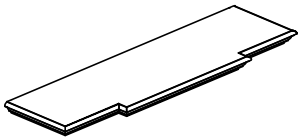
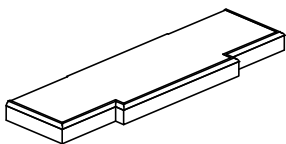

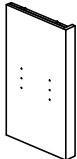
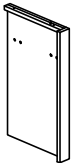
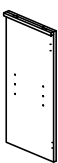
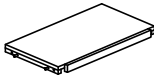
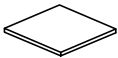


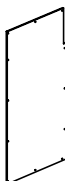
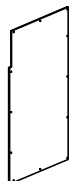
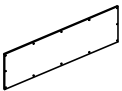









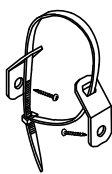
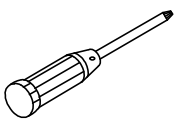
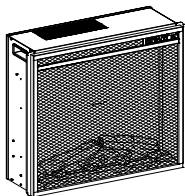


# ASSEMBLY INSTRUCTION

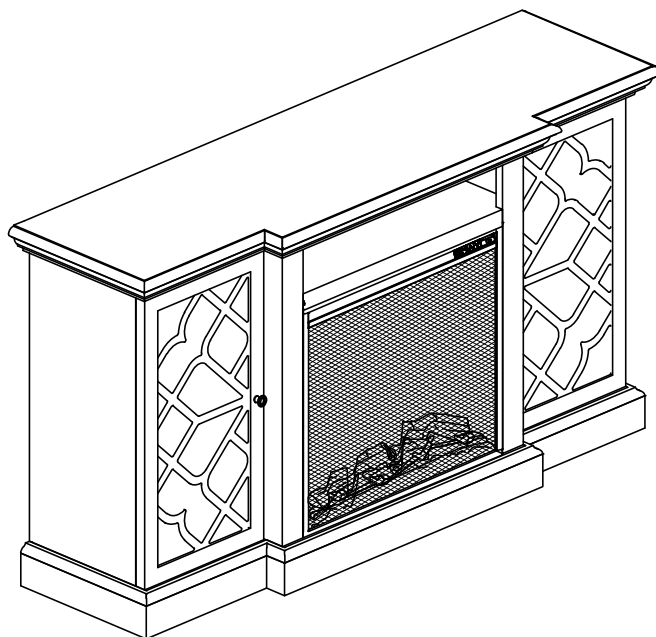
## FIREPLACE CABINET

<b>A</b> Top Panel	<b>B</b> Bottom Panel	<b>C</b> Left Side Panel	<b>D</b> Left Middle Panel
			
1pc	1pc	1pc	1pc
<b>E</b> Right Middle Panel	<b>F</b> Right Side Panel	<b>G</b> Middle Shelf Panel	<b>H</b> Side Shelf Panel
			
1pc	1pc	1pc	2pcs
<b>I</b> Left Door	<b>J</b> Right Door	<b>K</b> Left Back Panel	<b>L</b> Right Back Panel
			
1pc	1pc	1pc	1pc
<b>M</b> Middle Back Panel	<b>N</b> Bolt Ø1/4"x32mm	<b>O</b> Lock Washer Ø1/4"x10mm	<b>P</b> Flat Washer Ø1/4"x16mm
			
1pc	20pcs	20pcs	20pcs
<b>Q</b> Allen Key M4	<b>R</b> Screw M4x12mm	<b>S</b> Handle	<b>T</b> Bolt Ø5/32"x1-1/8"
			
1pc	12pcs	2pcs	2pcs
<b>U</b> Shelf Pin	<b>V</b> Screw M3x16mm	<b>W</b> Anti-Tipping Kit	<b>X</b> Screwdriver (Not Provided)
			
8pcs	36pcs	1set	1pc

## Y Firebox

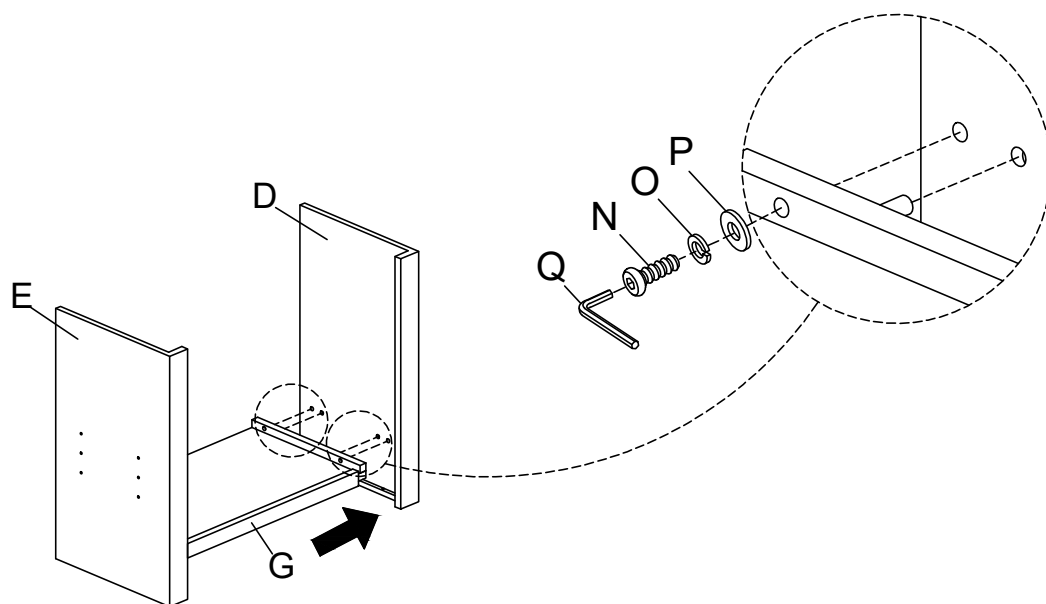


1pc

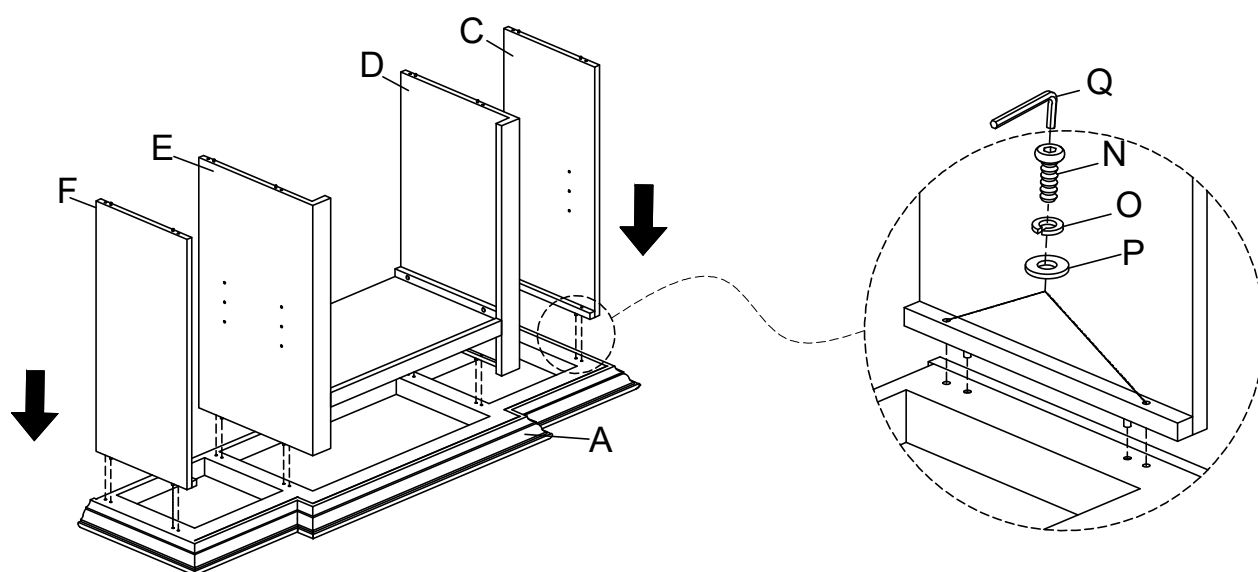


The first & second pages list all the contents included in the box. Please take the time to identify the hardware as well as the individual components to this product. As you unpack and prepare for assembly, place the contents on a carpeted or padded area to protect them from damage.

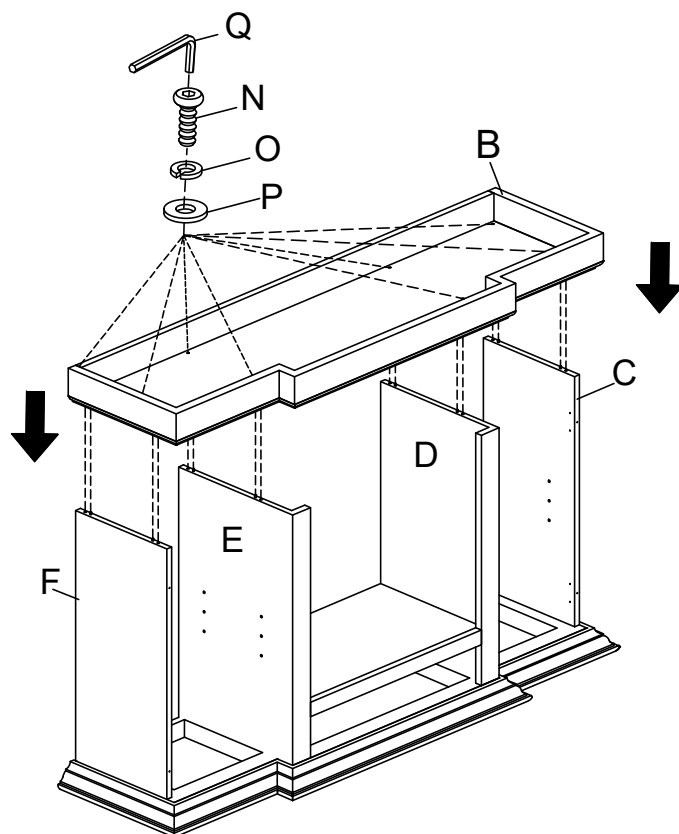
- 1** Assemble Middle Shelf Panel (G) to Left Middle Panel (D) & Right Middle Panel (E), using Bolt (N), Lock Washer (O) and Flat Washer (P) by Allen Key (Q) as below shown.



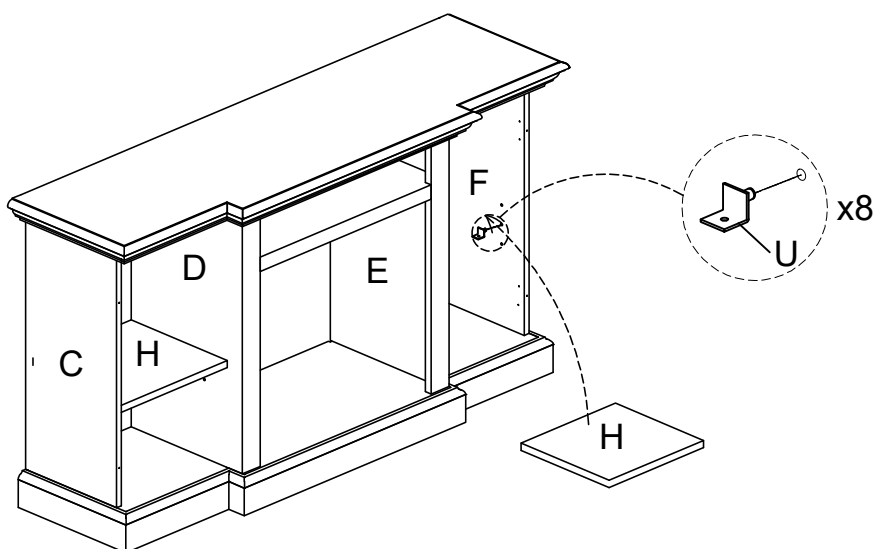
- 2** Assemble Top Panel (A) to Left Side Panel (C), Left Middle Panel (D), Right Middle Panel (E) & Right Side Panel (F), using Bolt (N), Lock Washer (O) and Flat Washer (P) by Allen Key (Q) as below shown.



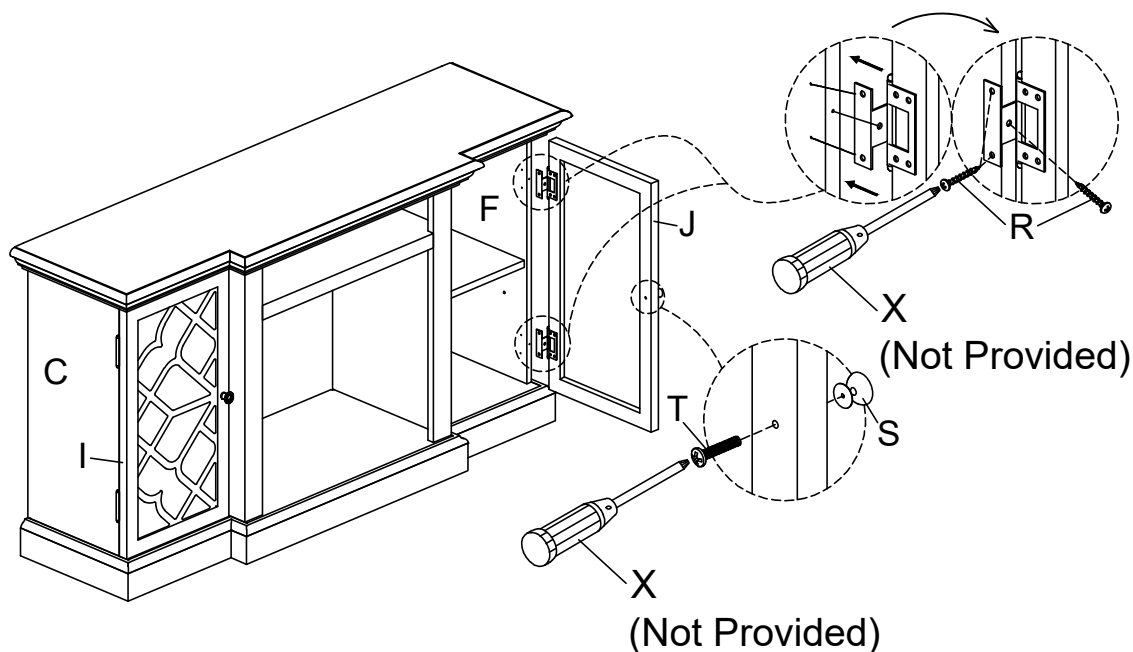
- 3** Assemble Bottom Panel (B) to Left Side Panel (C), Left Middle Panel (D), Right Middle Panel (E) & Right Side Panel (F), using Bolt (N), Lock Washer (O) and Flat Washer (P) by Allen Key (Q) as below shown.



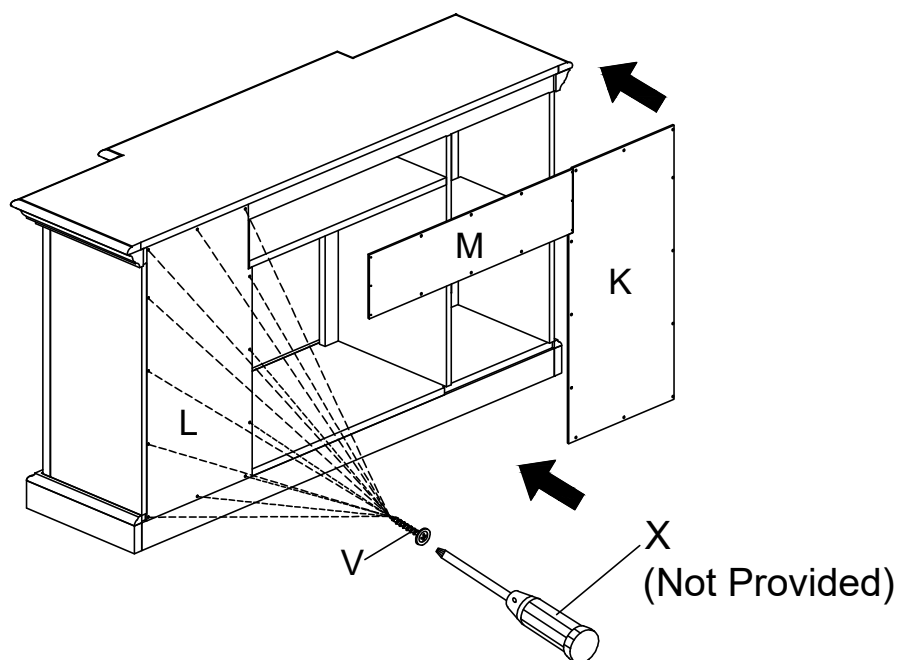
- 4** Insert Shelf Pin (U) to the holes on Left Side Panel (C), Left Middle Panel (D), Right Middle Panel (E) and Right Side Panel (F), then put Shelf Panel (H) onto the Shelf Pin (U) as below shown.



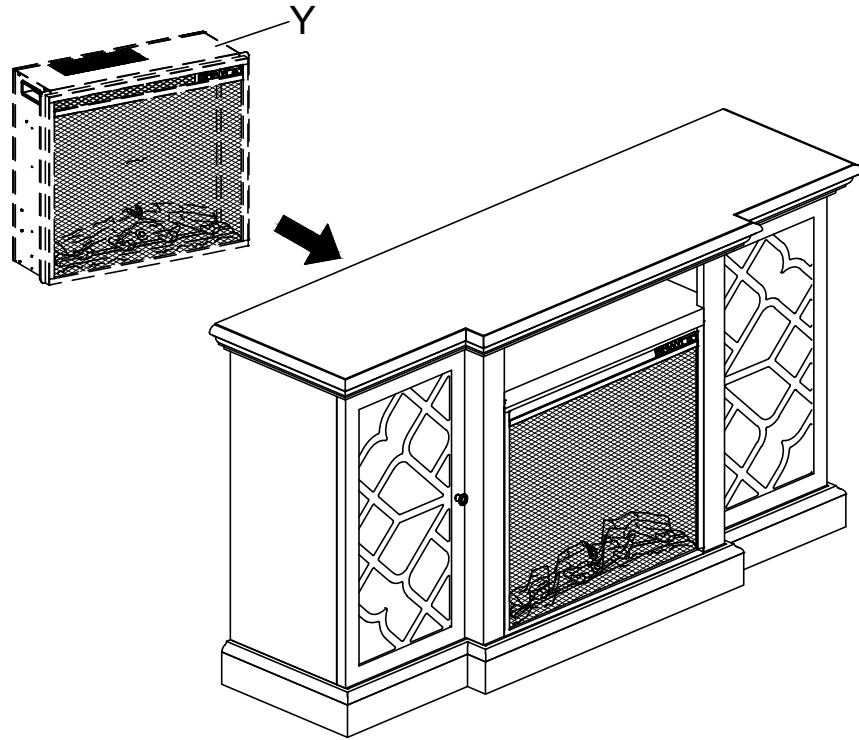
- 5** Assemble Left Door (I) to Left Side Panel (C) and Right Door (J) to Right Side Panel (F), using Screw (R) by Screwdriver (X). Next, assemble Handle (S) to Left Door (I) & Right Door (J), using Bolt (T) by Screwdriver (X) as below shown.



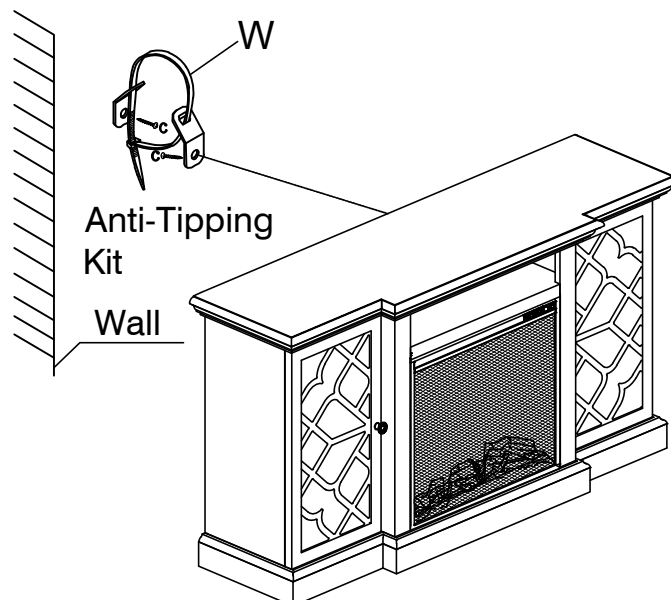
- 6** Assemble Left Back Panel (K), Middle Back Panel (M), Right Back Back Panel (L), using Screw (V) by Screwdriver (X) as below shown.



- 7** Put Firebox (Y) to the center of cabinet from back to front, as below shown.



- 8** Remark: There is a tip restraint kit provided on the back of this product. Please refer carefully to the instruction on the tip restraint kit and following instruction picture for installation.

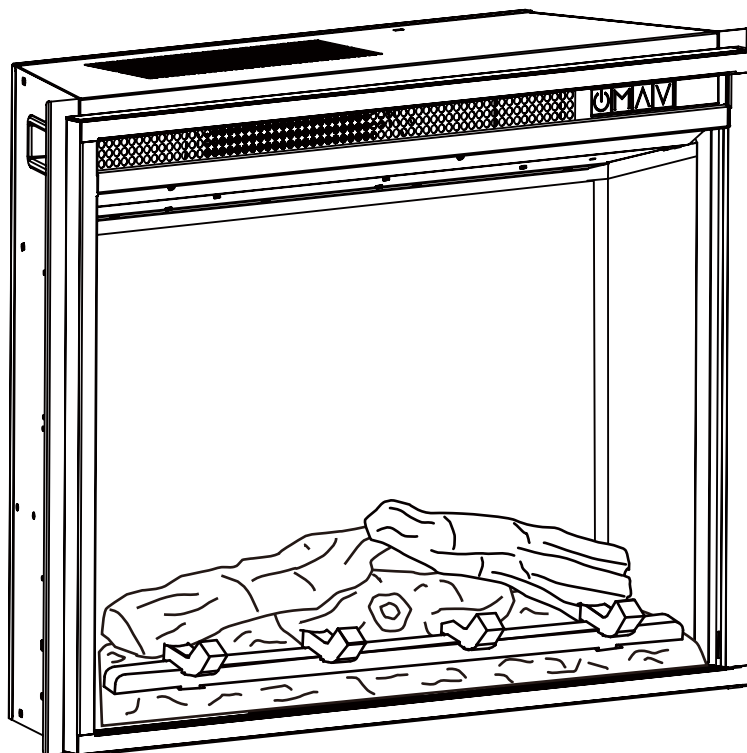


## Cleaning & Care

Treat surface with care. Surface is resistant to scratches but is not scratch resistant. Clean surfaces with a dry or damp soft cloth. Do not use abrasive cleaners. Hardware may loosen over time. Periodically check that all connections are tight.

# Electric Fireplace Insert

## ASSEMBLY, CARE & USE INSTRUCTIONS



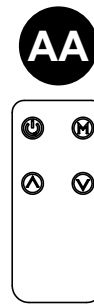
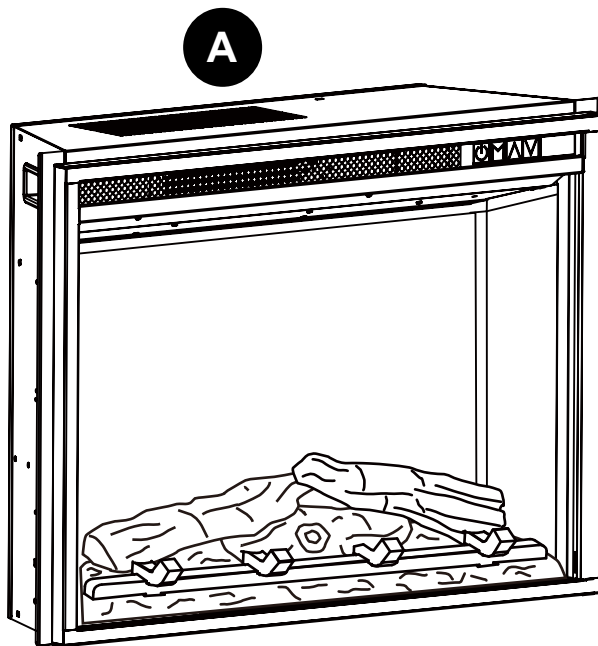
Item#: E219-B  
Model#: SP2320-IR-FGPB

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# Please Keep This Manual For Future Reference

## PACKAGE CONTENTS

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PART	DESCRIPTION	QUANTITY
A	Main Product	1
AA	Remote Control	1



## SAFETY INFORMATION

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Please read and understand this entire manual before attempting to assemble, operate or install the product.

This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The 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 or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the 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.

This device complies with Part 15 of the FCC rules. 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.

Modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003.





## SAFETY INFORMATION

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# IMPORTANT INSTRUCTIONS

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:



### DANGER

- If the information in this manual is not followed exactly, an electric shock or fire may result causing property damage, personal injury or loss of life.



### WARNING

- This appliance is hot when in use. To avoid burns, **DO NOT** let bare skin touch hot surfaces. Keep combustible material, such as furniture, pillows, bedding, papers, clothes and curtains, at least 3 feet from this appliance.
- Extreme caution is necessary when any heater is used by or near children or individuals with disabilities and whenever the fireplace is left operating and unattended.
- **DO NOT** run cord under carpeting. **DO NOT** cover cord with throw rugs, runners, or similar covering. Arrange cord away from traffic areas and where it will not be ripped over.
- **DO NOT** insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the appliance.
- This appliance has hot and arcing or sparking parts inside. **DO NOT** use it in areas where gasoline, paint or flammable vapors or liquids are used or stored. This fireplace should not be used as a drying rack for clothing. Christmas stockings or decorations should not be hung in the area of it.
- Use this appliance only as described in the manual. Any other use is **NOT** recommended by the manufacturer and may cause fire, electric shock or injury to persons.

### CAUTION

- If possible, ALWAYS unplug this appliance when not in use.
- **DO NOT** operate any heater with a damaged cord or plug or after the heater malfunctions. **DO NOT** operate any heater if it has been dropped or damaged in any manner. Disconnect power at service panel and have heater inspected by a reputable electrician before reusing.
- Any repairs to this fireplace should be carried out by a qualified service person.
- Under no circumstances should this fireplace be modified. Parts having to be removed for servicing must be replaced prior to operating this fireplace again.
- **DO NOT** use outdoors.
- This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. **NEVER** place heater where it may fall into a bathtub or other water container.
- To disconnect this appliance, turn controls to the off position, then remove plug from outlet.
- **ONLY** connect to properly grounded outlets.
- This appliance, when installed, must be electrically grounded in accordance with local codes, with the current CSA C22.1 Canadian Electrical Code or follow the National Electrical Code, ANSI/NFPA N0.70.
- To prevent a possible fire, **DO NOT** block air intakes or exhaust in any manner. **DO NOT** use on soft surfaces, like a bed, where opening may become blocked.
- The heaters **MUST NOT** be located immediately below a socket-outlet.
- **ALWAYS** plug heaters directly into a wall outlet/receptacle. **NEVER** use with an extension cord or re-loadable power tap (outlet/power strip).
- There is a thermostat limiter inside the item. If the inner temperature overheats or abnormal heating occurs, the thermostat protective device will cut off power supply to prevent damage or risk of fire.
- **DO NOT** slide insert on top of wood to avoid scratching wood surface.



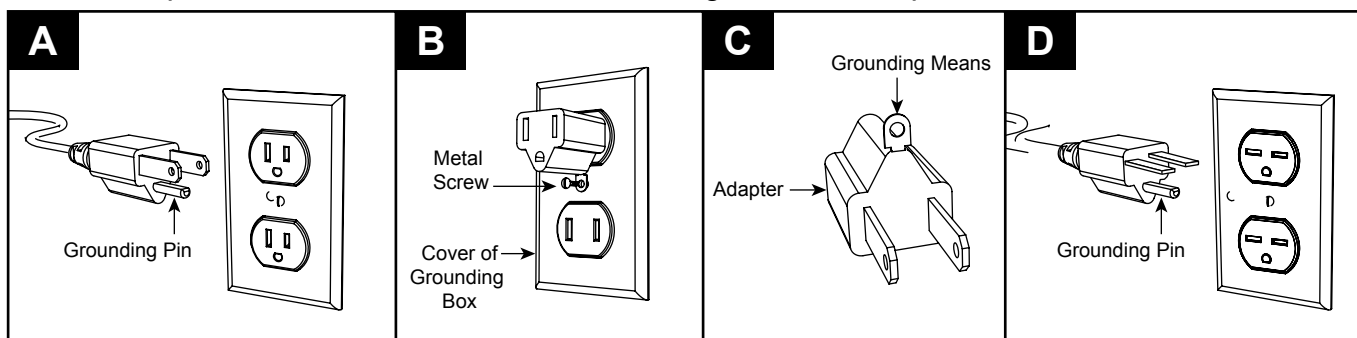
## SAFETY INFORMATION

- **DO NOT** place any objects on top of insert and top air intake vents as this will cause unit to overheat and can cause a fire.

### Electrical Connection

SPECIFICATIONS		
Voltage	Amps	Watts (max.)
120 VAC, 60 Hz	12.5 Amps	1500 Watts

- A 15-amp, 120-volt, 60 Hz circuit with a properly grounded outlet is required. Preferably, the fireplace will be on a dedicated circuit as other appliances on the same circuit may cause the circuit breaker to trip or the fuse to blow when the heater is in operation. The unit comes standard with 6-ft. three-wire cord, exiting from the rear of the fireplace. **DO NOT** exceed the current rating of the current tap. **ALWAYS** plug heaters directly into a wall outlet/receptacle. **NEVER** use with an extension cord or relocatable power tap (outlet/power strip).
- This heater is for use on 120 volts. The cord has a plug as shown below. See illustration for grounding instruction. An adapter as shown at C is available for connecting three-blade grounding type plugs to two-slot receptacles. The green grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.

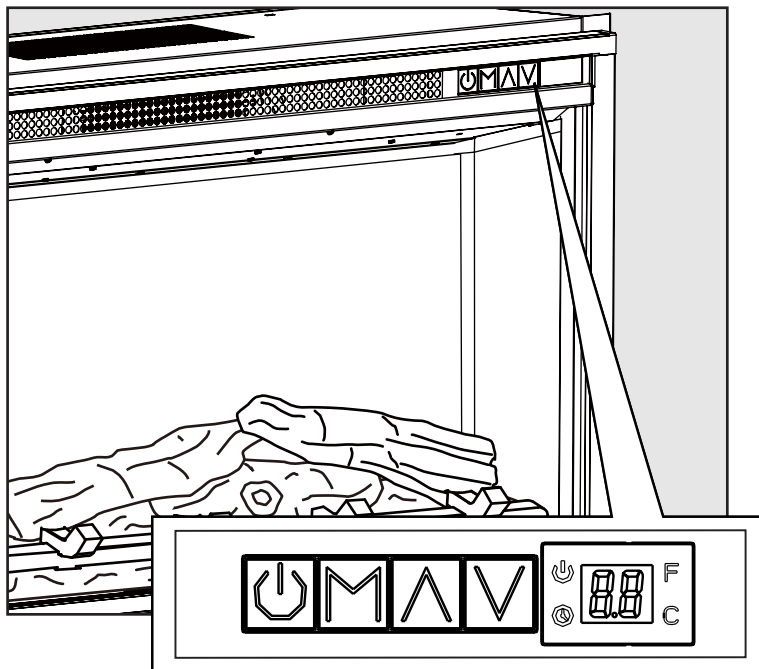


## SAVE THESE INSTRUCTIONS

## OPERATING INSTRUCTIONS

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**Control Panel**



**Remote Control (AA)**

To use the remote control, first remove the plastic tab by gently pulling it out of remote control (AA).



### **Power Button**

- Pressing the power button will turn ON or OFF the unit.
- When the unit is in ON mode, the power icon indicator light will be shown green. And turn ON the heating level and flame brightness effect with the last settings.
- When the unit is in OFF mode, the power icon indicator light will be shown red.

**Note:** The unit has a memory function with last settings for heating level and flame brightness effect, unless the main power to the unit has been interrupted.



### **Mode Button**

- Press the mode button to cycle through the different functions. Each time the mode button is pressed, the mode will enter the next function - Temperature, Timer or Flame Brightness.



### **UP Arrow Button**

- Use up arrow button to increase the setting of the selected function.



### **Down Arrow Button**

- Use down arrow button to decrease the setting of the selected function.

## OPERATING INSTRUCTIONS

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### Temperature Mode

- The temperature mode controls the heater's thermostat setting.
- Use Up arrow button or Down arrow button to scroll through the pre-set temperature settings:
  - Fahrenheit: 65, 70, 75, 80, 85, 90, HI, OF
  - Celsius: 18, 21, 24, 27, 29, 32, HI, OF
- Hold down the mode button for 3 seconds to toggle between Fahrenheit and Celsius. A small "F" or "C" will display next to the temperature.  
**Note:** This option is only available if using the control panel.
- When the ambient temperature is higher than the set temperature, heater will turn off automatically.

### Timer Mode

- The timer mode should be used to set the countdown for the unit's main power.
- Use Up arrow button or Down arrow button to scroll through the timer settings, 0.0, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0.
- When the timer reaches zero, the heater and power will turn off automatically.

### Flame Brightness Mode

- The flame brightness mode should be used to set the flame brightness.
- Use Up arrow button or Down arrow button to scroll through the flame brightness settings: F0 (lowest), F1, F2, F3, F4, F5 (brightest).

### Additional Function

- Heater Lock: When the unit is ON, press and hold the POWER button for 10 seconds to activate a lock feature on the heater. The unit will flash "E3" 3 times and the heater function will lock; all other buttons/functions will work as normal. To unlock the heater, simply press and hold the POWER button for another 10 seconds.  
**Note:** This option is only available if using the control panel.

## CARE AND MAINTENANCE

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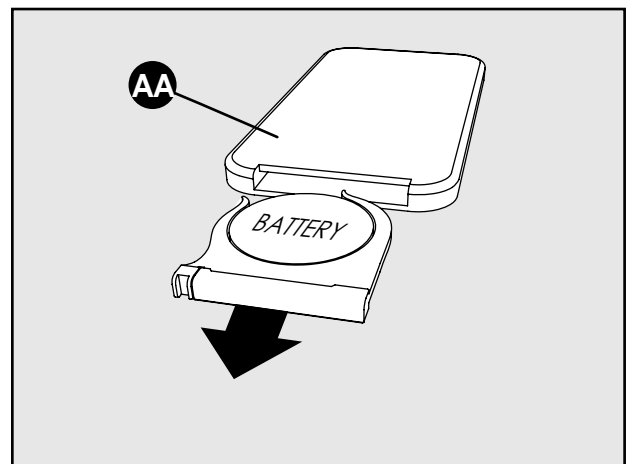
- Make sure the unit is turned OFF, unplugged and the heating elements of heater are cool whenever you are cleaning the heater or fireplace.
- Clean the metal trim using a water-dampened soft, clean cloth. **DO NOT** use brass polish or household cleaners as these products will damage the metal trim.
- The motors used on the fan and the flame generator assembly are pre-lubricated for extended bearing life and require no further lubrication. However, periodic cleaning/vacuuming of the fan/heater and air intake/output vents is recommended.
- When the heater is not in use, the power cord should be stored properly to avoid contact with hot or sharp objects.
- Any other servicing should be performed by an authorized service representative.

### Replacing the Remote Control Battery

When the remote control (AA) stops operating or its range seems reduced, it is time to replace the battery. **Note:** The battery should be removed if the product is to be left unused for a long time.

**Caution:** Non-rechargeable battery is not to be recharged. Exhausted battery is to be removed from the product.

1. The battery compartment is located on the back end of the remote control (AA).
2. Press the small tab inward as you slide the battery door open and remove the old battery.
3. Insert a new CR2025 lithium battery (not included), ensuring the polarities of the battery match the inside of the battery compartment.
4. Re-insert the battery door.



### Disposal of Used Battery

A battery may contain hazardous substances that could be endangering to environment and human health.

- This symbol marked on the battery and/or packaging indicates that used battery shall not be treated as municipal waste. Instead it shall be left at the appropriate collection point for recycling.
- By ensuring the used battery is disposed of correctly, you will help prevent potential negative consequences for the environment and human health. The recycling of materials will help to conserve natural resources.



For more information about collection and recycling of used batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased this item.

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Error E1 displayed on control panel.	The overheat sensor has been engaged.	Unplug unit, wait 5-10 minutes, then the sensor will reset itself. Plug the unit back in and turn on the heater. If the problem persists, call customer service. <b>Note:</b> The other functions will work normally. Until the problem is solved, the error will only appear/sound when the heater button is pressed.
Error E2 displayed on control panel.	The thermostat sensor is broken or not working correctly.	Unplug unit, wait 5-10 minutes, then the sensor will reset itself. Plug the unit back in and turn on the heater. If the problem persists, call customer service. <b>Note:</b> The other functions will work normally. Until the problem is solved, the error will only appear/sound when the heater button is pressed.
Error E3 displayed on control panel.	The Heater is locked	To unlock the heater, simply press and hold the POWER button for 10 seconds.
No power; logs do not glow.	The unit does not have power.	Check the power cord is securely plugged into a standard 120V outlet. Then check to make sure the unit is powered on.
No flame effect but logs are glowing.	The flame effect is powered off.	Push the flame brightness button until desired level is achieved.
Heater and blower do not power on but rest of functions are working.	The Heater is locked	To unlock the heater, simply press and hold the POWER button for 10 seconds.
Power cord gets warm to the touch.	Normal operation.	This is normal for a heater appliance as it requires more current to operate. Check the connections of the appliance cord and the outlet. Make sure the plug fits tightly into the outlet. During use, check the plug and outlet frequently to determine if it is HOT; if so, discontinue use of the appliance and consult with a qualified electrician to check or change the overheating outlet(s).
Remote control does not work.	Weak or failing battery.	Replace with a new battery. (Refer to page 7.)
Remote control signal is weak and only works sometimes.	Pressing the buttons too quickly.	Press the buttons slowly and steadily to ensure the transmitter recognizes the request.
	Using the remote control too far away or at an off angle.	Move closer to the insert; the remote control will only work within a distance of 20 feet and 45 degrees to either side from the front of the fireplace insert.
Fan motor continues to blow after unit is powered off.	Normal operation.	This is a standard feature; the blower runs for an additional minute to cool off heater tubes.