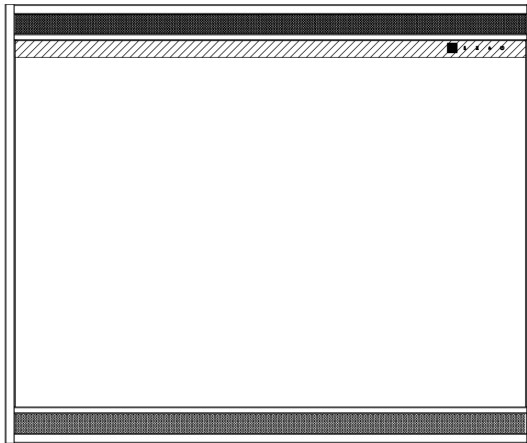


INSERT ELECTRIC FIREPLACE HEATER

Model# : STFP4 36 ,STFP4 42

OWNER'S MANUAL



SUNTECK

36/42 Inch Black Insert Electric Fireplace

AC 120/240V 60Hz 1500/3000W

⚠ 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**.

IMPORTANT SAFETY INFORMATION!



WARNING



- **ALWAYS** keep **electric cords, home furnishings, drapes, clothing, papers, or other combustibles** at least **3 feet (0.9m)** away from the front of this heater, and away from the bottom, sides, and rear of this heater.
- **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.
- **DO NOT COVER** this heater or **block** the air vents at all. Doing so could cause a **fire**.
- **AVOID fire or electric shock! NEVER** insert or allow any foreign objects to enter the ventilation or exhaust openings of this heater.
- **Prevent Fire!** Keep all **flammable liquids**, like gasoline or paint, away from this heater. This heater produces **arcing sparks** that **could ignite** flammable liquids.
- **DO NOT cover** this heater in any manner. Doing so could block the air flow and cause the unit to **overheat**, or could **ignite** the material covering the heater.
- **NEVER** run the **power cord** under carpet, rugs, runners, or any other covering. Doing so could cause the cord or materials covering the cord to overheat.
- **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.



WARNING



- **For residential use only! NOT for commercial use! NEVER** use this fireplace for other than its intended purpose.
- **ALWAYS HANG UNIT BEFORE USE. DO NOT** turn on or use while the unit is sitting on the floor, ground, or other surface.
- The wall mount system is designed **for use ONLY with this product. NEVER** use a wall mount system from another manufacturer.
- Use **extreme caution** if using this heater **near children**, or where children may be present.
- **NEVER** leave this heater unattended. **ALWAYS** unplug this heater when not in use.
- This heater is **hot** when **in use. AVOID INJURY! DO NOT TOUCH hot surfaces, or attempt to move this heater while it is hot.**
- **ALWAYS** turn this heater off before unplugging it from the outlet.
- **AVOID INJURY!** Keep the cord from crossing traffic areas to avoid tripping.
- **NEVER modify this fireplace.** Doing so could result in personal injury or property damage. Modification of this fireplace **completely voids all warranties.**
- **Discontinue use** if this fireplace **malfunctions** or is **dropped or damaged in any manner.**
- **ALWAYS** store this heater in a dry location. **NEVER** use the fireplace if it has become wet.



WARNING



- **Risk of electric shock! DO NOT OPEN!** No user-serviceable parts inside!
- **ALWAYS disconnect** this unit from the **power supply before** performing any **assembly or cleaning**, before **replacing the light bulb**, or before **relocating** the electric fireplace.
- **NEVER** use this heater in **bathrooms, laundry rooms**, or any other location where the heater could fall into a **bathtub or pool, become damp or come in contact with water**.
- **NEVER** hang this unit on a wall **directly below an electrical outlet**.
- **NEVER** operate this heater if the **power cord or plug** has become **damaged**, or if the **grounding pin** is **damaged or missing**.
- Place the heater near a wall outlet so an extension cord is not needed. If an extension cord is needed, the **gauge** of the cord **must be at least 14AWG**, and the **rating must be at least 1875 Watts**. **NEVER** use a **smaller gauge** cord with a **lower rating**. Doing so may result in **fire or electric shock**.
- **Avoid hazards** due to resetting of the thermal cut-off switch. **NEVER** control this unit with a **timer**, or allow it to be on a **circuit regularly switched off by the utility**.
- **ONLY** use this heater on a **120/240 Volt 15 Amp grounded circuit**. **NEVER overload the circuit**. If this heater 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 heater.
- **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 tight in 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.

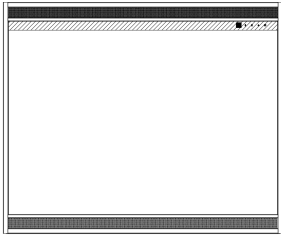
Preparation



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

Remove all parts and hardware from the carton and place them on a clean, soft, dry surface. Check the parts list to make sure nothing is missing. Dispose of packaging materials properly. Please recycle whenever possible.

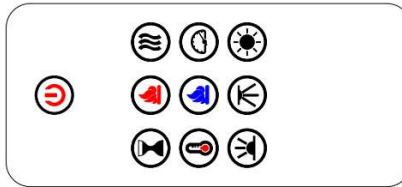
Parts and Hardware



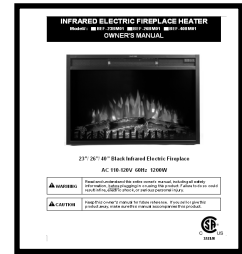
A – Fireplace (1)



B – Wood Screws (2)

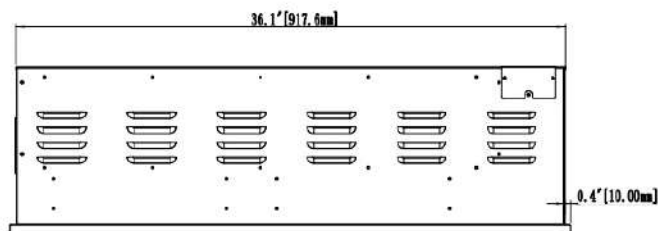
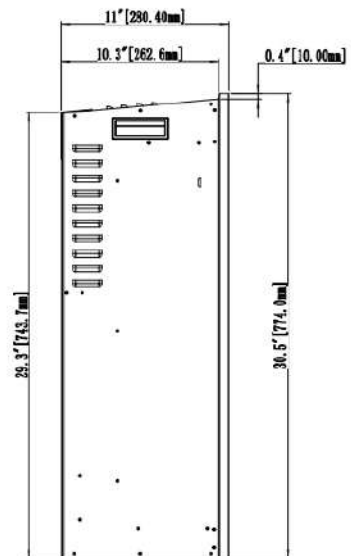
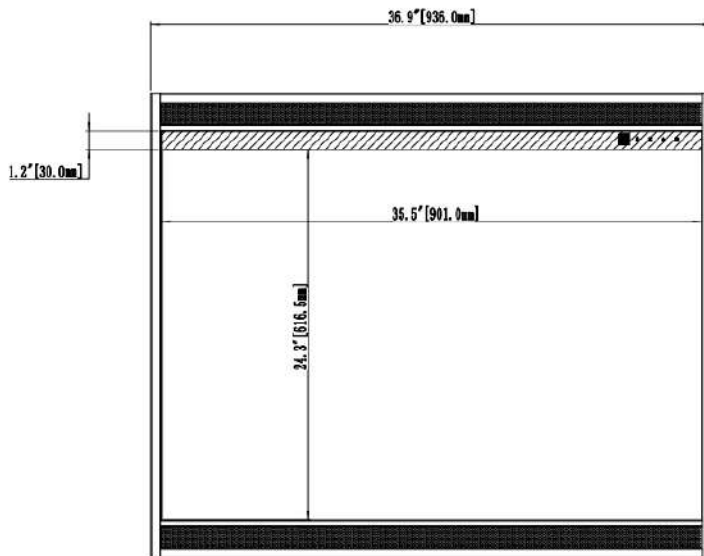


C – Remote Control (1)



D- Instruction Manual (1)

Specification and Dimension



Electrical information

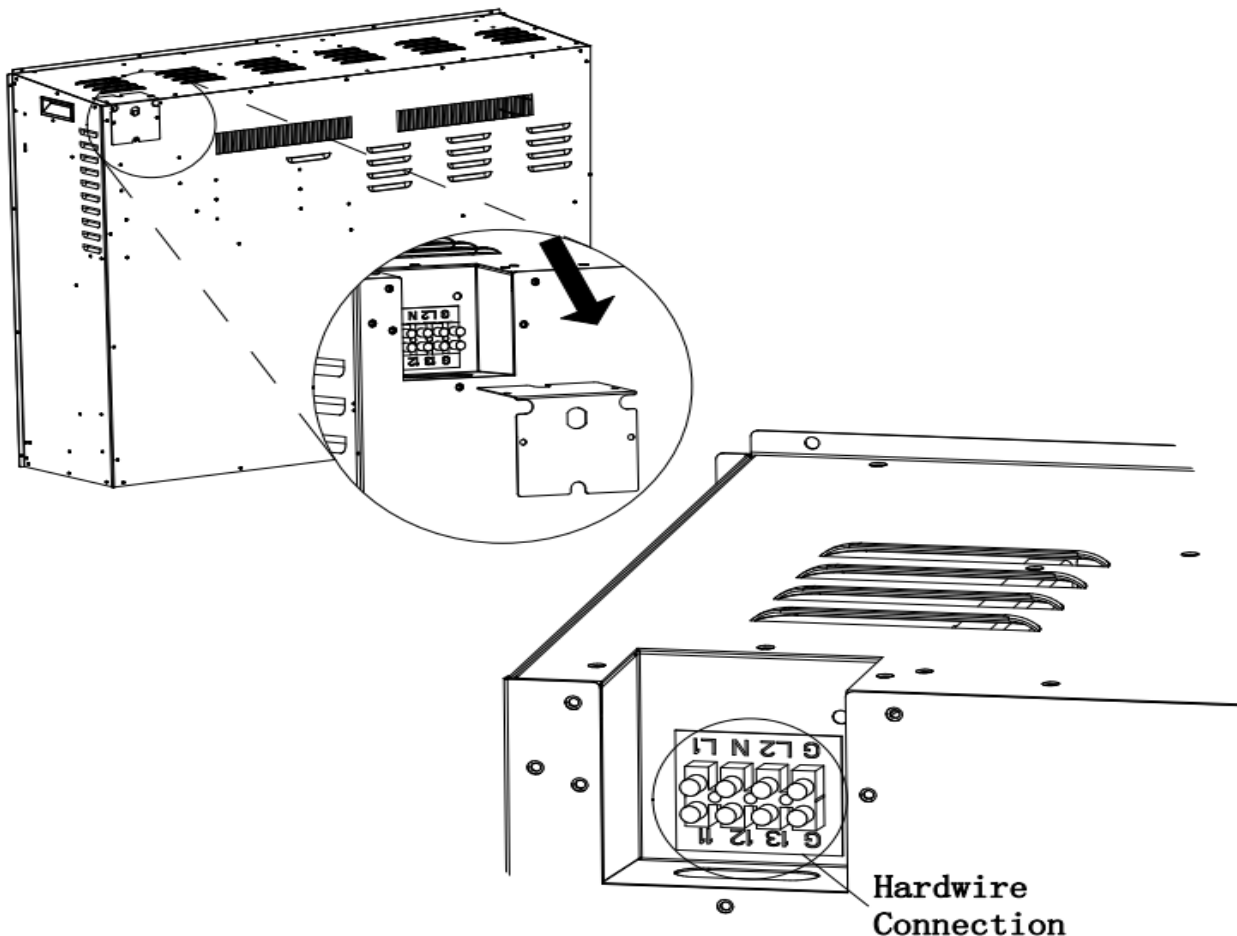


Turn off the appliance completely and let cool before servicing. Only a qualified service person should service and repair this electric appliance.

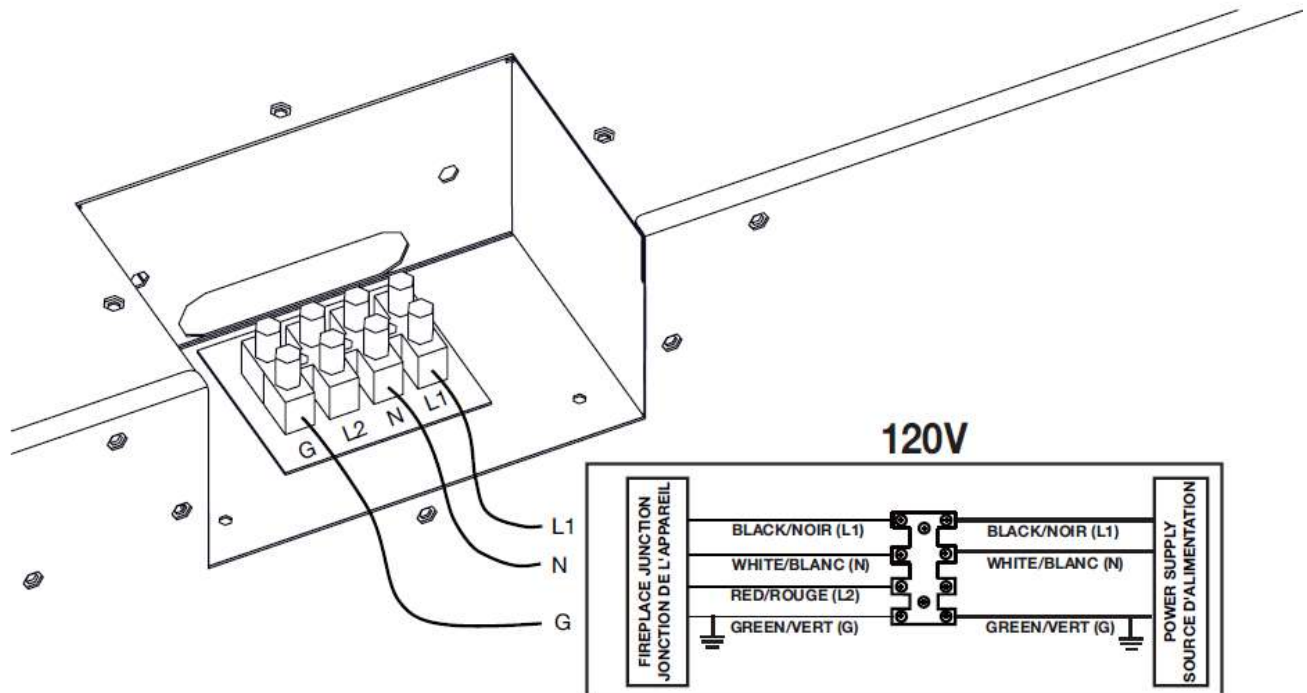
It is necessary to hard-wire this appliance. A qualified electrician must wire the appliance directly to the household wiring. The wire and power supply breaker must be rated for 120V, minimum 15 amps. This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with the latest edition of the National Electrical Code ANSI/NFPA 70 in the United States or the Canadian Electrical Code CSA C22.1 in Canada.

Before hardwiring the appliance, remove the junction box control cover by removing the fasteners as shown.

1. Locate the desired 2 conductor or 3 conductor wire cable to the top right side of the enclosure for the hard-wiring installation based on the desired 120V or 240V heat output capability.
2. With appliance in the rough-in framing, insert it far enough into the enclosure to locate the supply wires to the terminal block.
3. Insert the wires from your home through the junction box cover plate with the strain relief (supplied) and locate the wires to the specified terminal block location based on desired voltage selection.

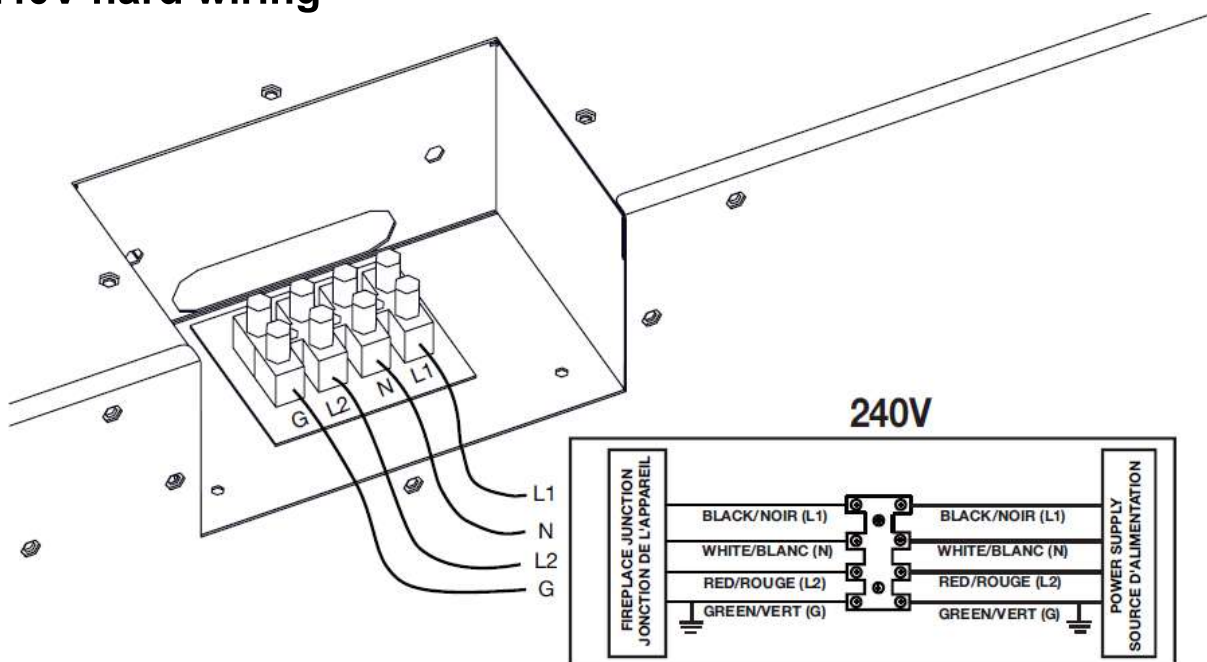


1.120V hard wiring



1. Insert Green or bare copper wire to the designated G Terminal. Tighten the screw.
2. Insert Neutral wire to the designated N Terminal. Tighten the screw.
3. Insert L1 wire to the designated L1 Terminal. Tighten the screw.
4. Make sure all connections are tightened properly.
5. Reinstall the junction box cover plate.

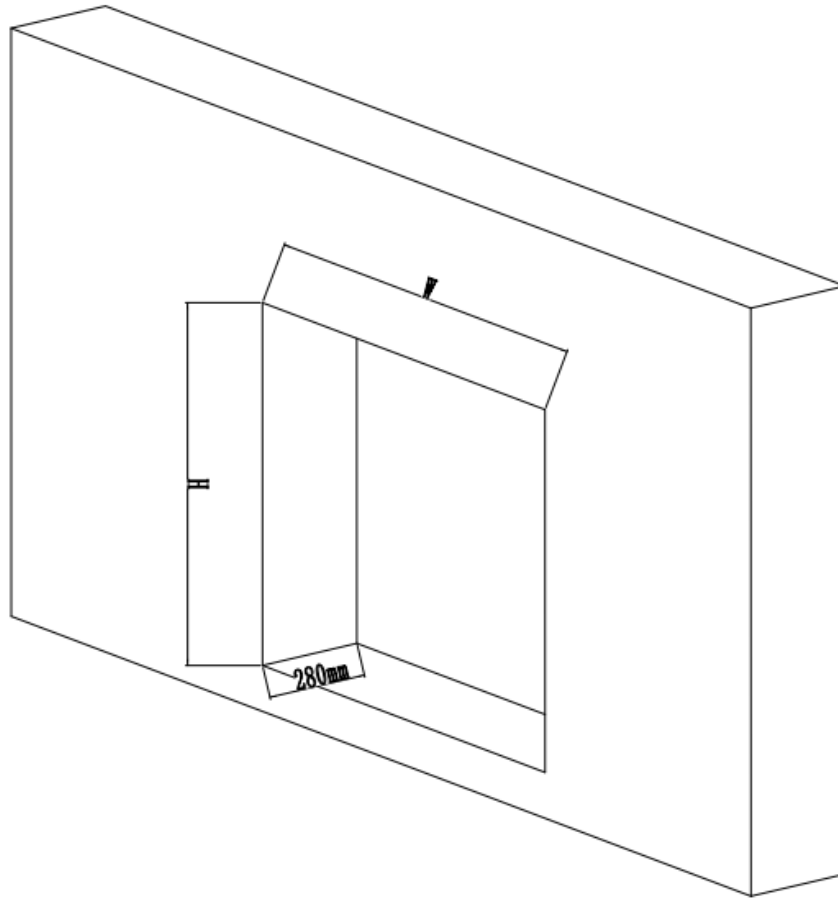
2.240V hard wiring



1. Insert Green or bare copper wire to the designated G Terminal. Tighten the screw.

2. Insert Neutral wire to the designated N Terminal. Tighten the screw.
3. Insert L1 wire to the designated L1 Terminal. Tighten the screw.
4. Insert L2 wire to the designated L2 Terminal. Tighten the screw.
5. Make sure all connections are tightened properly.
6. Reinstall the junction box cover plate.

Recessed to wall installation



STEP A. Selection a dry wall to open a hole for fireplace box. Size of hole as below chart Figure (A)

Model Number	W	H
STFP4 36	931mm(36.6")	779mm(30.7")
STFP4 42	1107mm(43.6")	779mm(30.7")

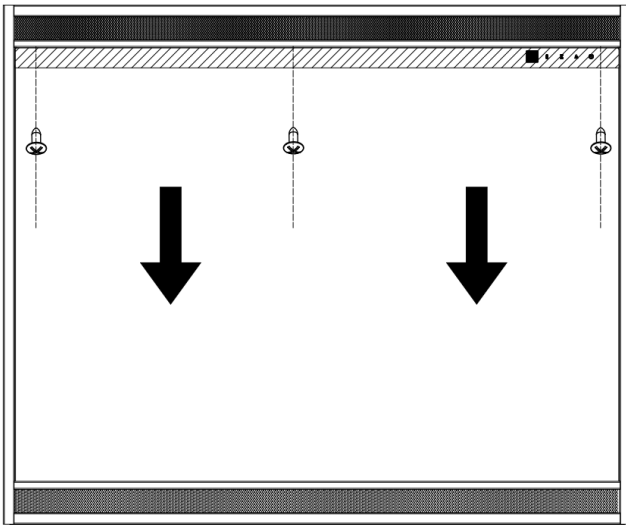


Figure (C)

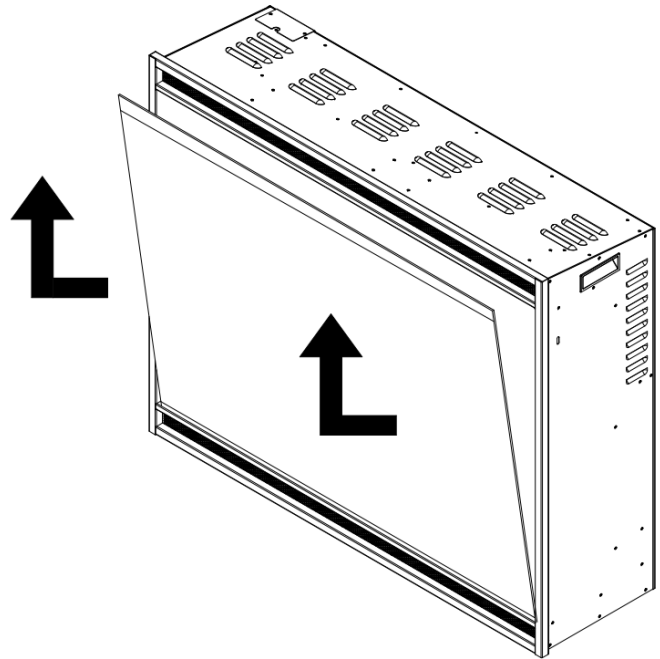


Figure (D)

STEP B. Take off the screws in top sides of the glass panel. **Figure (C)**

STEP C. Have two person to take the glass panel out of the fireplace box. Place it to a soft and clean place. **Figure (D)**

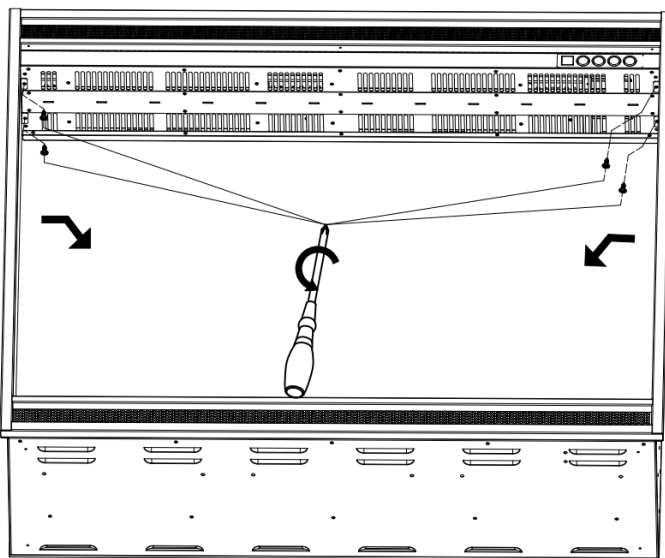


Figure (E)

STEP D. Refer Figure (E), take off the two side screws, refer to the arrow direction to remove the left and right baffle.

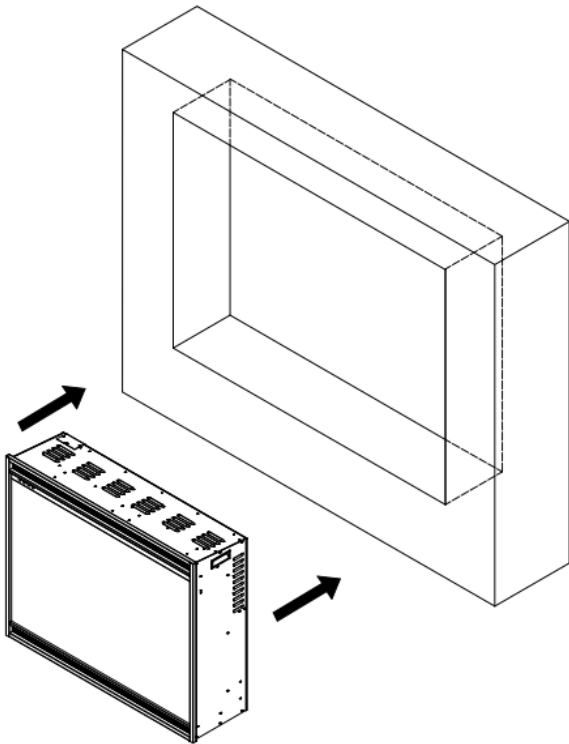


Figure (F)

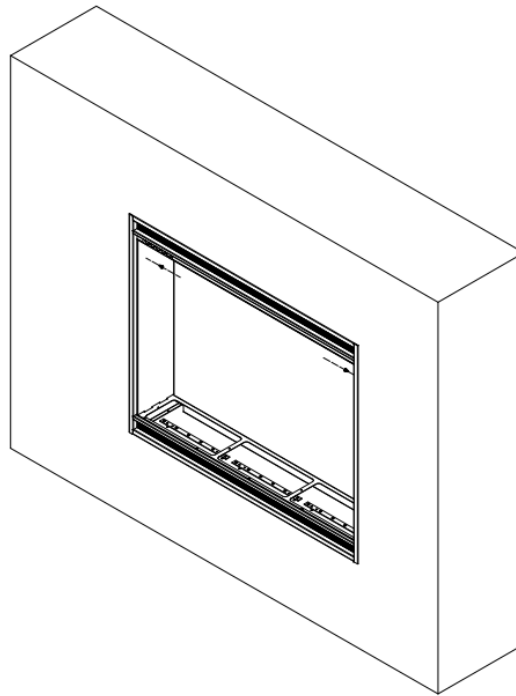


Figure (G)

STEP E. Have two person to move the fireplace box to the wall hole.

- Use the 4 screws (provided) to lock the appliance into the wall with the existing two side flanges, see **Figure (F)**
- Re-install the glass front.

STEP F. Fireplace will be like this after installation **Figure (G)**

Operation



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.**

Power

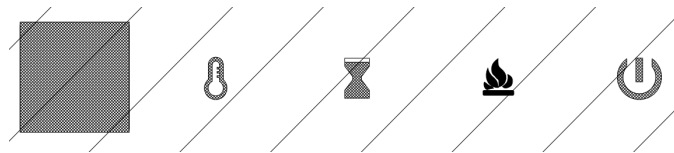
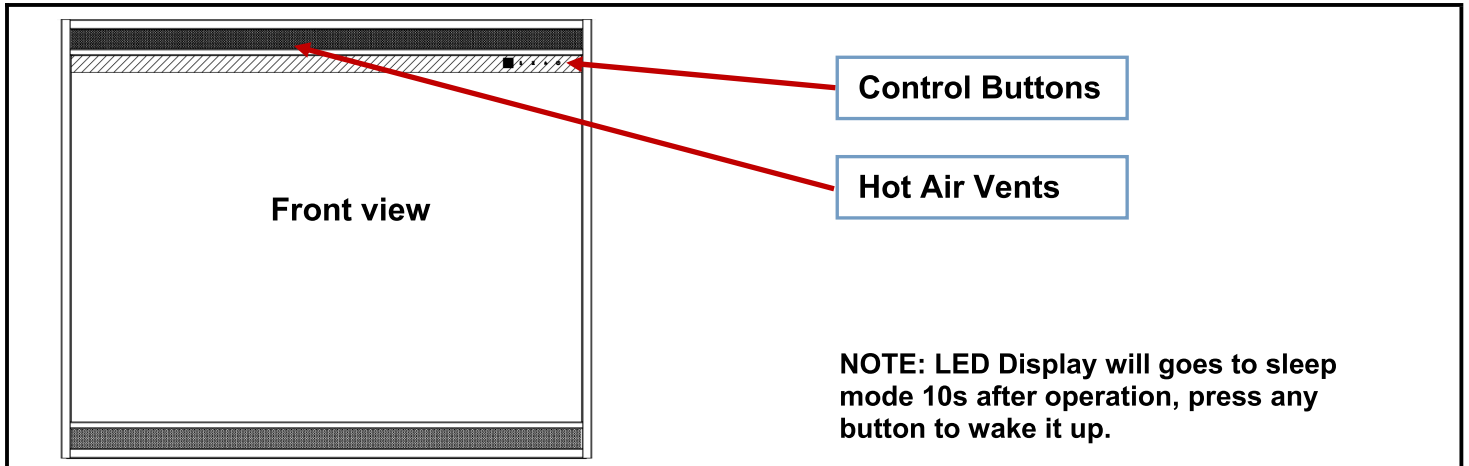
Plug the power cord into a 120/240 Volt 15 Amp grounded outlet (see **IMPORTANT SAFETY INFORMATION** on **Pages 2 and 3**). Make sure the outlet is in good condition and that the plug is not

loose. **NEVER** exceed the maximum amperage for the circuit. **DO NOT** plug other appliances into the same circuit.

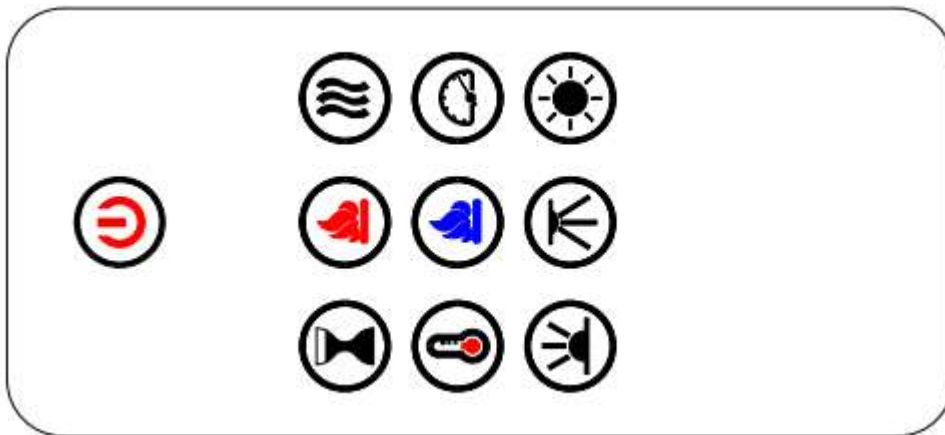
Methods of Operation

This electric fireplace can be operated by the CONTROL BUTTONS, located on the Front of the fireplace (see figure below), or by the battery-powered REMOTE CONTROL.

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












Control Buttons



Remote Control




Remote Control Operation


BUTTON	FUNCTION	ACTION & INDICATION																																										
 POWER	ON: Enables control panel functions and remote control. Turns on flame effect. OFF: Disables control panel functions	<ol style="list-style-type: none"> Press once. LED Indicator light turns on. Power turns on. All functions enabled. Press again. Flame effect turns off. Power and all functions turn off. 																																										
 TIMER	TIMER button: Controls timer settings to turn off fireplace at selected time. Settings range from 30 min to 8 hours.	<ol style="list-style-type: none"> Press once. LED Indicator light turns on. Timer is set to 30 min. Press again until desired setting is reached. Indicator lights show setting. 																																										
 COLOR	COLOR button: Makes the color flame effect changing. NOTE: color effect stays on until power button is turned off. Color flame effect must be on for heater to turn on. NOTE: this fireplace is with memory function for flame.	<ol style="list-style-type: none"> Press once. Flame color effect gets changing. Press again until desired setting is reached. 																																										
 HEATER	HEATER button: Turns heater on and off. NOTE: The heater only works when the flame effect is on. If the flame effect is off, the heater will not turn on. NOTE: To prevent overheating, the heater blows cool air for 30 seconds before the heater turns on, and after it turns off.	<ol style="list-style-type: none"> Press once. LED Indicator lights up. Continue press Fan blows cool air for 30 seconds. Then Low heater turns on and blows warm air. Press again. LED Indicator lights up. High heater turns on and blows hot air. Press again. Heaters turn off. The fan blows cool air, then turns off. 																																										
	TEMPERATURE button: Turns heater on and off. NOTE: Press the button for 5 seconds, the temperature setting will switch from °C to °F. Same way from °F to °C.	<ol style="list-style-type: none"> Press once: Touch panel indicator comes active. Press again: until desired setting is Reached. Digital display shows setting Circles as below: <table border="1" data-bbox="852 1596 1534 1669"> <tbody> <tr> <td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>N</td> </tr> <tr> <td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>C</td> </tr> <tr> <td>64</td><td>66</td><td>68</td><td>70</td><td>72</td><td>74</td><td>76</td><td>78</td><td>80</td><td>82</td><td>84</td><td>86</td><td>88</td><td>F</td> </tr> </tbody> </table>	0	1	2	3	4	5	6	7	8	9	10	11	12	N	18	19	20	21	22	23	24	25	26	27	28	29	30	C	64	66	68	70	72	74	76	78	80	82	84	86	88	F
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64	66	68	70	72	74	76	78	80	82	84	86	88	F																															
	Flame speed button: Controls the speed of the flame. There are 3 flame speed settings: 01 (slowest), 02 (Medium), 03 (fastest).	<ol style="list-style-type: none"> Press once. Flame speed gets changing. Press again until desired setting is reached. Display shows the setting. The Default setting is 02 (medium speed)																																										

 EMBER BED	EMBER BED button: Turns on media bed and changes color.	<ol style="list-style-type: none"> 1.Press once: Turns on ember bed. 2.Press again until desired color is reached. <p>There is a total of 10 flame colors. 01-02-03-04-05-06-07-08-09-10-11 (Auto cycle) 12 (Lock)</p>
 EMBER BED BRIGHTNESS	EMBER BED brightness button: Makes media bed dimmer and brighter.	<ol style="list-style-type: none"> 1.Press once: Brightness becomes active. 2.Press again until desired setting is reached. <p>There is a total of 4 brightness levels and 1 pulsating level. L5-L4-L3-L2-L1 (Pulsating)-L0(OFF)</p>
 DOWN LIGHT	DOWN LIGHT button: Turns on LED down light and changes color.	<ol style="list-style-type: none"> 1.Press once: Turns on LED down light. 2.Press again until desired color is reached. <p>There is a total of 10 flame colors. 01-02-03-04-05-06-07-08-09-10-11(Auto Cycle)- 00(OFF)</p>

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.

Control Buttons Operation

BUTTON	FUNCTION	ACTION & INDICATION
 TIMER	TIMER button: Controls timer settings to turn off fireplace at selected time. Settings range from 30 min to 8 hours.	<ol style="list-style-type: none"> 1. Press once. LED Indicator light turns on. Timer is set to 30 min. 2. Press again until desired setting is reached. Indicator lights show setting.
 COLOR	COLOR button: Makes the color flame effect changing. NOTE: color effect stays on until power button is turned off. Color flame effect must be on for heater to turn on.	<ol style="list-style-type: none"> 3. Press once. Flame color effect gets changing. 4. Press again until desired setting is reached.
 HEATER	HEATER button: Turns heater on and off. NOTE: The heater only works when the flame effect is on. If the flame effect is off, the heater will not turn on. NOTE: To prevent overheating, the heater blows cool air for 30 seconds before the heater turns on, and after it turns off.	<ol style="list-style-type: none"> 1. Press once. LED Indicator lights up. Continue press Fan blows cool air for 30 seconds. Then Low heater turns on and blows warm air. 2. Press again. LED Indicator lights up. High heater turns on and blows hot air. 3. Press again. Heaters turn off.

	<p>TEMPERATURE button: Turns heater on and off.</p> <p>NOTE: Press the button for 5 seconds, the temperature setting will switch from °C to °F. Same way from °F to °C.</p>	<p>1. Press once: Touch panel indicator comes active.</p> <p>Press again: until desired setting is Reached. Digital display shows setting Circles as below:</p>																																							
		<table border="1"> <tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>64</td><td>66</td><td>68</td><td>70</td><td>72</td><td>74</td><td>76</td><td>78</td><td>80</td><td>82</td><td>84</td><td>86</td><td>88</td></tr> </table>	0	1	2	3	4	5	6	7	8	9	10	11	12	18	19	20	21	22	23	24	25	26	27	28	29	30	64	66	68	70	72	74	76	78	80	82	84	86	88
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64	66	68	70	72	74	76	78	80	82	84	86	88																													


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 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.



Remote Control Battery Information

- This remote control uses CR2025 **batteries** (included).

	<p>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.</p>
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Care and Maintenance

Cleaning

	<p>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.</p>
	<p>NEVER immerse in water or spray with water. Doing so could result in electric shock, fire, or personal injury.</p>

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 sprayed onto the 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 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.