket outlet.
- This appliance **must** be **grounded**.
- **DO NOT** operate any appliance with a **damaged cord or plug** or after the **appliance malfunctions**, has been **dropped** or **damaged in any manner**. Discard appliance, or return to authorized service facility for examination and/or repair.
- 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 (0.9m)** from the **front of the appliance**.
- **Extreme caution** is necessary when any appliance is used by or near **children** or **invalids** and whenever the appliance is left **operating and unattended**.
- **DO NOT** insert or allow foreign objects to enter any ventilation or exhaust opening, as this may cause **electric shock** or **fire**, or **damage the appliance**.

- 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.
- As the appliance has **hot and arcing or sparking parts inside**. **DO NOT** use it in areas where **gasoline, paint, or flammable liquids** are used or stored.
- **AVOID FIRE!** Regularly inspect all air vents to make sure they are free from dust, lint, or other blockage. **Unplug the unit** and clean with a **vacuum ONLY**. **DO NOT** rinse or get wet.
- **DO NOT USE** this appliance with any **solid state speed control devices**.
- **Risk of electric shock! DO NOT OPEN!** No user-serviceable parts inside!
- **NEVER modify this appliance**. Doing so could result in personal **injury** or property **damage**. Modification of this fireplace **completely voids all warranties**.
- **NEVER** leave this appliance unattended. **To disconnect** appliance, **ALWAYS turn controls to "OFF"** then remove plug from outlet or turn off circuit when not in use.
- **ALWAYS** turn this appliance off before unplugging it from the outlet.
- **To prevent a possible fire, do not burn wood** or other materials **in this appliance**.
- **ALWAYS disconnect** this unit from the **power** supply **before** performing any assembly or cleaning, or before relocating the electric fireplace.
- **Always use** properly grounded, **fused** and polarized outlets.
- **Always use ground fault protection** where required by electrical code.
- **Avoid use** of an **extension cord** because an extension cord may overheat and cause a fire. However if you have to use an extension cord, the cord should be **No.14 AWG minimum size** and rated to not less than 1875watts.
- **NEVER** plug this appliance into an outlet that is **old, cracked**, or has any **loose wires or connections**. Plugging this appliance into a faulty outlet could result in **electric arcing** within the outlet that could cause the **outlet to overheat or catch fire**.

- **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 traffic** area, and where it will not be tripped over.
- **ALWAYS** check your appliance cord and plug connections with **each use!**
 - A. **MAKE SURE** the plug fits tight in the outlet! Faulty wall outlet connections or loose plugs can cause the outlet to overheat.
 - B. **Appliances draw more current** than small appliances. **Overheating** may occur even if it has not occurred with the use of other appliances.
 - C. During use **check frequently** to see if the **plug outlet** is **HOT!** If the outlet or faceplate is **HOT, discontinue use immediately** and have a qualified electrician inspect and/or replace the faulty outlets.

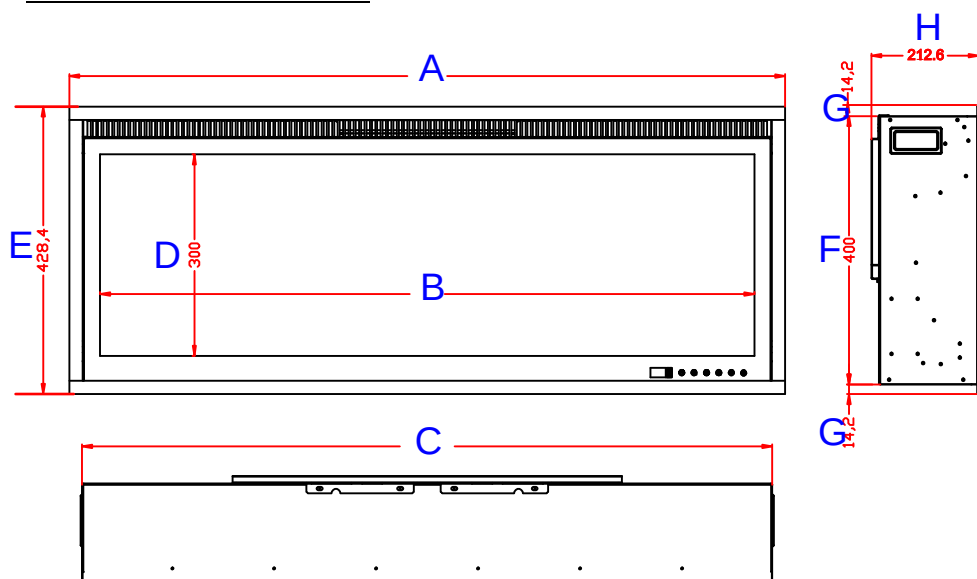
This heater has a three-blade grounding type plug as show in below picture. If there is a two-slot receptacles only, an adapter should be used for connecting three-blade grounding type plugs. The grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box by a metal screw. The adapter should not be used if a three-slot grounded receptacle is available.



SAVE THESE INSTRUCTIONS!

2. TECHNICAL SPECIFICATIONS

Product Dimensions



Model	unit	A	B	C	D	E	F	G	H
BI42Z Deep	Inch	42	38 3/8	40 1/2	11 13/16	16 7/8	15 3/4	9/16	8 3/8
	mm	1067	975	1028.6	300	428.4	400	14.2	212.6
BI50Z Deep	Inch	50	46 3/8	48 1/2	11 13/16	16 7/8	15 3/4	9/16	8 3/8
	mm	1270	1178	1231.6	300	428.4	400	14.2	212.6
BI60Z Deep	Inch	60	56 3/8	58 1/2	11 13/16	16 7/8	15 3/4	9/16	8 3/8
	mm	1524	1432	1485.6	300	428.4	400	14.2	212.6
BI72Z Deep	Inch	72	68 3/8	70 1/2	11 13/16	16 7/8	15 3/4	9/16	8 3/8
	mm	1829	1737	1791.0	300	428.4	400	14.2	212.6
BI88Z Deep	Inch	88	84 3/8	86 1/2	11 13/16	16 7/8	15 3/4	9/16	8 3/8
	mm	2235	2143	2196.6	300	428.4	400	14.2	212.6

Electric Specifications

Model	Volt	Watt (min/max)	Hz	BTU(max)	Amp	Heating Area(max)
BIZ Deep	120V	750/1500	60	5100	12.5	400 sq. ft.

3. BEFORE INSTALLATION

Note:

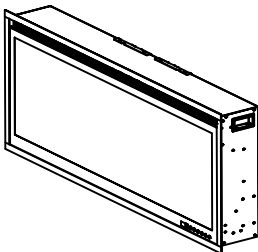
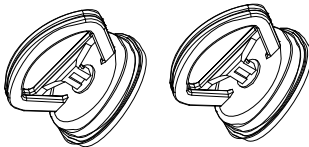
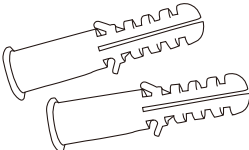
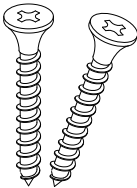
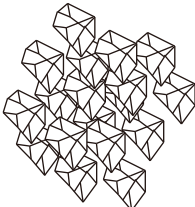
- Keep the packaging(carton,wrapping bag,etc.) for future transportation and/or storage.
- If there is any problem or question, please contact the service team.
- If the unit needs to be returned, please make sure all the spare parts are packed inside, and packing as the same as the original packing.

Check Spare Parts

- Open the packaging carefully and remove the polystyrene.
- Check that all spare parts have been received.
- Carefully check for any damage for the spare parts.

NOTE: Contact service team for help if there is any part missing or damaged.

Spare Parts List :

A.  Firebox (1 pc) NOTE: The wall mount bracket is attached to the back of the firebox by 4 white screws.	B.  Suction Cup (2 pcs) Used to take off the front glass	
C.  Remote (1 pc)	D.  Φ8x40 Plastic Wall Plug (6-8 pcs)	E.  ST4*40 Screw (6-8 pcs)
F.  Owner's Manual (1 pc)	G.  Logs (1 set)	H.  Decorative Crystals (1 set)

Function Testing

Please refer to section 5a. Manual Control Panel and 5b. Remote Control to test the appliance first before installation.

4. INSTALLATION INSTRUCTIONS

Tools Required

A Phillips screwdriver, a drill and a hammer

Locating the appliance

Your new electric fireplace may be installed virtually anywhere in your home. However, when choosing a location, ensure that the general instructions for safety are followed.

- For best results, install out of direct sunlight, water or very damp air.
- Power supply service must be installed within proximity of electric fireplace prior to finishing avoiding reconstruction.

Minimum Clearance to Combustibles

Sides.....0 inch
 Floor.....0 inch
 Back.....0 inch
 Top (shelf or TV).....8 inch min
 Front.....36 inch



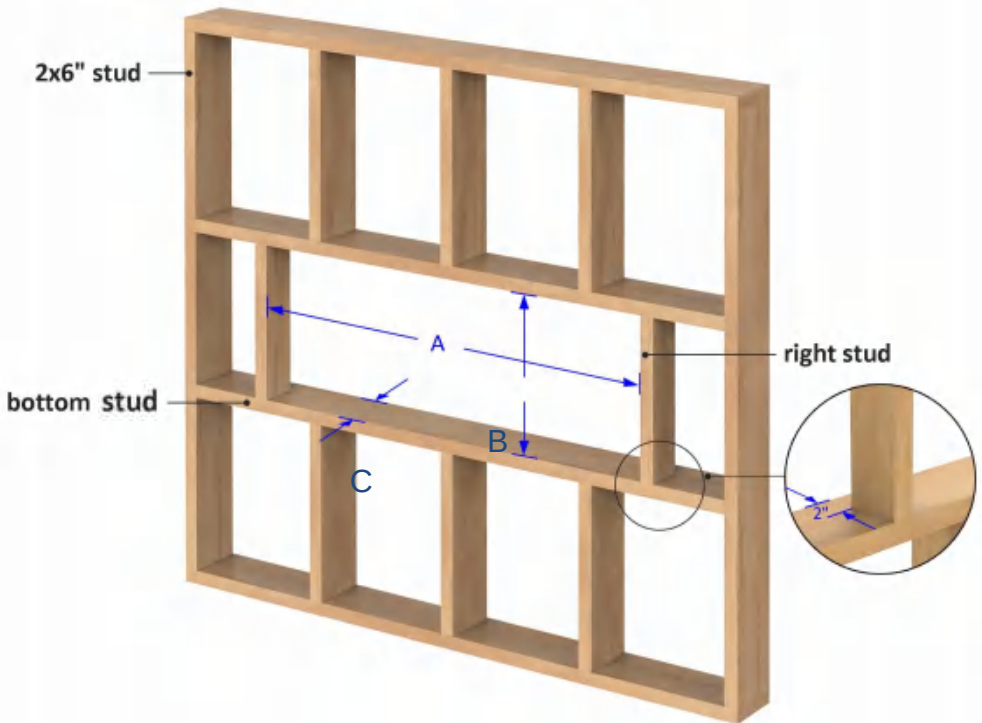
WARNING! Risk of Fire! Keep electrical cords, drapery, furnishings or other combustibles at least 3ft. (0.9 m) from the front of the electric fireplace.

Electrical Supply Circuit Requirements

- Plan the location of the appliance so that it will have adequate electric power. A 15AMP, 120V/60Hz circuit is required. Additional appliances on the same circuit as this appliance may exceed the current rating of that circuit. A dedicated circuit is not required, but is preferred to prevent circuit breaker or fuse failure.
- Prepare the outlet close to the right side of appliance. Make sure the outlet is in good condition and the plug must be plugged tightly in the outlet.
- For hard wiring, please refer to page 16.

4a. Recessed into the wall

- 4a.1. Build the framing by 2x6" stud, below picture of 50" as an example. Dimensions for all sizes are listed below. The appliance will be supported by the bottom framing, make sure the bottom framing is solid and level. Leave some gap behind the right stud for electrical supply.



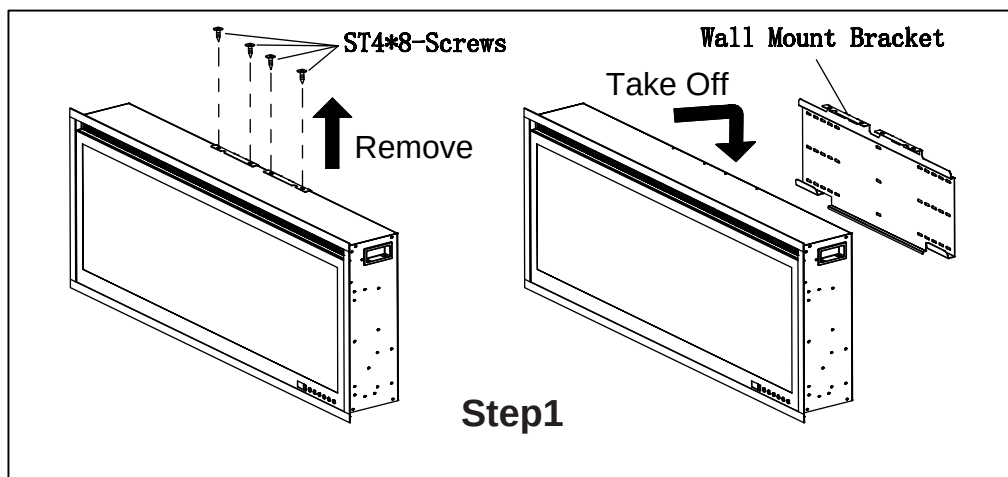
Wall Opening

Wall Opening Size

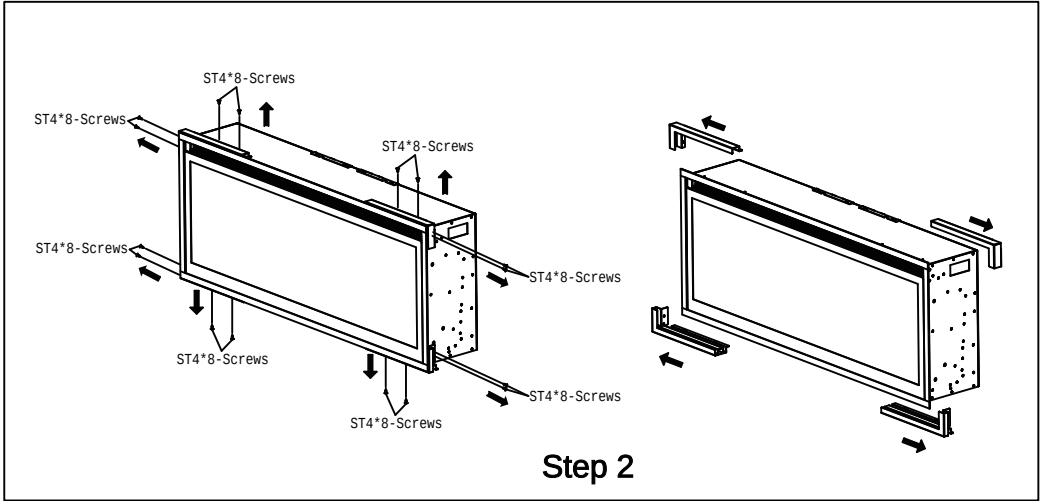
Model	unit	A (Length)	B (Height)	C (Depth)
BI42Z Deep	Inch	40 7/8"	16 9/64"	9 1/16"
	mm	1038	410	230
BI50Z Deep	Inch	48 7/8"	16 9/64"	9 1/16"
	mm	1241	410	230
BI60Z Deep	Inch	58 7/8"	16 9/64"	9 1/16"
	mm	1495	410	230
BI72Z Deep	Inch	70 7/8"	16 9/64"	9 1/16"
	mm	1800	410	230
BI88Z Deep	Inch	86 7/8"	16 9/64"	9 1/16"
	mm	2206	410	230

4a.2

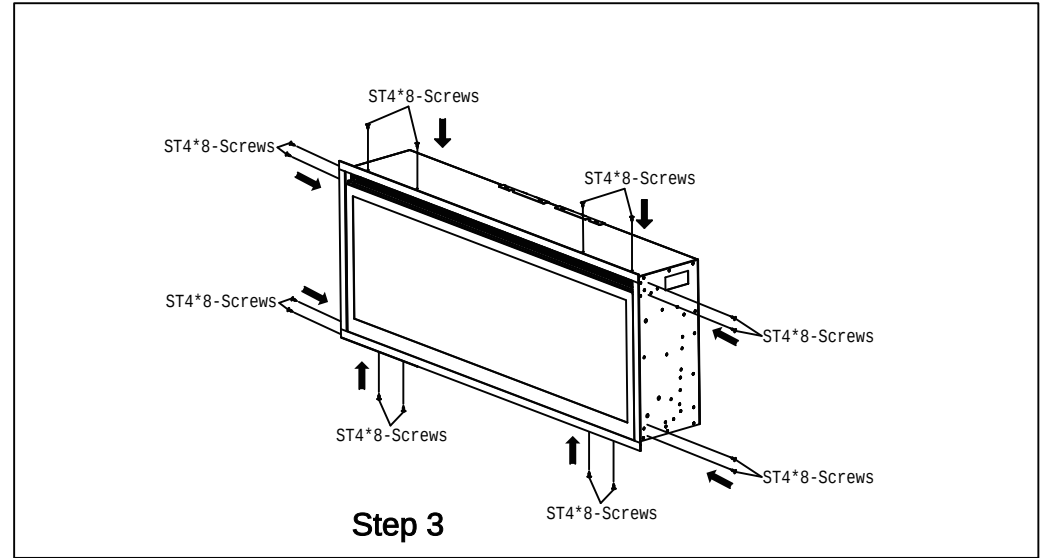
Step 1. Remove the 4 pcs silver screws on the top and then take off the wall bracket from the fireplace(See Step 1).



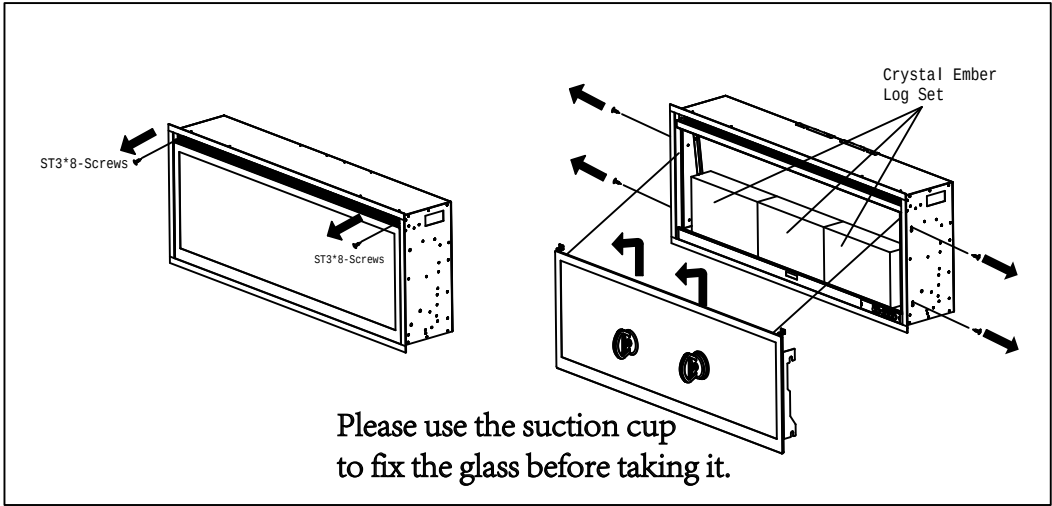
Step 2. Use a screwdriver to remove the 16 white screws here, and take out the sheet metal corner protector in the direction of the arrow;



Step 3. After removing the sheet metal corner protectors at the four corners, use a screwdriver to tighten the 16 white screws that were previously removed.

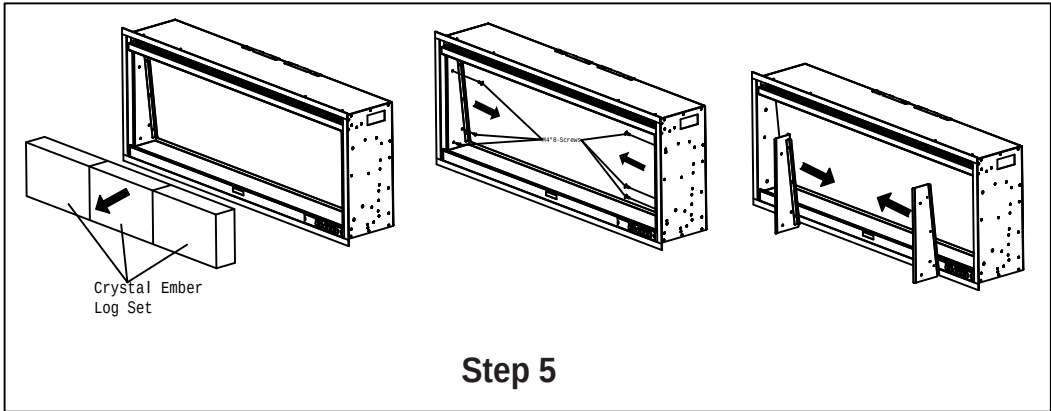


Step 4 : Use a screwdriver to remove the two black screws and four white screws shown in the picture. Use a suction cup to hold the glass surface firmly, then remove the glass from the top and then from the bottom and place it gently.(See Step 4).

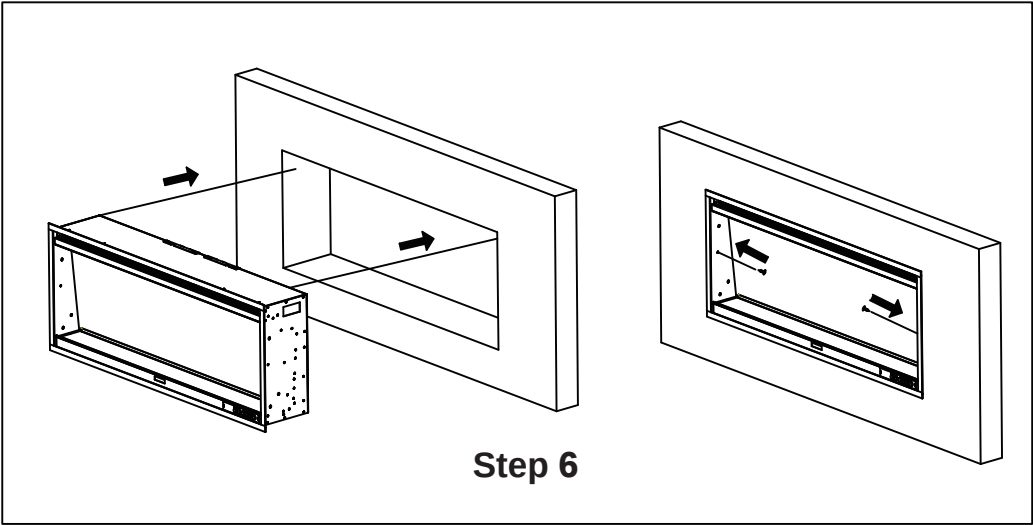


Step4

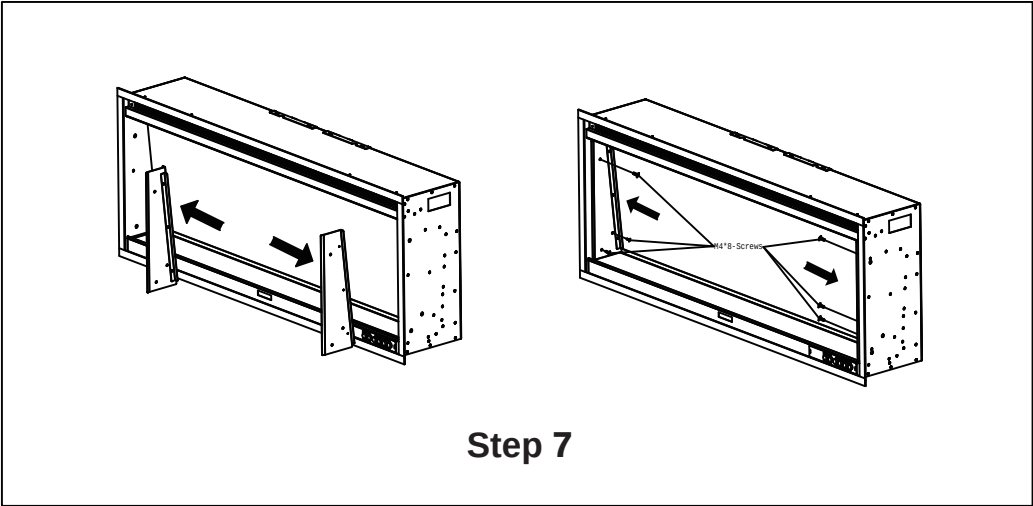
Step 5 : Remove the fake charcoal and crystal granule accessory package as shown in the diagram, then use a screwdriver to remove the 6 black screws at the positions shown in the diagram, and remove the left and right metal panels as shown in the direction of the arrows.



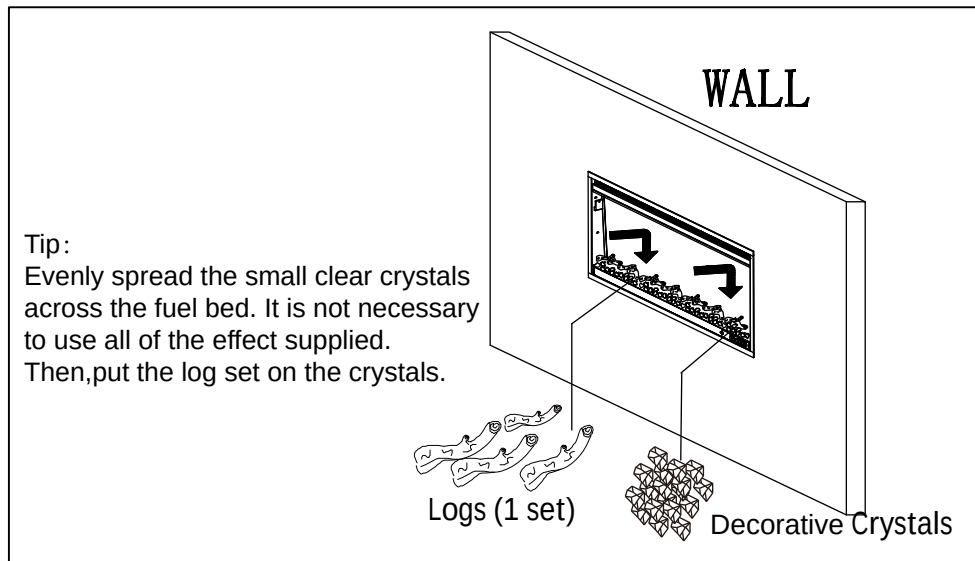
Step 6 : Place the fireplace insert into the wall hole and secure it to both sides of the hole with two screws as shown in the figure ;



Step 7 : Install the left and right pressure strips of the metal panels in the direction of the arrow, and fix the left and right metal panels on both sides as shown in the figure;



Step8 Set the fuel bed. Put the log set and crystal on the plastic tray.(See Step 8)
The appliance is supplied with 2 fuel effect options: a. Crystal Effect. b. Log Effect

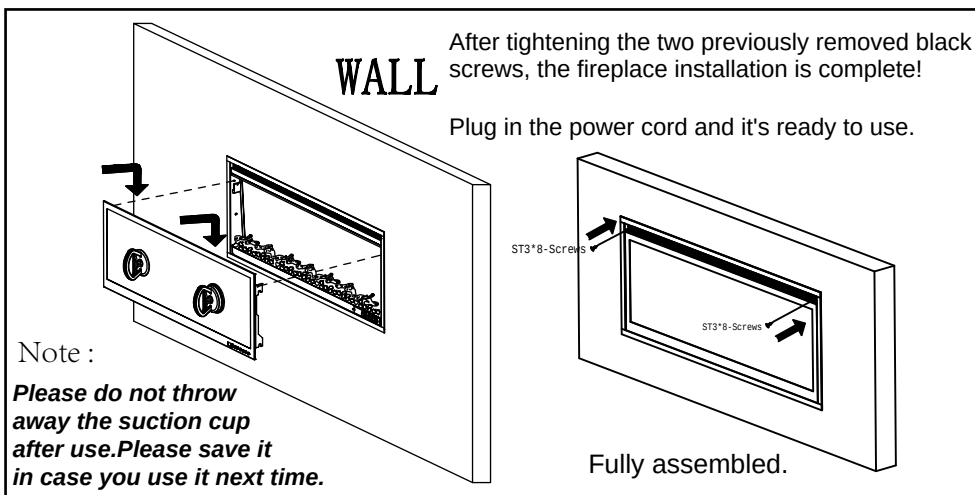


Step 8

Step9 : Reinstall the glass back: Please install the glass in the direction of the arrow.

Carefully set both hooks of the front glass panel onto the firebox. Note: make sure the glass fully attached to the firebox so that the control panel can work properly. This will keep the decorative glass in place and enable the touch control panel work well.

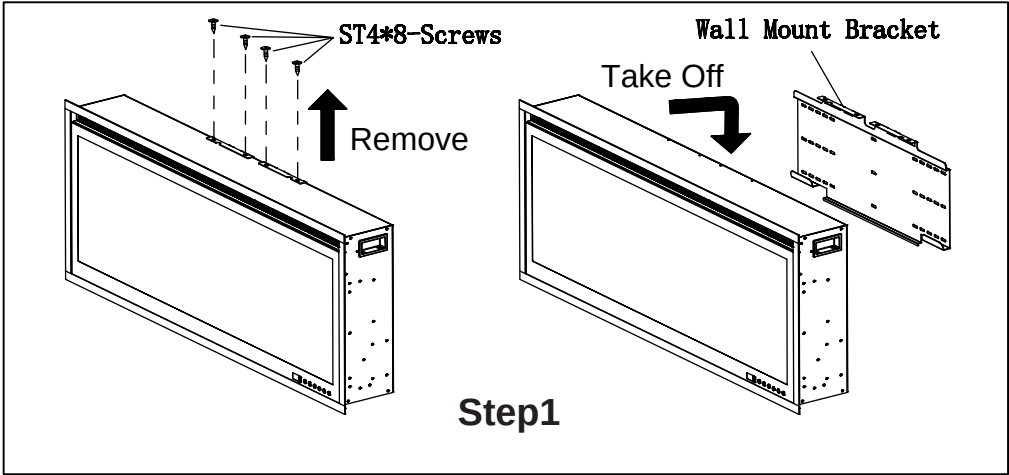
! Take care of the installation of a Glass panel!! The manufacturer recommends that two adults install, the glass panel. **Always use extreme caution when handling glass. Failure to do so could result in**



Step 9

4b. Hang on the wall

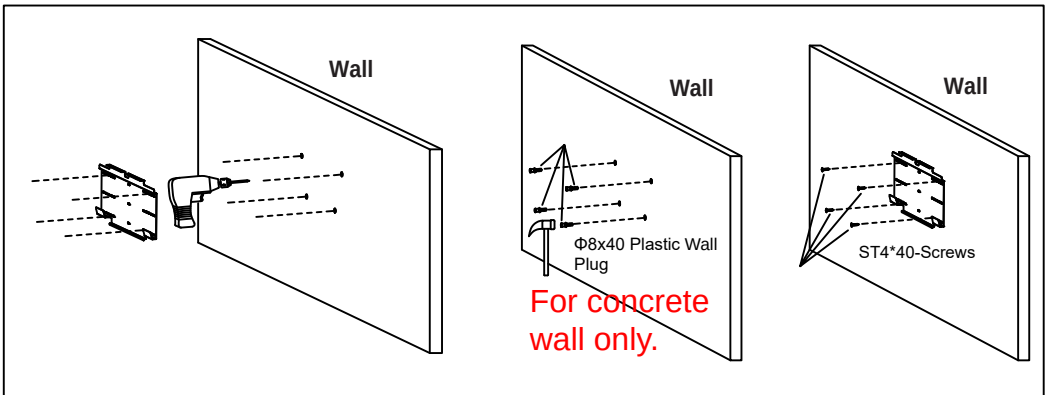
Step 1.Remove the 4 pcs silver screws on the top and then take off the wall bracket from the firebox(See Step 1).



Same installation steps as 4a.Step 2 and Step 3.
To remove the 4 pcs sheet metal corner protectors at the four corners.

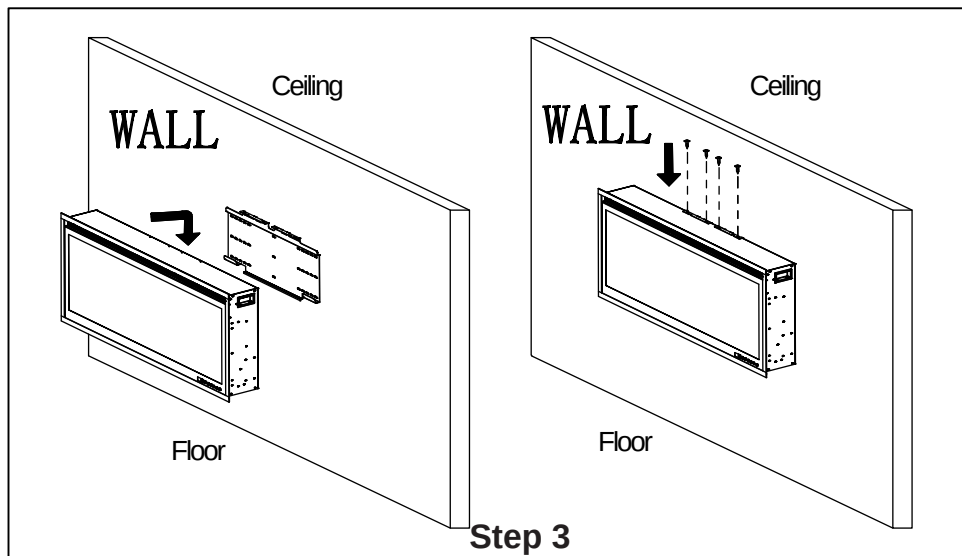
Step 2. Choose a wall, put the bracket on the position where you want to install the fireplace and mark the positions need to be drilled on the wall.

Take away the bracket and drill 4-6 pcs 40mm deep, $\Phi 8$ holes on the wall. Tap the plastic wall plugs into the holes. Secure the bracket by 4-6 pcs ST4X40 screws.If the wall is solid wood, it is no need to drill the holes on the wood and use plastic wall plugs.



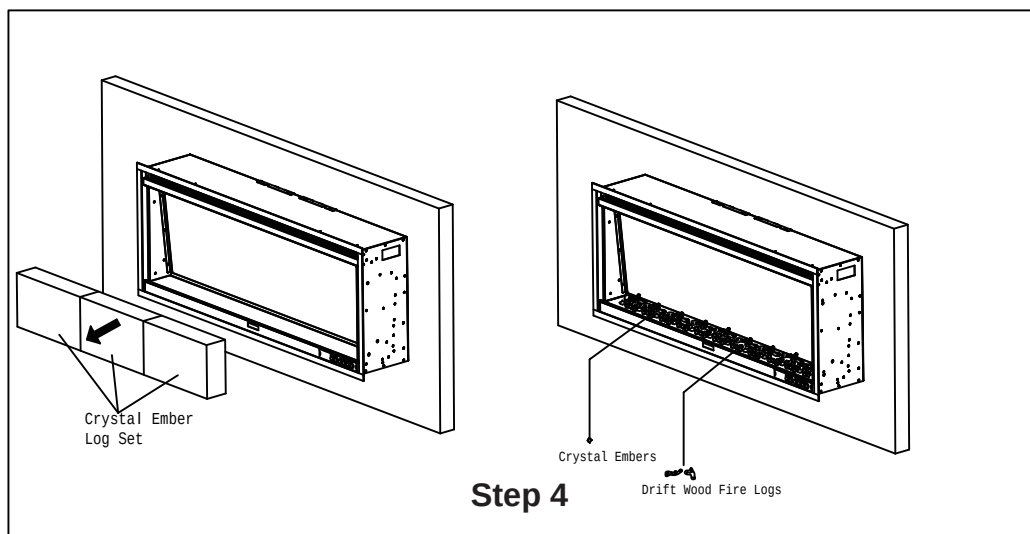
Step 2

Step 3 : Fit the slots in the back of firebox over the hooks on the bracket, and carefully hang the firebox on the bracket.
Then secure the 4 pcs screws on the top of firebox.

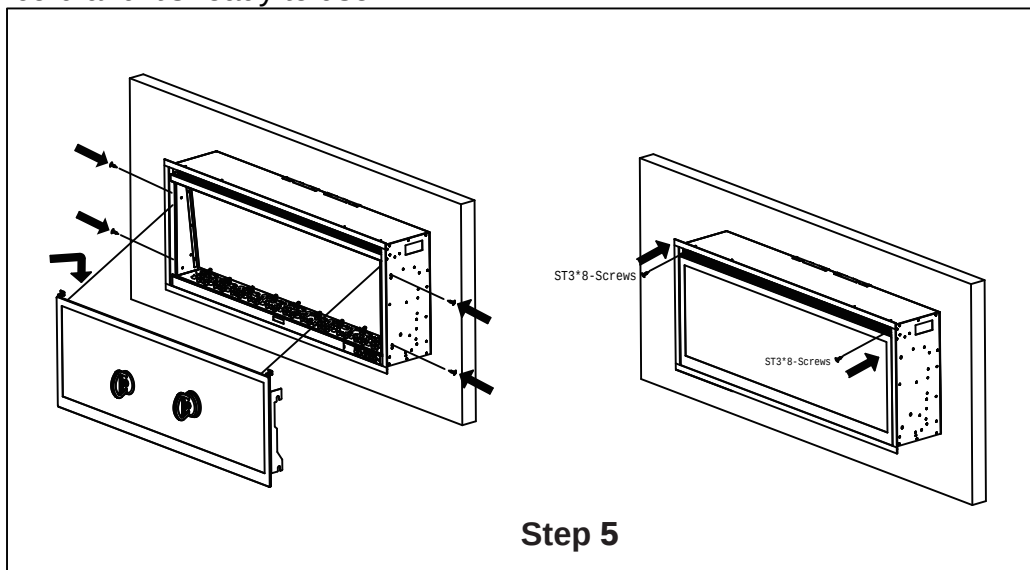


Same installation steps as 4a.Step 4.
To remove the glass.

Step 4 : After removing the fake charcoal and crystal granule accessory pack as shown by the arrow in the diagram, place the crystal granules on the plastic board, and then arrange the fake charcoal on the crystal granules in the desired shape.



Step5 : Install the glass in the direction of the arrow, then use a screwdriver to tighten the four white screws that were removed earlier. Remove the suction cup, and then tighten the two black screws that were removed earlier. The fireplace is now installed! Plug in the power cord and it's ready to use.



Electrical Connection

WARNING: Do not attempt to wire your own new outlets or circuits. To reduce the risk of fire, electric shock or injury to persons, the hard wiring must be supplied with a qualified electrician.

WARNING: Ensure that the circuit on which the fireplace is to be installed has the power cut off at the service panel until installation is complete.

The fireplace is packaged with a three prong plug installed for plug-in convenience. Hard wiring the fireplace is also an option for any installation.

- a Plug in (the power cord is 6ft (1.8m) long and on the right of the fireplace, you may run the power cord out of the framed wall opening to an existing outlet or install an outlet on a nearby wall stud within the wall). If the cord is not long enough to reach the outlet, a grounded extension cord minimum AWG No. 14 wiring and rated to a minimum of 1875 watts may be used.
- b Hard wire the fireplace. A qualified electrician may remove the cord connection, and wire the appliance directly to the house hold wiring. The appliance must be electrically connected and grounded in accordance with local codes.

5. OPERATING INSTRUCTIONS

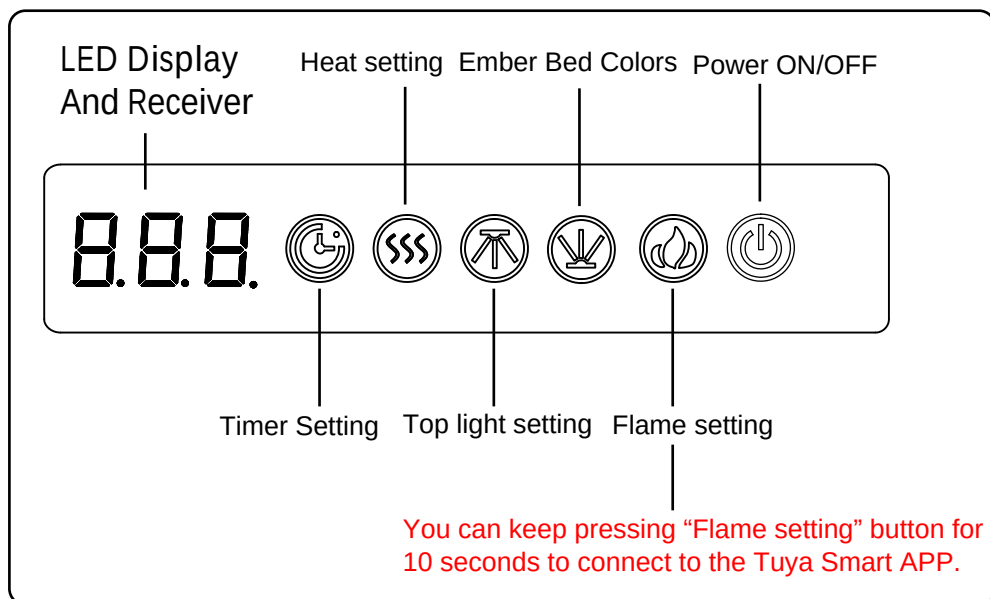


Read and understand this entire owner's manual, including all safety information, before plugging in or using this product. Failure to do so could result in electric shock, fire, serious injury, or death.



WARNING! Do not operate the unit if it is damaged or has malfunctioned. If you suspect the unit is damaged, call a qualified service technician to inspect and replace any part of the electrical system if necessary.

5a. Manual Control Panel



Note: 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.

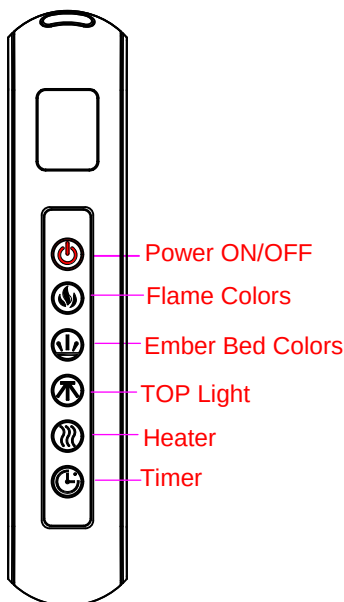
5b. Remote Control

NOTICE

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

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.



Remote Control Battery Information

- This remote control uses **two AAA batteries** .
- Instructions for battery installation are on the Remote Control battery compartment.

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 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 5 minutes.**
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.

Button	Title	Functions
	POWER ON/OFF	Turns the appliance ON/OFF.
	Flame Colors	Controls flame colors change. 13 colors :(L01,L02 ...L12,L13) Cycle by cycle.
	Top Light Colors	Top Light Colors Setting: Setting: F0-F1-F2-F3, Cycle by cycle.
	Ember Colors	Controls ember bed colors change. 13 colors :(C01,C02 ...C12,C13) Cycle by cycle.
	Crackling Sound	Crackling Volume Setting: 4 levels volume setting: (SP0--SP1--SP2--SP3) Note: The function can only be controlled with Tuya Smart App.
	Heater	Press to cycle through Low-High-Off
	Timer	Press to cycle through 0H, 1H, 2H, 3H, 4H, 5H,6H , 7H, 8H, 9H

6. CARE AND MAINTENANCE



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.

Cleaning



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.

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.

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.

Replacement parts:

- Use only replacement parts supplied by the manufacturer. Use of any other parts, or modifying the fireplace in any way, will void all warranties.

7. LIMITED WARRANTY

This warrants to the original purchaser that this product is free from defects in material and workmanship as of the date of purchase and that it will, under normal use and proper care, remain so for one year from the date of purchase. Missing or initially defective parts will be replaced free of charge during the period of this limited warranty. If parts are unavailable, comparable replacement of refund will be

given. **The original dated sales receipt is required for all warranty claims.** This warranty does not cover damage which has occurred during transport from the point of purchase to the consumer’s home. This warranty does not cover glass, light bulbs, batteries, transportation, labor, or other issues not associated with the manufacture of the product.

This product is for residential use only. Any and all commercial use of this product voids all warranties, and frees the manufacturer from all liability.

Read and understand all assembly and operating instructions, and all safety information and warnings, before use. The following will void this warranty: Damage caused from tampering with, modifying, or altering the fireplace insert in any manner; Damage due to incorrect assembly, improper care, misuse, or abuse; Damage from being used with the wrong power source; Water damage; Damage caused from this insert being used outdoors; Damage caused from this insert being used for excessive periods of time; Damage caused by the insert being used in a commercial application; Damage from use as a primary heat source; Other misuse or abuse not specifically listed herein.

This product is not intended to be used as a primary heat source. It is for supplemental heating purposes only.

8. TROUBLESHOOTING GUIDE

PROBLEM	SOLUTION
There is no power to the fireplace, or it does not turn on.	1. Make sure the power cord is plugged into a functioning and properly grounded 15 Amp 120V AC electrical outlet. 2. Make sure the ON/OFF switch on the control panel is ON. 3. If the unit had been working, but then turned off by itself, the temperature limiting control may need to be reset. 4. Check for damage to the power cord or plug. If damaged, DO NOT USE.
The control panel functions do not work.	1. Make sure the ON/OFF switch on the control panel is turned on. If it is OFF, the functions will not work. 2. If the ON/OFF switch is ON, and the functions do not work, please contact our customer service team for help.

The FLAME button doesn't work.	1. Make sure the ON/OFF switch on the control panel is ON. 2. If the ON/OFF switch is ON, and the functions do not work, please contact our customer service team for help.
The flame effect does not turn off when I press the flame button.	1. Make sure the batteries are installed properly. If it still cannot work, please contact our customer service team for help.
The heater does not work.	1. Make sure the ON/OFF switch on the control panel is turned on. 2. Control Panel: Press the heater button on the control panel to override the thermostat at any time. 3. Remote control: Make sure the thermostat is not set too low. If the thermostat is set lower than the room temperature, the heater will not turn on. Or try to turn off the thermostat on the remote control. 4. If none of these solutions work, please contact our customer service team for help.
The heater does not blow hot air when it turns on and off.	This is normal. The fans blow cool air while the heater gradually heat up. The fans blow after the heater turn off to cool the heater and prevent overheating.

The remote control does not work.	1. Make sure the battery is properly installed. 2. Make sure the ON/OFF switch on the control panel is turned on. The remote control will not work unless the ON/OFF switch on the control panel is turned off. 3. Aim the remote control at the receiver. 4. Remove objects that may be in the way. Items between the remote control and the remote control receiver will block the signal. 5. Don't press the remote control buttons too quickly. Give the unit time to respond to your commands.
The thermostat (TEMP button) does not work.	1. Make sure the heater is turned on. The thermostat will not work unless the heater is turned on. 2. Make sure the thermostat is not set too low. If the thermostat is set lower than room temperature, the heater will not turn on.

9. SCHEMATIC DIAGRAM

