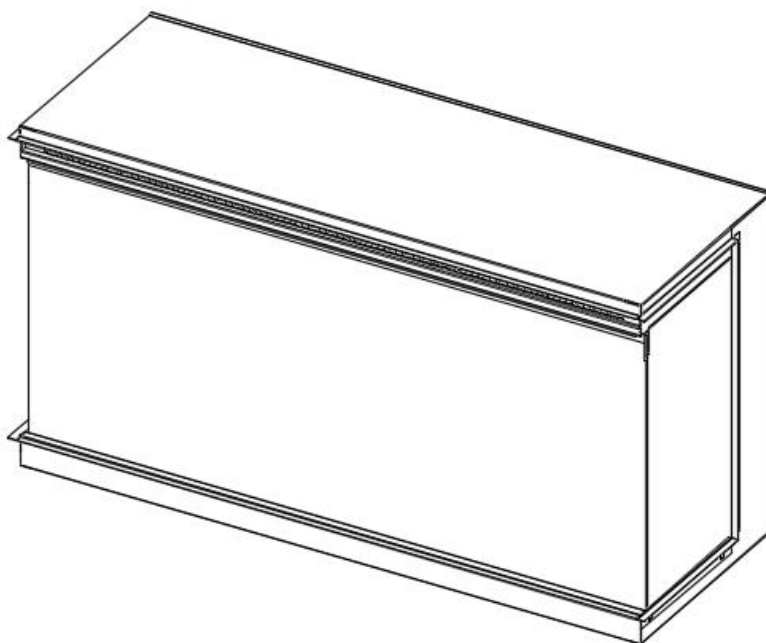


# CRYSTAL MANUAL FIREPLACE



**AC 220V-240V 50H**

|                                                                                                       |                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>WARNING</b> | <p><b>Read and understand</b> this entire owner's manual, including <b>all safety information</b>, <u>before plugging in</u> or <b>using</b> this product. Failure to do so could result in <b>fire, electric shock, or serious personal injury</b>.</p> |
| <br><b>WARNING</b> | <p><b>The air intake vents should not be covered in any way, covering the vents invalidates your warranty!!!</b></p>                                                                                                                                     |

# IMPORTANT SAFETY INFORMATION!

## WARNING

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:

- Read all instructions before using this fireplace.
- Always unplug fireplace when not in use.
- Do not operate any fireplace with a damaged cord or plug or after the fireplace malfunctions, has been dropped damaged in any manner, return fireplace to authorized service facility for examination, electrical or mechanical adjustment, or repair.
- Indoor use only, do not use outdoors.
- This fireplace is not intended for use in bathrooms, laundry areas and similar indoor locations.  
Never locate fireplace where it may fall into a bathtub or other water container.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tipped over.
- To disconnect fireplace, turn controls to off, then remove plug from outlet.
- Use this fireplace only as describes in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Replacement of the lamps should be done only while the fireplace is disconnected from the supply circuit.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

## Preparation

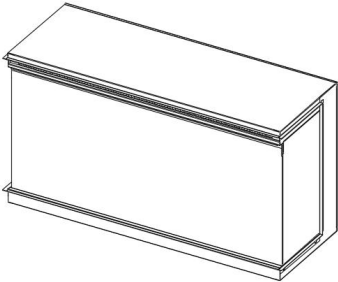
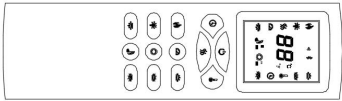
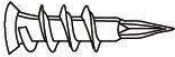
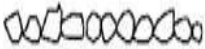
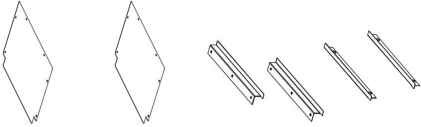


This product includes a **GLASS panel!** Always use **extreme caution** when handling **glass**. Failure to do so could result in **personal injury** or **property damage**.

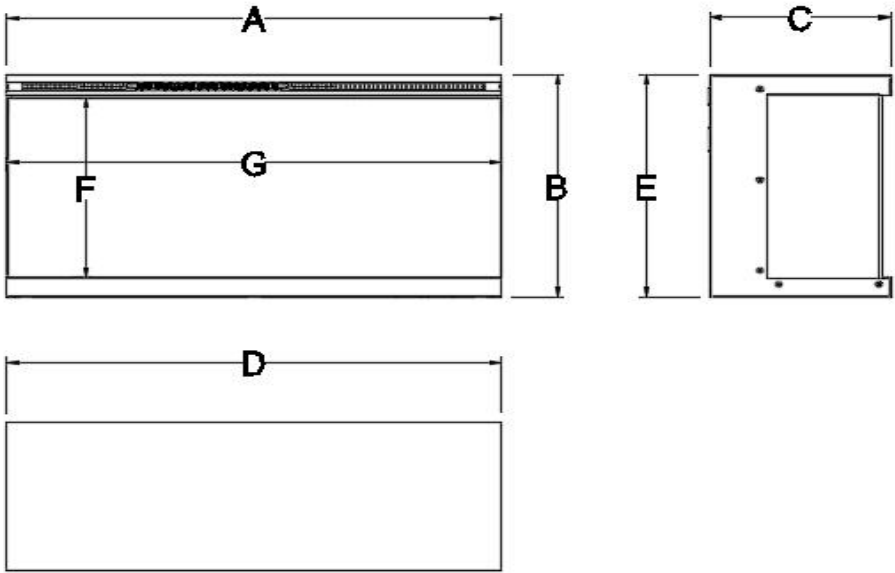
Remove all parts and hardware from the carton and place them on a clean, soft, dry surface. Parts and assembly steps are grouped for wall-hanging or recessing use. Check the parts list to make sure nothing is missing. Dispose of packaging materials properly. Please recycle whenever possible.

**You will need the following tools (not included):** Phillips screwdriver; stud finder; level; tape measure; electric drill; 1/4" wood drill bit, hammer.

Parts and Hardware

|                                                                                                                   |                                                 |                                                                                                                 |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br><b>A – CRYSTAL Fireplace</b> |                                                 | <br><b>B – Remote Control</b> |                                                                                     |
|                                                                                                                   |                                                 |                                |  |
|                                                                                                                   |                                                 | <b>C – Screws</b>                                                                                               |                                                                                     |
|                                                                                                                   |                                                 |                                |    |
| <b>D-Drywall anchors</b>                                                                                          | <b>E-Decorative crystal (transparent+black)</b> |                              |                                                                                     |
|                                  |                                                 |                                |                                                                                     |
| <b>H-Iron bar accessories</b>                                                                                     |                                                 | <b>I-sucker</b>                                                                                                 |                                                                                     |

Specification and Dimension

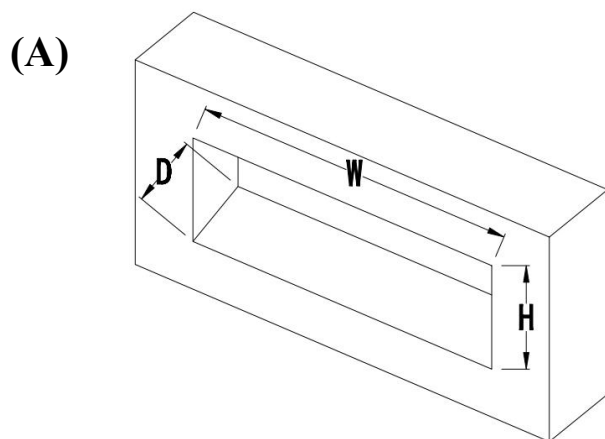


## PRODUCT DIMENSIONS

| Model Number | A                | B               | C               | D                | E               | F                | G                 |
|--------------|------------------|-----------------|-----------------|------------------|-----------------|------------------|-------------------|
| EC-75        | 29.5"<br>75.0cm  | 18.3"<br>46.5cm | 12.2"<br>31.0cm | 29.5"<br>75.0cm  | 18.3"<br>46.5cm | 11.81"<br>30.0cm | 29.33"<br>74.5cm  |
| EC-84        | 33.3"<br>84.6cm  | 18.3"<br>46.5cm | 12.2"<br>31.0cm | 33.3"<br>84.6cm  | 18.3"<br>46.5cm | 11.81"<br>30.0cm | 33.11"<br>84.1cm  |
| EC-100       | 39.4"<br>100.0cm | 18.3"<br>46.5cm | 12.2"<br>31.0cm | 39.4"<br>100.0cm | 18.3"<br>46.5cm | 11.81"<br>30.0cm | 39.17"<br>99.5cm  |
| EC-130       | 51.2"<br>130.0cm | 18.3"<br>46.5cm | 12.2"<br>31.0cm | 51.2"<br>130.0cm | 18.3"<br>46.5cm | 11.81"<br>30.0cm | 50.98"<br>129.5cm |
| EC-160       | 63"<br>160.0cm   | 18.3"<br>46.5cm | 12.2"<br>31.0cm | 63"<br>160.0cm   | 18.3"<br>46.5cm | 11.81"<br>30.0cm | 62.79"<br>159.5cm |
| EC-190       | 72"<br>182.8cm   | 18.3"<br>46.5cm | 12.2"<br>31.0cm | 72"<br>182.8cm   | 18.3"<br>46.5cm | 11.81"<br>30.0cm | 71.77"<br>182.3cm |

## Installation and Assembly

### RECESSED TOWALL INSTALLATION

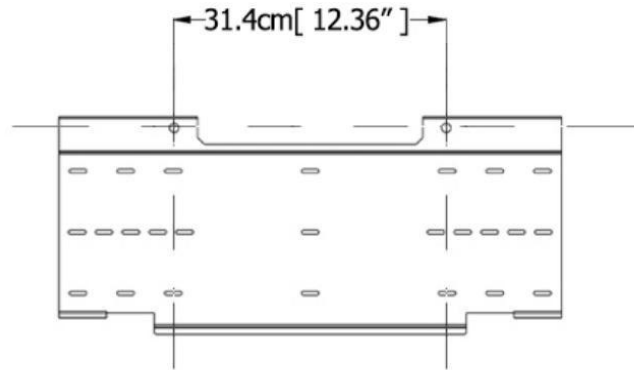


**STEP A.** Selection a dry wall to open a hole for fireplace box. Size of hole as below chart. **Figure (A)**

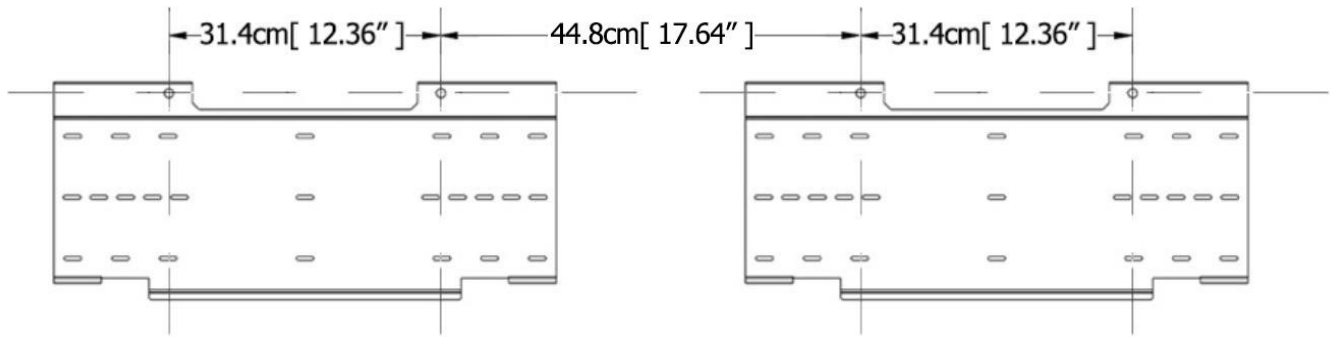
| Framing Hole Size |                 |              |                |
|-------------------|-----------------|--------------|----------------|
| Model Number      | W               | D            | H              |
| EC-75             | 29.61"(75.2cm)  | 12.60"(32cm) | 18.39"(46.7cm) |
| EC-84             | 33.39"(84.8cm)  | 12.60"(32cm) | 18.39"(46.7cm) |
| EC-100            | 39.45"(100.2cm) | 12.60"(32cm) | 18.39"(46.7cm) |
| EC-130            | 51.26"(130.2cm) | 12.60"(32cm) | 18.39"(46.7cm) |
| EC-160            | 63.07"(160.2cm) | 12.60"(32cm) | 18.39"(46.7cm) |
| EC-182            | 72.05"(183.0cm) | 12.60"(32cm) | 18.39"(46.7cm) |

# Installation Overview

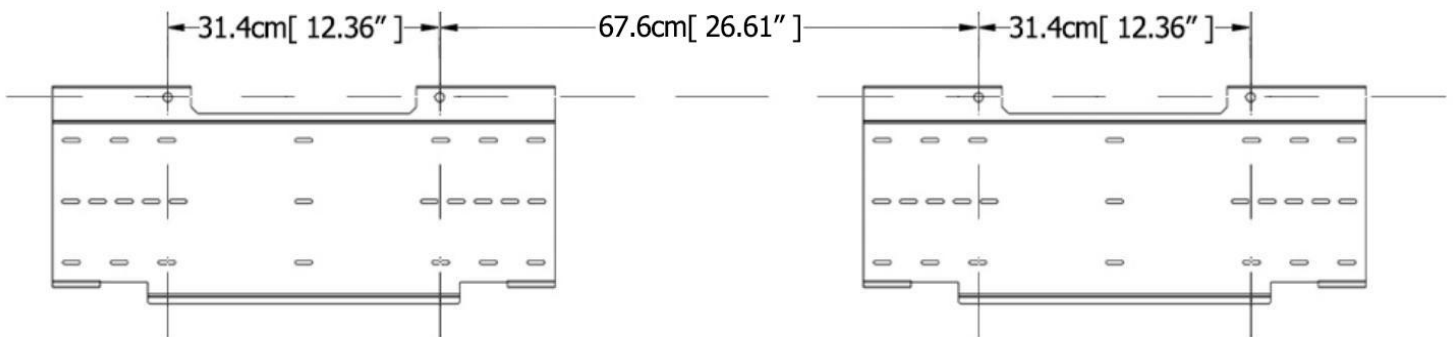
Due to the relatively heavy weight of the machine, to prevent the bottom from being weighed down excessively and causing collapse, it is necessary to first secure the back of the machine to a wooden stake. The specific operation is shown in the following diagram.



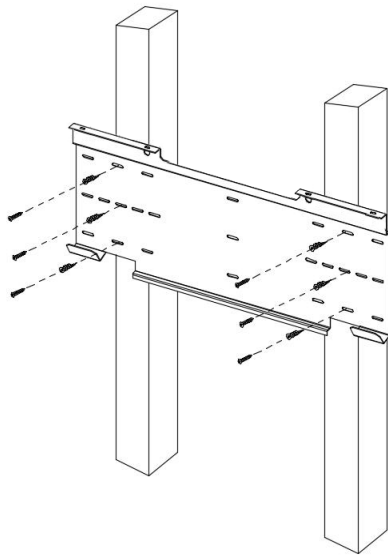
EC-75/84/100/130



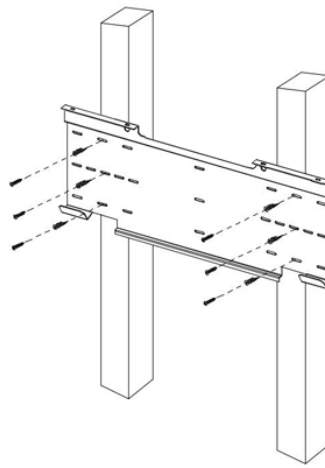
EC-160



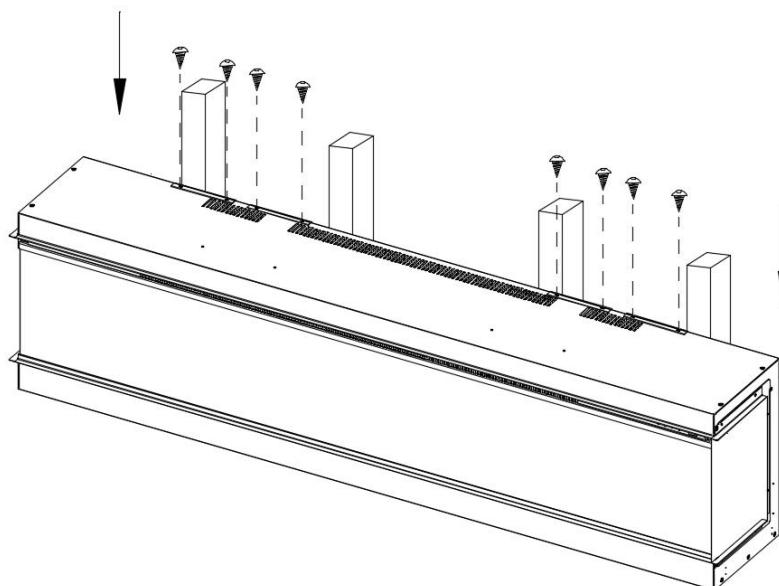
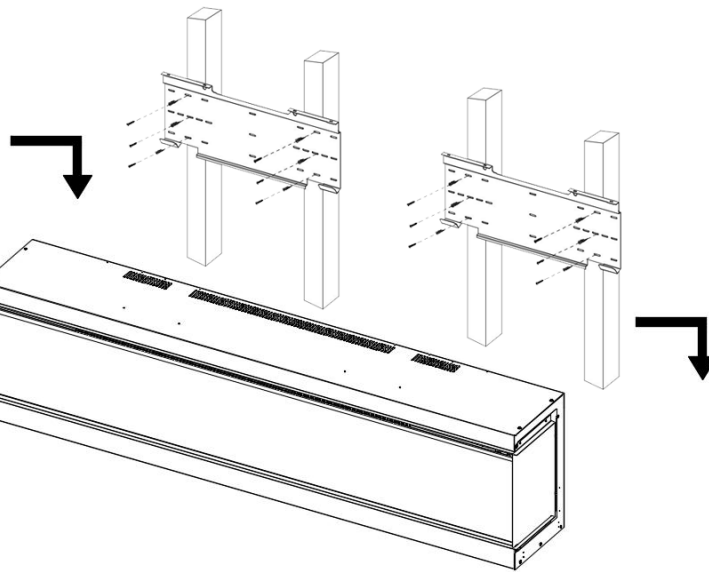
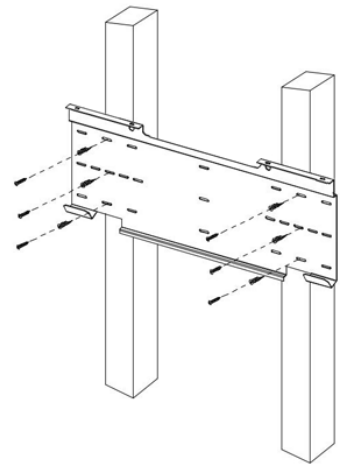
EC-182



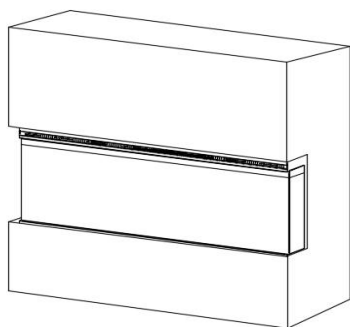
EC-75/84/100/130



EC-160/182



Your appliance facilitates three different installation configurations: **three-sided, two-sided, and Single-sided.**

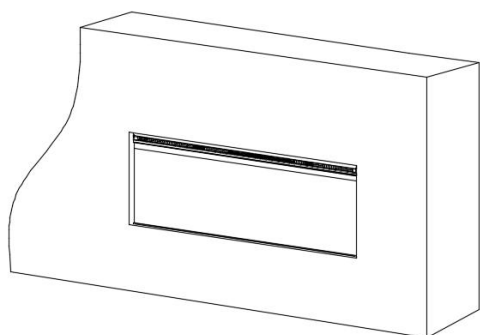
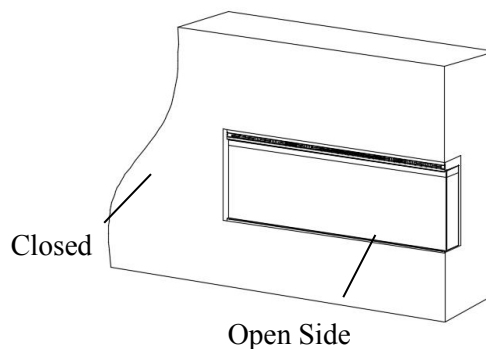


#### **Three-sided installation**

- Glass exposed on front, left, AND right sides.
- Appliance is fully recessed into the wall with both sides open.

#### **Two-sided installation**

- Glass exposed on front, AND left OR right sides.
- Appliance is fully recessed into the wall with one side open.

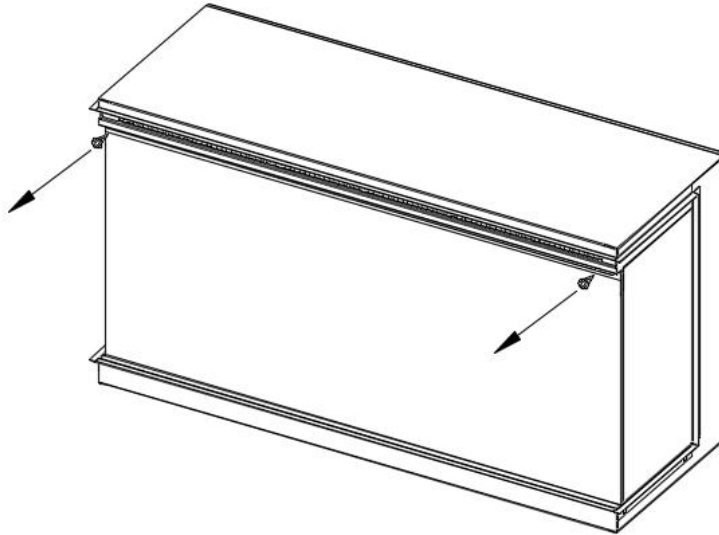


#### **Single-sided installation**

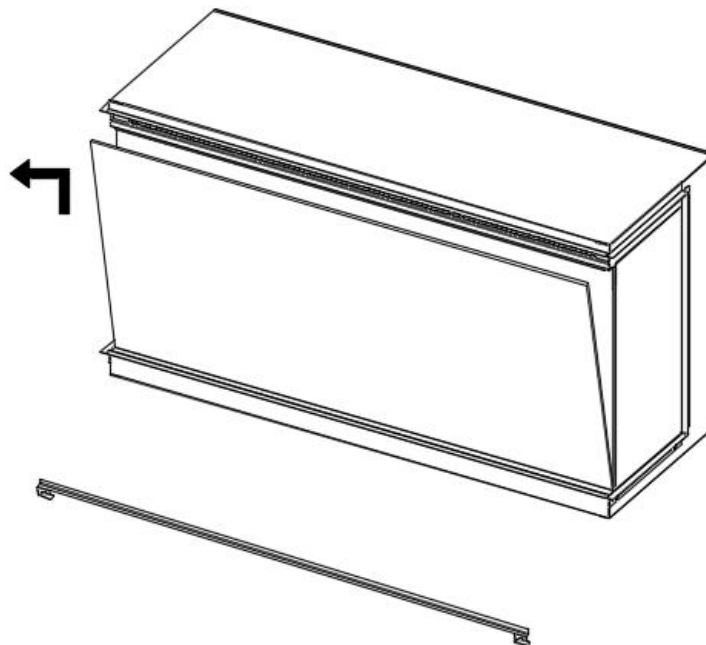
- Glass exposed on front ONLY.
- Appliance is fully recessed into the wall.

# How do remove Front glass?

**1. Remove the screws from the top glass panel.**



**2. Try to lift the glass to the front with 2 people**



**3. Do the reverse to reset everything**

# Log-set / Crystals/Pebbles Installation

(NOTE: Run the installation according to the embers you purchased or selected.)

- A. Glass front must be removed and the appliance must be mounted in its final location before the drift logs embers are installed.
- B. Carefully place the plastic ember bed strip to the slot, then place crystal/pebbles embers onto the surface of the ember bed as illustrated. Apply an even layer from side to side. **Figure 1.**



Figure 1

## Operation



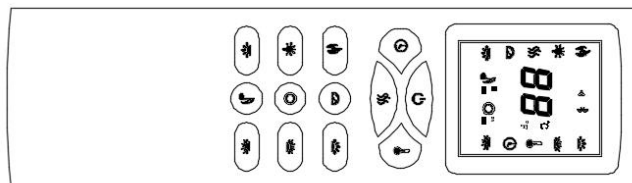
Read and understand this entire owner's manual, including **all safety information**, before plugging in or using this product. Failure to do so could result in **electric shock, fire, serious injury, or death.**

### Power

Plug the power cord into a AC 220-240 Volt 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.

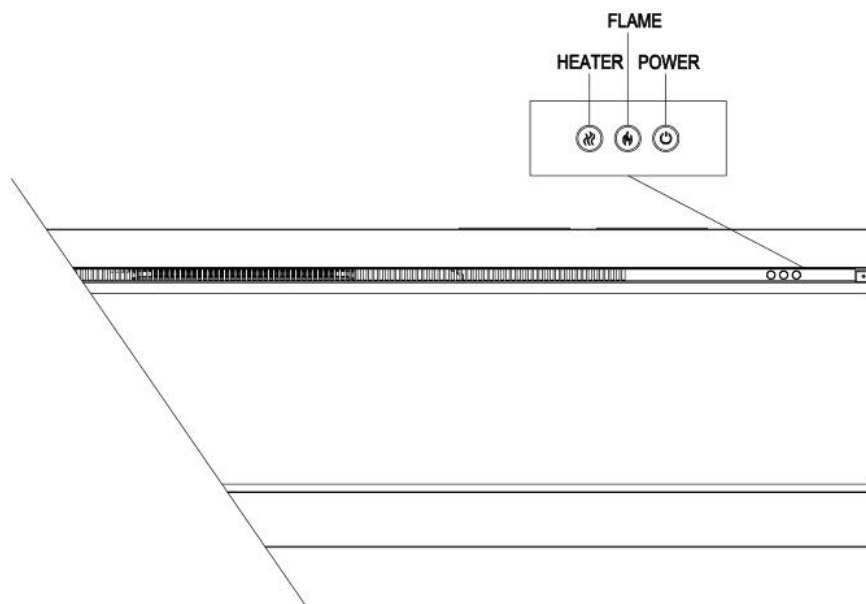
### Methods of Operation

This electric fireplace can be operated by the Manual button and REMOTE CONTROL. Before operating, please review the **IMPORTANT SAFETY INFORMATION** on **Pages 2**, and heed all warnings.



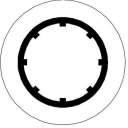
**Warning: Remote control requires two AAA batteries**

## Manual button operation



### Control Operation

| BUTTON                                                                              | FUNCTION                                                                                                                                                     | ACTION & INDICATION                                                                                                                                              |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>ON:</b> Turn on the Fireplace.<br><b>OFF:</b> Turn off the Fireplace.                                                                                     | 1. <b>Press once.</b> Power turns on. All functions enabled.<br>2. <b>Press again.</b> Flame effect turns off. Unit goes to standby. All functions turn off.     |
|  | <b>Flame color button:</b> Makes the color flame effect changing.<br><b>NOTE:</b> color effect stays on until power button is turned off.                    | 1. <b>Press once.</b> Flame color effect gets changing.<br>2. <b>Press again</b> until desired setting is reached.<br>Total <b>3</b> colors for flame.           |
|   | <b>FLAME brightness button:</b> Makes flame effect dimmer and brighter.<br><b>NOTE:</b> Flame effect stays on until power button is turned off.              | 1. <b>Press once.</b> Flame brightness effect gets changing.<br>2. <b>Press again.</b> until desired setting is reached.<br>5 settings:F5-F4-F3-F2-F1-F2...      |
|  | <b>Flame speed button:</b> Controls the speed of the flame. There are 3 flame speed settings:<br>01(slowest),02(Medium),03 (fastest).                        | 1.Press once. Flame speed gets changing.<br>2.Press again until desired setting is reached.<br>The Default setting is(fastest speed).                            |
|   | <b>LED Ember light button:</b> Makes the color on bottom effect gets changing.<br><b>NOTE:</b> Ember color effect stays on until power button is turned off. | 1. <b>Press once.</b> LED ember light color effect gets changing.<br>2. <b>Press again</b> until desired setting is reached.<br>Total <b>3</b> colors for EMBER. |

|                                                                                     |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | <p><b>LED Ember light brightness button:</b><br/>Makes the LED ember lights on bottom effect gets changing.</p>                                                                                  | <p><b>1.Press once.</b> LED ember light brightness effect gets changing.</p> <p><b>2.Press again</b> until desired setting is reached. Total 6 levels.<br/>L5(brightest)-L4-L3-L2-L1-L0(light off)-L1-L2...</p>                                                   |
|     | <p><b>Top light button:</b> Makes the color effect gets changing.</p>                                                                                                                            | <p><b>1.Press once.</b> LED Top light color gets changing.</p> <p><b>2.Press again</b> until desired setting is reached. Total <b>3</b> colors for Top.</p>                                                                                                       |
|     | <p><b>LED Top light brightness button:</b><br/>Makes the LED top lights effect gets changing.</p> <p><b>NOTE: LED Top</b> light brightness effect stays on until power button is turned off.</p> | <p><b>1.Press once.</b> LED Top light brightness effect gets changing.</p> <p><b>2.Press again</b> until desired setting is reached. In total 6 levels.<br/>D5(brightest)-D4-D3-D2-D1-D0(light off)-D1...</p>                                                     |
|    | <p><b>TIMER button:</b>Controls timer settings to turn off fireplace at selected time.</p> <p>Settings range from 0.5 hours to 8 hours.</p>                                                      | <p>1.Press once. Indicator light turns on.Timer is set to 0.5 hours</p> <p>2.Press again until desired setting is reached. Indicator lights show setting.</p>                                                                                                     |
|   | <p><b>Temperature Button:</b> Press this button to set the desired temperature.</p> <p>From 20-30°C (68-88°F).</p>                                                                               |                                                                                                                                                                                                                                                                   |
|  | <p><b>HEATER button:</b>Turn heater on and off.</p> <p><b>NOTE:</b> To prevent overheating, the heater fan will blow out cool air for 20 seconds after the heater turn off.</p>                  | <p>1.Press once. L0(750W) heater turns on and blows warm air.</p> <p>2.Press again. H1(1500W) heaters turns on and blows hot air.</p> <p>3.Press again. Heaters turn off. The fan blows cool air for 20 seconds to allow heater to cool down, then turns off.</p> |
|   | <p><b>Front Synchronous motor button:</b><br/>Press to turn on/off the front synchronous motor.</p>                                                                                              |                                                                                                                                                                                                                                                                   |
|  | <p><b>Wood burning sound effect button:</b><br/>press once,the sound turn off, press again, the sound starts.</p>                                                                                |                                                                                                                                                                                                                                                                   |

# Care and Maintenance

## Cleaning

|                                                                                  |                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>ALWAYS</b> turn the fireplace <b>OFF</b> 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. |
|  | <b>NEVER</b> 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 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 fireplace 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

|                                                                                    |                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Risk of electric shock! DO NOT OPEN any panels! No user-serviceable parts inside!</b>                                                                                                                                                           |
|  | <b>ALWAYS</b> turn the fireplace <b>OFF</b> and <b>unplug the power cord from the outlet</b> before cleaning, performing maintenance, or moving this fireplace. Failure to do so could result in <b>electric shock, fire, or personal injury</b> . |

### Electrical and Moving Parts:

- Electrical components are integrated in the fireplace and are not serviceable by the consumer.

### Storage:

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

|                                                                                    |                                                                                                                                         |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>WARNING! NO SERVICING</b> of the internal or electrical parts should be performed by the consumer. Do not service the unit yourself. |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|



### WEEE: Meaning of crossed –out wheeled dustbin:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.