INSTALLATION AND OPERATION MANUAL

Please read these instructions completely before installing or operating the E-one fireplace.

NetZero Kalfire E-one Electric Fireplace

Models: AA-11-05538 – E-one 160F
AA-11-05539 – E-one 190F

IMPORTANT

Please read these instructions carefully before installation.
Failure to follow them could result in serious injury.

This appliance must be installed by a qualified installer.

The installation and wiring connections must be done in accordance with the national and local codes having jurisdiction.

For use with 120V 60Hz electrical supply only.
This appliance must be grounded.

The heater outlet becomes hot while in operation.
Never cover the heater outlet or any other part of the appliance.

SAVE THESE INSTRUCTIONS

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NETZERO™

KALFIRE E one

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1 INTRODUCTION

NetZero Fire stands for innovation and quality. This is why we work continuously on the further development of our products. We reserve the right to make changes to the form, technology, and design of the products we sell. No claims can be made on the basis of information and figures from this manual.

This manual is protected by copyright. All rights are reserved, particularly the right to copy, translate, and process.

The fireplace may only be installed by a qualified installer, in accordance with national or local regulations. Please read this installation manual carefully.

1.1 Receiving Inspection

On receipt, check the following:

1) Verify that the packaging is not damaged
2) Check the glass panels and display screens of the product for cracks.
3) Check that you have received the following parts:
    - Fireplace: E-one
    - Log and media set
    - Top screen
    - Rear screen (2x) (placed inside E-one)
    - Glass reflector
    - Front window
    - E-one remote control
    - Installation and operating instructions
    - Side walls (4x)
    - Adjustable feet (incl. nut) (4x)
    - Rear screen mask
    - Fasteners

Note: Before installing the rear screen, top screen, and rear screen mask remove the protective film.

1.2 Certification

This product has been certified by:
Intertek
545 E Algonquin Rd
Arlington Heights, IL 60005

This appliance has been certified to the American and Canadian National Standards:
ANSI/UL 2021 – CAN/CSA C22.2 NO. 46

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.

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

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

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

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Containes IC: 3147A-602230C
CAN ICES-003B / NMB-003B

NetZero Fire
1155 Sherman Road
Hiawatha, IA 52233
(800) 553-5422

2 GENERAL SAFETY REGULATIONS

IMPORTANT INSTRUCTIONS

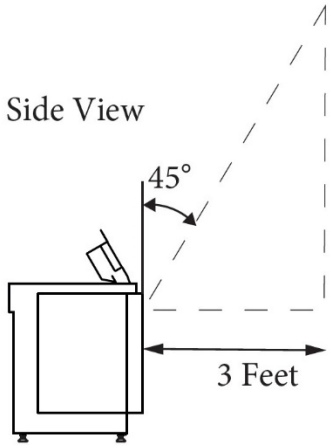
When using electrical appliances, necessary precautions must always be taken to reduce and/or prevent the risk of fire, electric shock, and personal injury:

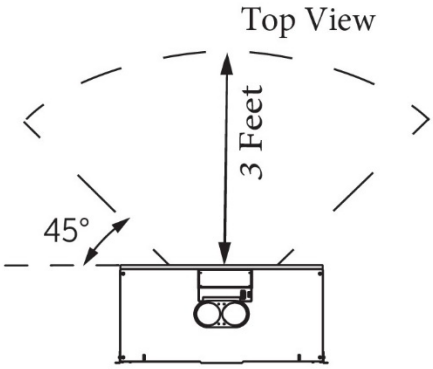
- Read all instructions before installing or using this heater.
- Follow the installation steps described in this manual.
- Leave maintenance and repairs to a qualified service provider: danger of electrocution!
- Caution: to reduce the risk of electric shock, do not remove the ember bed.
- The unit contains no user-serviceable parts, except cleaning of the glass reflector and front window.
- If the unit is damaged, contact the supplier first.
- Do not use the fireplace outdoors.
- Do not burn wood or other materials in this appliance.
- If the fireplace is switched on, the ambient temperature of the room in which the fireplace is placed must be between 40 and 85 degrees Fahrenheit.
- Ambient temperature during storage and transport should be between -5 and 140 degrees Fahrenheit.
- This product must be installed in a dry location.

- Do not use the fireplace in the immediate vicinity of a bath, shower, or swimming pool. The relative humidity must be <85%.
- Do not place the fireplace directly under a wall socket or junction box.
- If a malfunction occurs, set the main switch on the front panel to 0 (OFF).
- Do not place the unit on carpet or rugs.
- To prevent overheating of the fireplace, it must not be covered. Do not place any material in front of or against the unit and, in particular, do not obstruct the air circulation around the unit. When materials overheat, there is a risk of fire.
- The fireplace may be operated by children aged eight years and over and by people with reduced physical, sensory, or mental abilities provided they have demonstrated an understanding of the instructions relating to the safe use and the dangers of the fireplace. Children should not be allowed to play with the fireplace or be involved in any tasks pertaining to the maintenance of the fireplace. Children are not allowed to play with the fireplace. Children must not clean the fireplace or perform user maintenance without parental supervision.
- Children under the age of 3 should not be allowed near the fireplace without adult supervision. Children from three to seven years old may only switch the fireplace on/off provided that it is placed or installed in its intended normal working position and that they have been given explanation and instructions on how to use it safely and understand the dangers. Children three to seven years old must not clean the fireplace or perform user maintenance.
- If the power lead becomes damaged, it must be replaced by the supplier or another qualified service provider to avoid danger.

2.1 Additional General Safety Regulations for Atmos Heating

- The fireplace does not have an automatic temperature regulator. If the fireplace is installed in a small room, each person present in the room must be able to leave the room independently. Any person who is not, must be continuously supervised.
- Some parts of the fireplace can become very hot and could potentially cause burns. Always maintain supervision of children and vulnerable people around the fireplace.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock, fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner.
- A heater has hot/arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Do not install electronics, artwork, or any other item that can be damaged from heat rising from the heater above the heater. NetZero Fire will not be responsible for any damage to these items.
- Furniture, curtains, and other combustible materials must be placed at least 3 feet (1 m) away from the fireplace. Combustible materials must not be placed within the dashed outlines shown below.





SAVE THESE INSTRUCTIONS

2.2 Disposal

Recycle in accordance with Code of Federal Regulations (CFR), Title 40, Part 273. This device is classified as electrical and electronic equipment As such, it must not be disposed of with household waste. At the end of its useful life please take this product to an appropriate recycling center or collection point. You can find your nearest recycling drop off point by contacting your locality's waste management office.

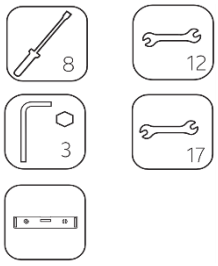
2.3 California Proposition 65 Warning

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

3 ASSEMBLY OF THE FIREPLACE

3.1 Required Tools

- 8mm Nut Driver or Socket
- ¼" Nut Driver or Socket
- 3mm Allen Wrench
- 12mm Wrench
- 17mm Wrench
- Level



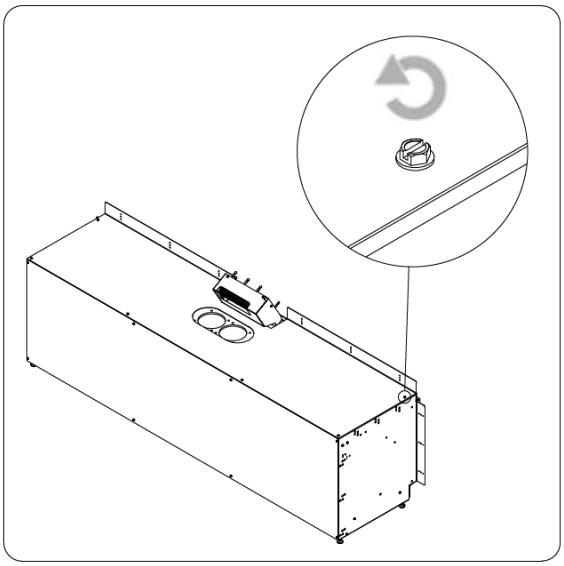
3.2 Included Hardware

- 4 X Adjustable feet
- 4 X (#8-18 X ½") Screws
- 2 X (M6 x 8) Screws

While assembling the fireplace, place the fireplace on a piece of cardboard or rug to protect the floor from damage from metal parts.

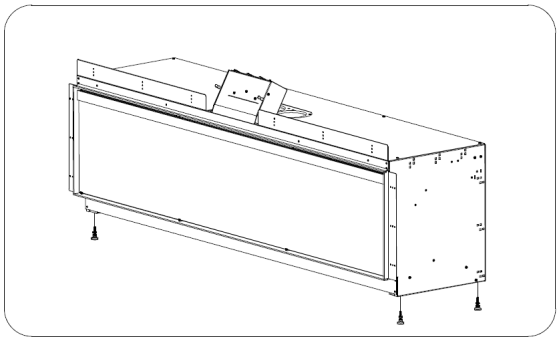
3.3 Removal of Covers

Remove the top and rear cover from the fireplace.



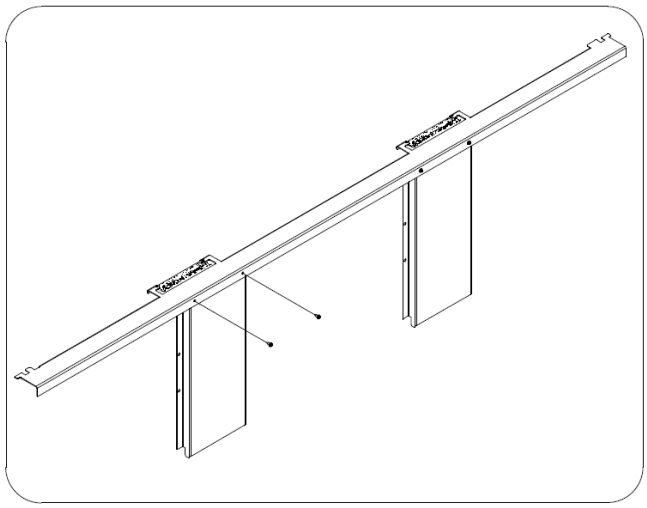
3.4 Adjustable Feet

Lift the fireplace straight up to install the adjustable feet. Do not tip it on its back or sides.
Note: Before installing the feet place the fireplace on a protected surface such as carboard or a rug.

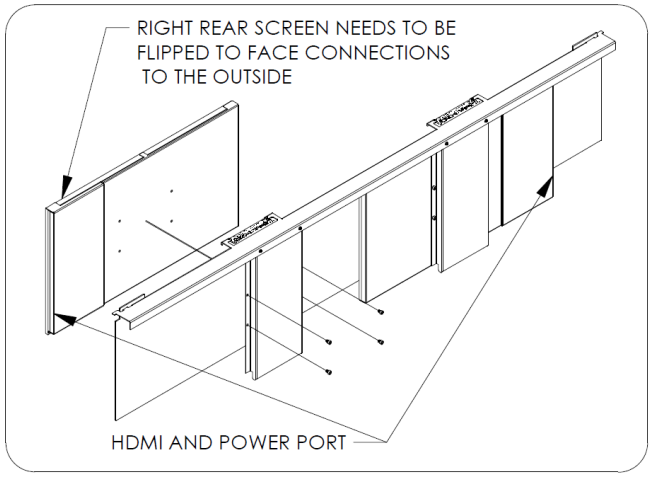


3.5 Rear Screen Assembly

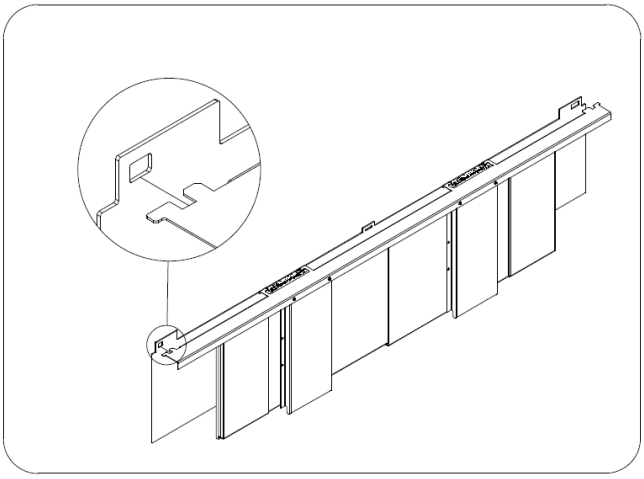
Install the rear screen bracket to the top LED rear screen bracket. Use 4 (#8-18 X ½") screws.



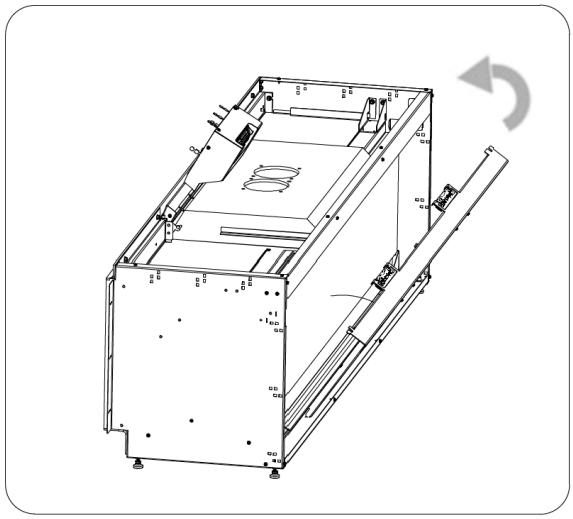
Use 8 (M6x8) screws to attach the 2 rear screens to the bracket. When installing the screen make sure to flip the right screen so the HDMI and Power outlet are facing outward. After installing the screens, remove the protective film from the screen.



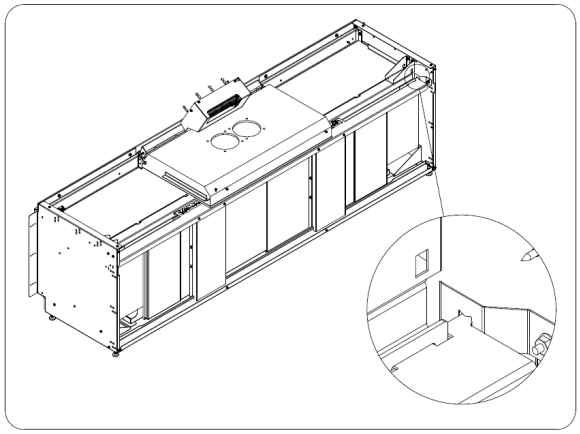
Remove the protective film from the rear screen mask. This is the plexiglass sheet with three tabs at the top. The mask will hang on the tabs at the top of the rear bracket. The tabs are different sizes. Align the larger tab with the larger slot on the mask and the smaller tab with the smaller slot on the mask.



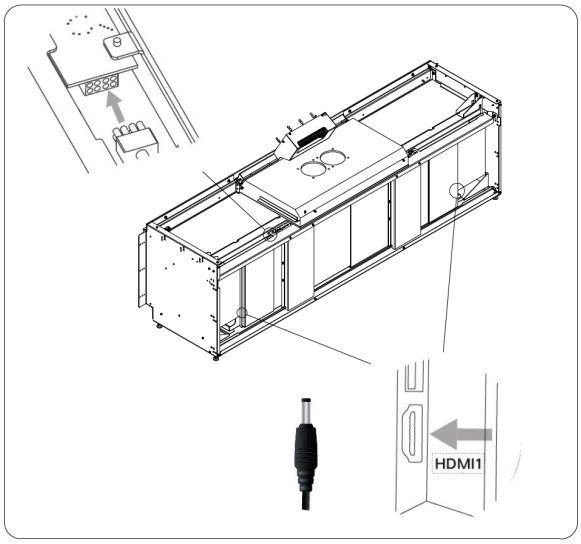
Install the rear screen assembly in the back of the fireplace. The bracket fits into slots at the back of the fireplace and will rotate forward into the spring clips at the top.
WARNING: When rotating the screens forward move slowly. Be careful to not pinch or damage any cables. Be aware of your fingers and avoid pinch points.



After rotating the screens forward ensure both sides are locked into the spring clips. Make sure the rear screen mask is still in position.

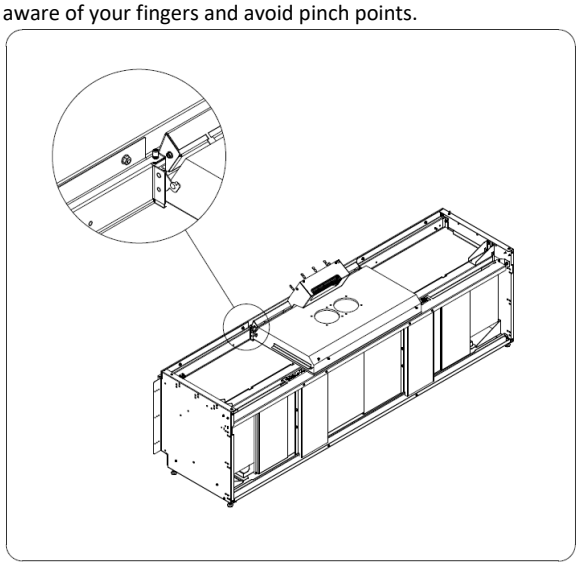


Connect the two rear screens by connecting the wires below to the outside left and right of the rear tv screens:
A. HDMI
B. Power
C. Top LED

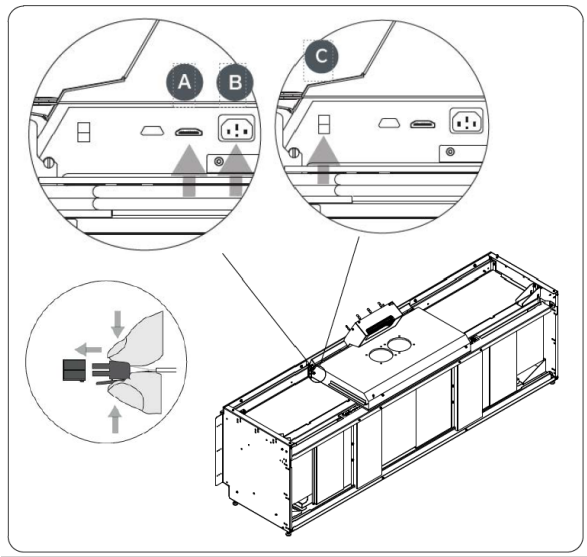


3.6 Top Screen Assembly

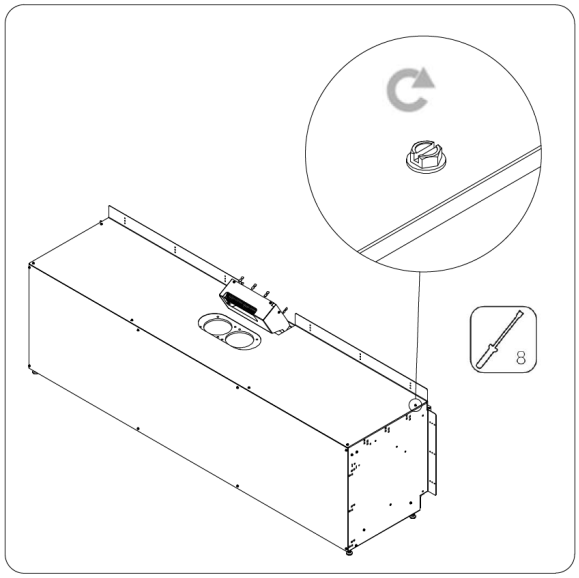
Remove the protective film from the top screen before installing it into the fireplace. The pegs at the front of the screen rest on brackets as shown below. When installing be aware of your fingers and avoid pinch points.



Connect the top screen by connecting the wires below to the right side of the top screen:
A. HDMI
B. Power
C. Backlight



Replace the rear and top panels with 14 (#8-18 X ½") screws. The fireplace in now ready to be installed into your wall.



4 INSTALLING THE FIREPLACE

4.1 Light / Illumination

The E-one functions on the basis of hologram technology. This involves the use of a glass reflector that is placed at an angle in the fireplace. Depending on where the fireplace is positioned in the room, in exceptional cases, lighting above the fireplace can cause a transparent white reflection on the glass reflector.

4.2 Viewing Height

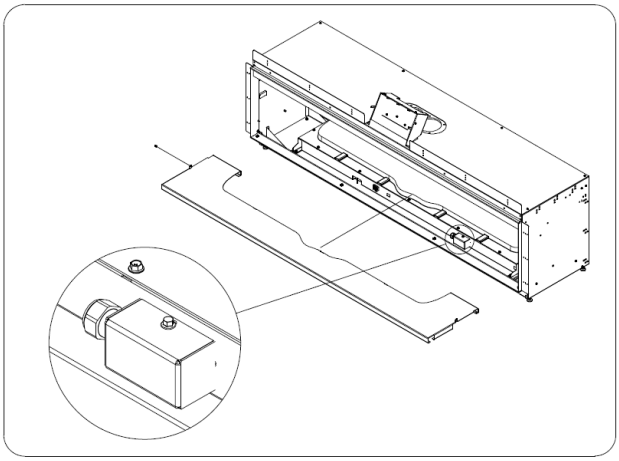
The E-one is best viewed straight on which allows for optimum viewing of the holographic flames. If the fireplace is installed too low in a wall it may be difficult to view the flames. If the fireplace is installed too high in a wall the top screen will be visible and detract from the realism of the fire. Recommended to install no higher than 34" to bottom guide.

4.3 Connecting Fireplace to Power

This fireplace must be hardwired to a 120V, 60Hz, 15Amp electric supply. Install on a dedicated 15Amp (or higher) breaker.
This appliance must be grounded.
Wiring procedures and connections shall be in accordance with the national and local codes having jurisdiction.

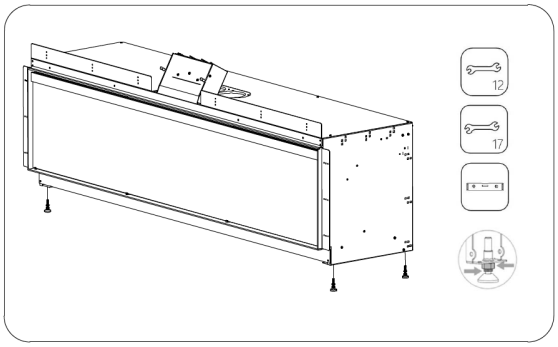
The fireplace is supplied with a cord inside the junction box at the front right of the fireplace. This must be hardwired to house power. To access the junction box at the front right of the fireplace remove the bottom plate by lifting it out of the fireplace.

Black or Brown wire → Live
White or Blue wire → Neutral
Green/Yellow wire → Ground



4.4 Setting up the fireplace

Place the fireplace in its final position before continuing to set up the fireplace. Level the fireplace using the adjustable legs. Once you have levelled the fireplace, it is strongly recommended that you attach it to the wall using the wall brackets for added stability and safety.



4.5 Framing Dimensions

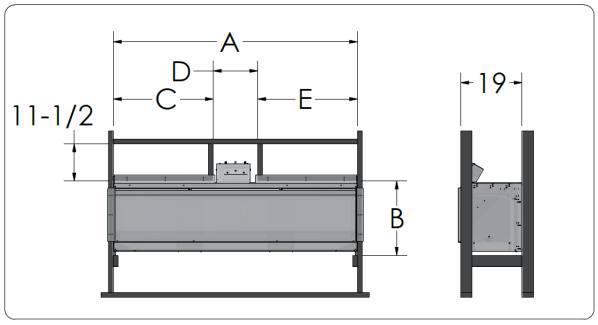
Recommended framing is shown below.
Minimum space requirement to fit the fireplace are:

160: **Width**- 63-7/8" **Height**- 23" **Depth**- 19"

190: **Width**- 75-5/8" **Height**- 23" **Depth**- 19"

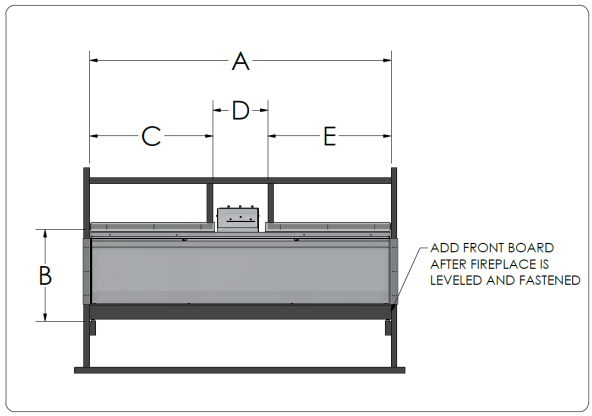
The ceiling of the enclosure must be at least 6" above the top of the heater or 11 ½" above the top of the fireplace.

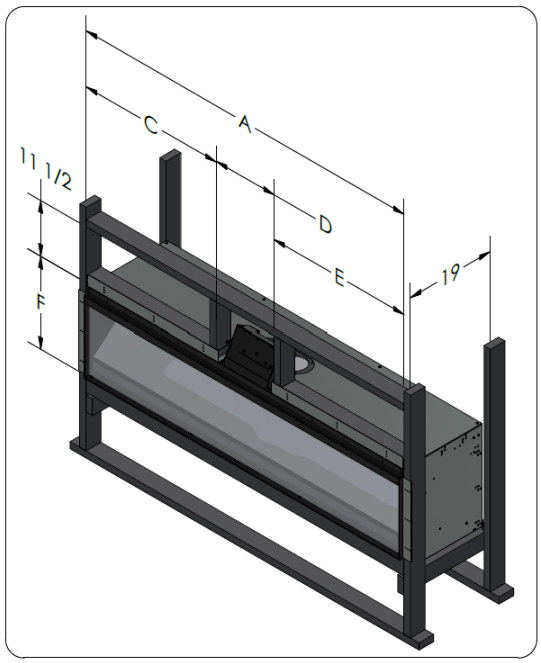
Warning: Do not frame in front of the heater. Doing so will not allow the heater to be removed for service.



E ONE FRAMING		
	160	**190**
A	63-7/8"	75-5/8"
B	23"	23"
C	25-1/16"	30-15/16"
D	13-3/4"	13-3/4"
E	25-1/16"	30-15/16"
F	19"	19"

After the fireplace has been leveled and fastened to the framing a front board needs to be installed under the bottom guide as shown in the image below.



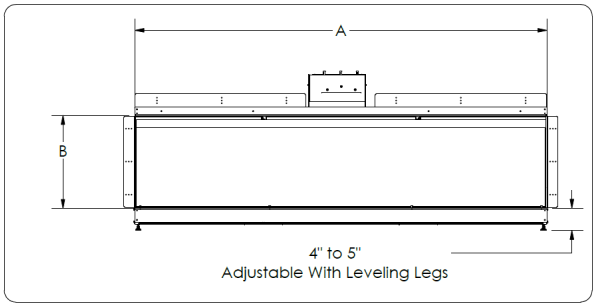


Once the fireplace is in position and level, secure it by screwing the flanges into the framing.

4.6 Wall Dimensions

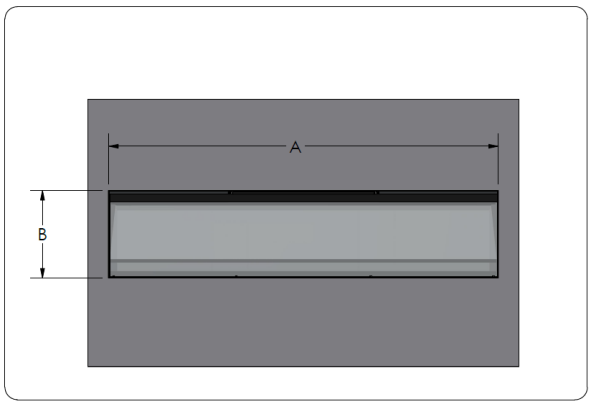
Finish the wall around the guides on the fireplace The dimensions for the finished opening are shown below. The guides on the fireplace extend ¾" from the face of the fireplace. For the best finish use wall material that is ¾" thick.

The distance from the feet of the fireplace to the bottom guide can be adjusted between 4" and 5".



GUIDE AREA		
	160	**190**
A	63-5/16"	75-1/8"
B	16-7/8"	16-7/8"

Temperatures above the heat outlet on the fireplace can reach up to 150°F. Materials used in this area must be rated for these temperatures. NetZero Fire is not responsible for damage to walls because of the use of improper materials or installation.

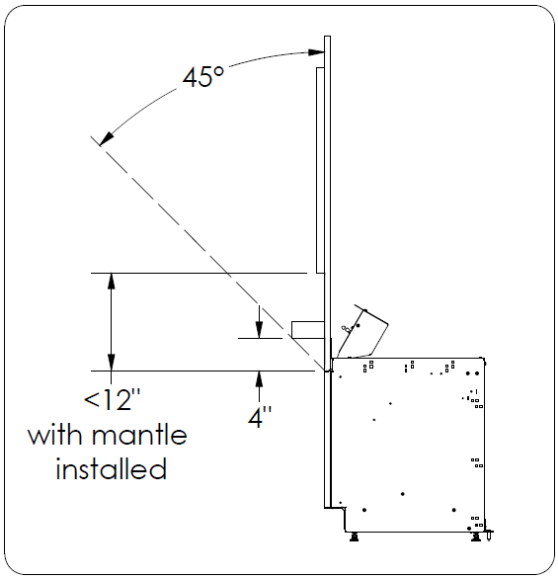


4.7 Mantel and TV Height

If mantel made of combustible material, it must be installed at a 1:1 ratio from the top of the guide of the fireplace to the bottom of the mantel.

For example, a 4" deep mantel must be installed at least 4" above the top guide of the fireplace.

A mantel made of non-combustible material may be installed at any height above the fireplace.



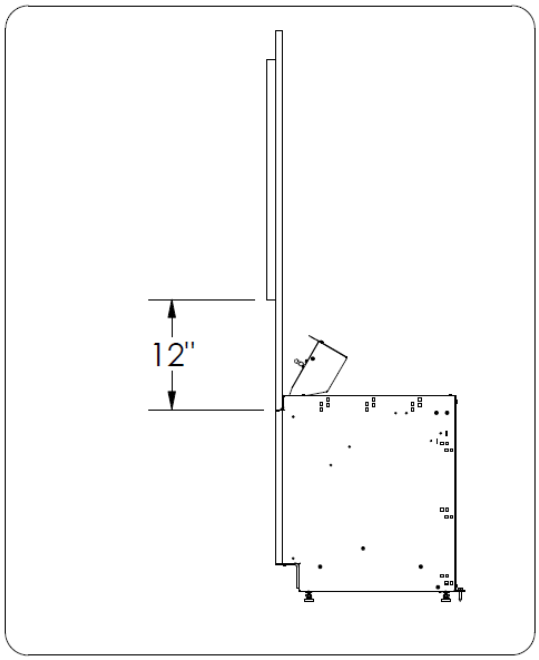
4.1 TV Installation

When installing a TV above the fireplace It is recommended to install the TV at least 12" above the top guide of the fireplace.

A TV can be installed at a lower height if it is installed above a mantle which will protect the TV from rising heat.

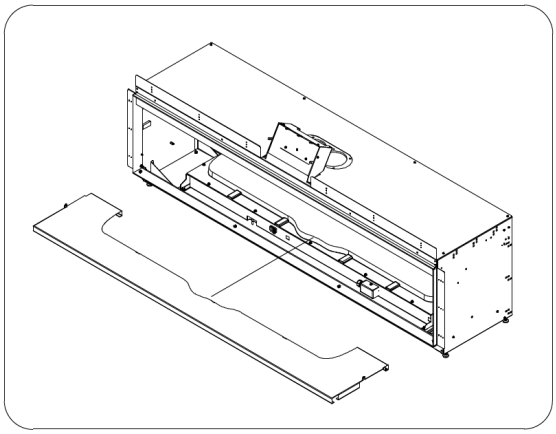
A TV can also be recessed into the wall above the fireplace to protect it from rising heat. The recess in the wall must comply with the framing dimensions and be at least 6" above the fireplace heater.

Attention: NetZero Fireplace is not responsible for any damage to electronics or sensitive materials installed above the fireplace.



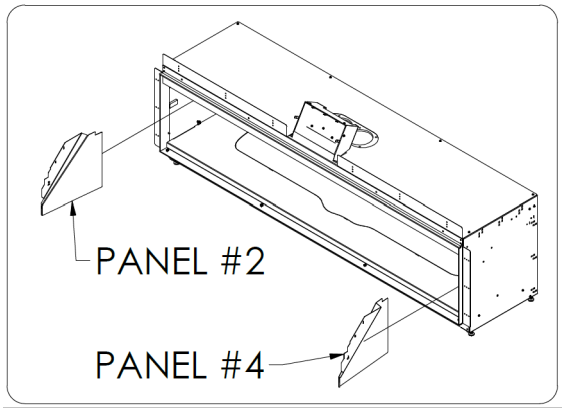
4.2 Flat Bottom Plate

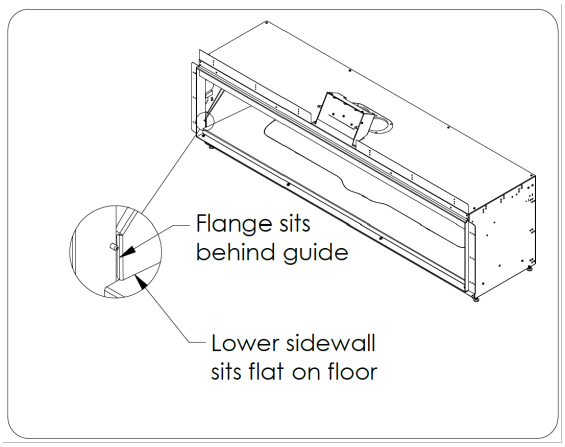
The fireplace comes with a flat bottom plate. The bottom plate can be removed by unscrewing the side bolts, then lifting it up and out of the fireplace. Removing the bottom plate will allow easier access to the junction box at the front of the fireplace during installation. After the fireplace is wired reinstall the bottom plate.



4.3 Placing Lower Sidewalls

The lower sidewalls fit into the fireplace as shown below. The sidewall will fit on two studs and will be fastened by two nuts. Let the side panels sit on the floor before tightening the nuts. The front flange of the sidewall will sit behind the guide at the front of the fireplace.





Make sure that the back of the lower side walls are parallel to the rear wall.

4.4 Log Set Installation

The logs are made of fragile material. Therefore, proceed with extreme caution when installing the logs.



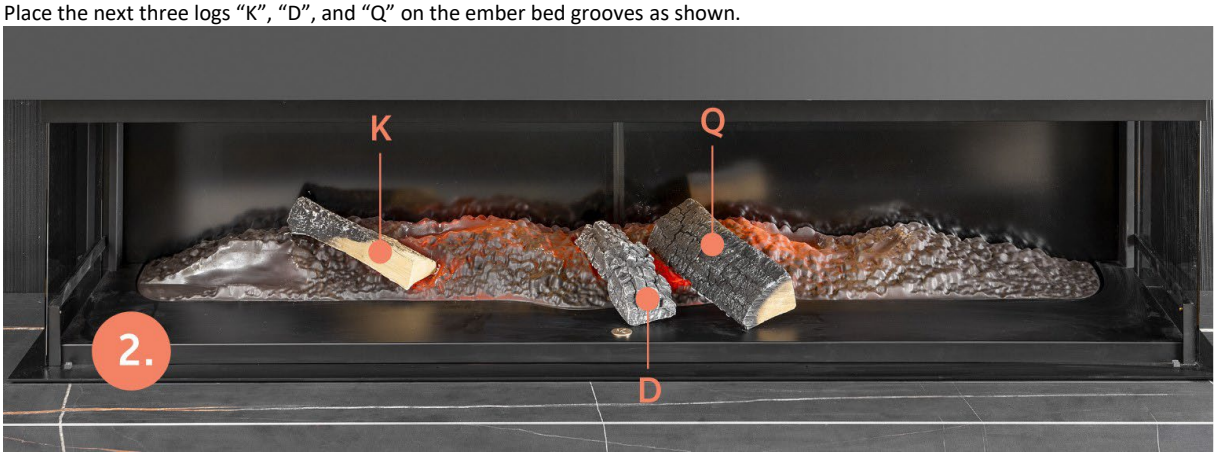
NOTE: Log set instructions are shown with the flat bottom floor installed in the fireplace.

When installing the log set it is important that the logs are placed exactly as shown in these instructions. If logs are not placed correctly the projected flame will not line up with the logs. A letter is moulded on the bottom of each log to make identifying the log easy.

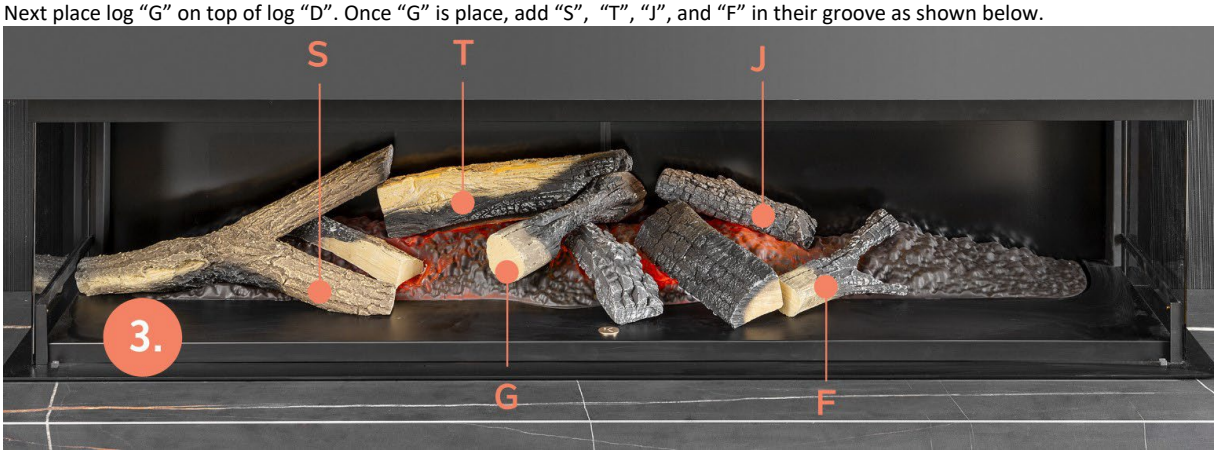
Start the log set installation by placing the ember bed and floor as shown below.



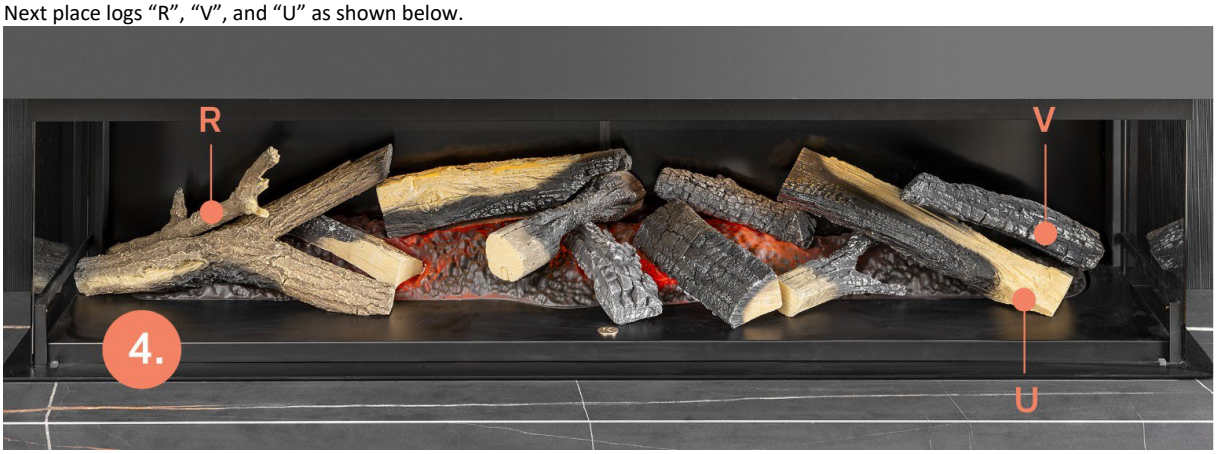
Place the next three logs “K”, “D”, and “Q” on the ember bed grooves as shown.



Next place log “G” on top of log “D”. Once “G” is place, add “S”, “T”, “J”, and “F” in their groove as shown below.



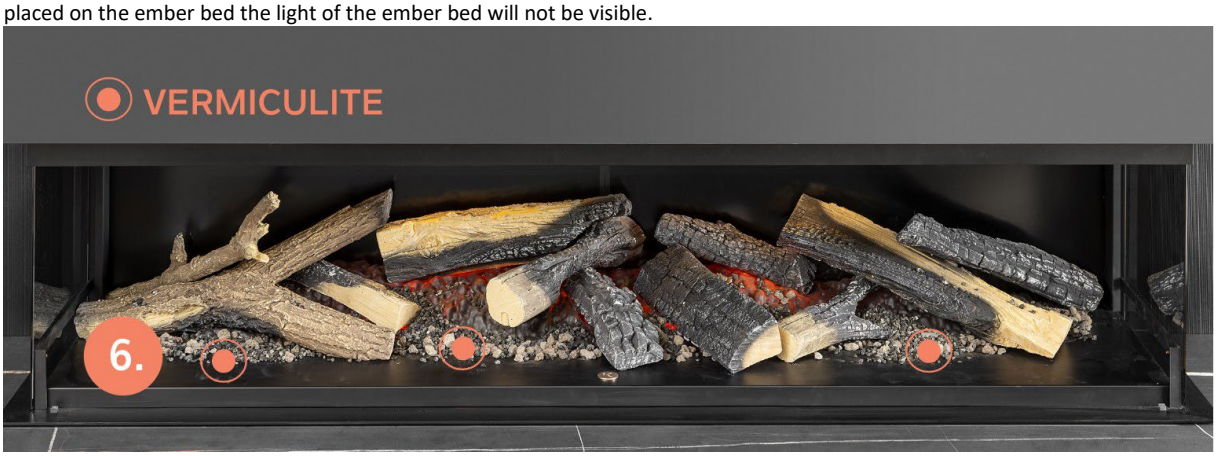
Next place logs “R”, “V”, and “U” as shown below.



To finish the installation, sprinkle the vermiculite and lava stones over the ember bed. First place the lava stones between and around the logs.

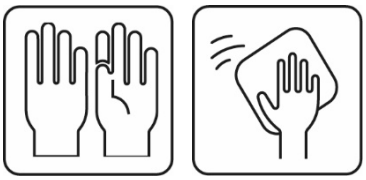


Then sprinkle vermiculite over the entire ember bed as well as on the floor plate around the ember bed. If too much vermiculite is placed on the ember bed the light of the ember bed will not be visible.



It is suggested that after the glass reflector is placed in the next installation step that the fireplace is turned on. This will allow the flames to be visible. The “T”, “J”, “U” and “G” logs can then be adjusted if needed to line up with the flame.

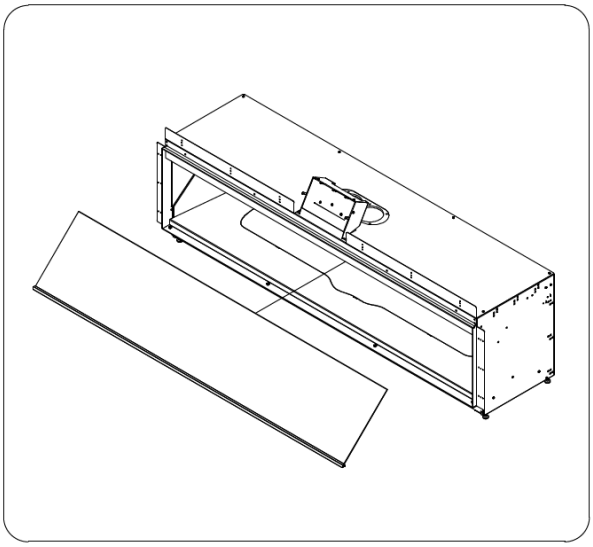
4.5 Placing Glass Reflector

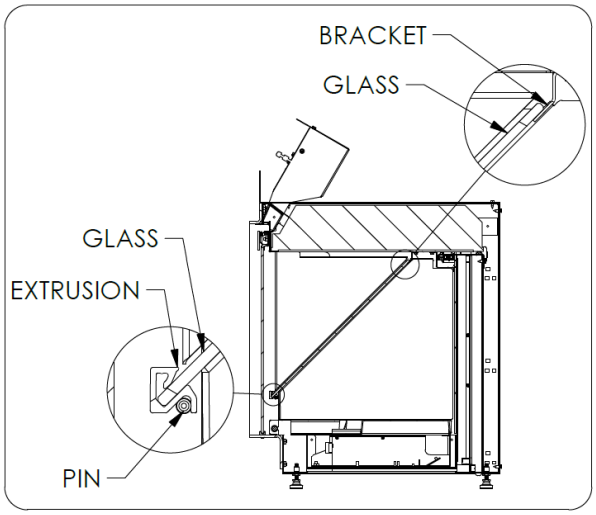


The glass reflector is susceptible to stains and fingerprints. For this reason, always use the supplied gloves for installation. To clean the glass reflector, follow the cleaning instructions provided in the maintenance section of this manual.

Remove the protective film from the glass reflector before installing the reflector into the fireplace. Be carefull when installing to not damage the glass.

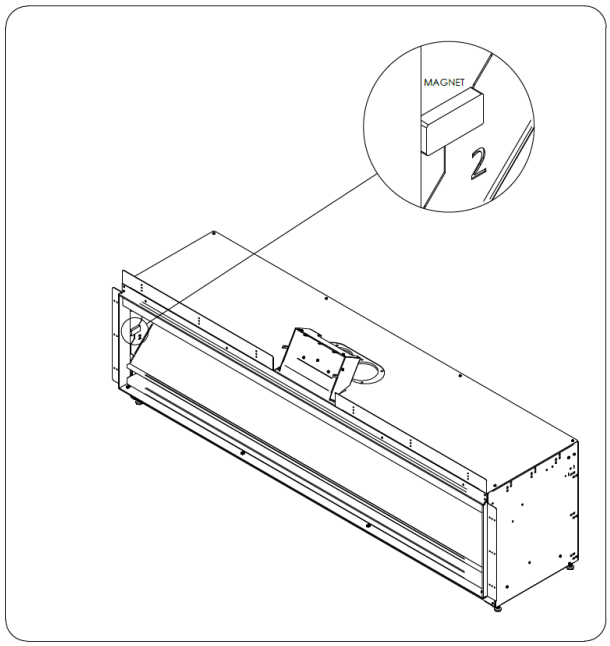
The glass reflector installs into the fireplace with the attached extrusion at the front with the notch in the extrusion facing down. Slide the glass reflector into the fireplace. The back of the glass will rest on a bracket at the top of the fireplace. The extrusion at the front of the glass will fit over the two studs protruding from the side of the fireplace at the front.





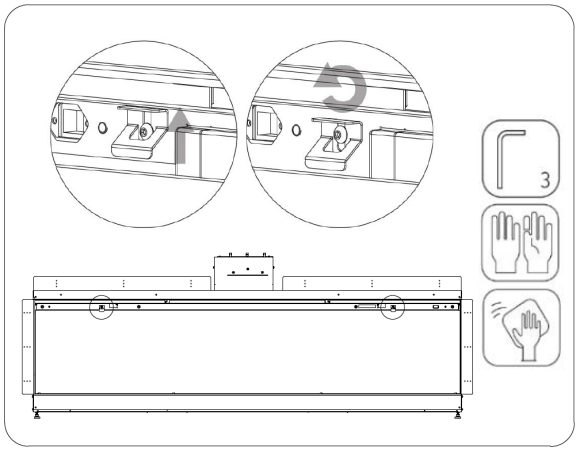
4.6 Placing Upper Side Walls

Install the magnets against the guide and slide into the groove of the bottom panel as shown below. Install the side walls by placing the bottom point against the extrusion on the glass reflector. Then rotate the side wall towards the wall and the magnet will hold it in place.

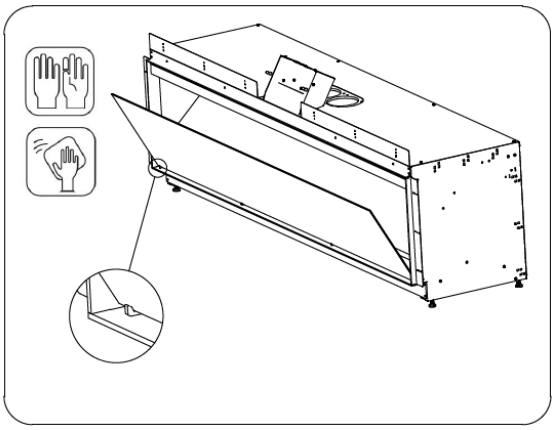


4.7 Placing Front Window

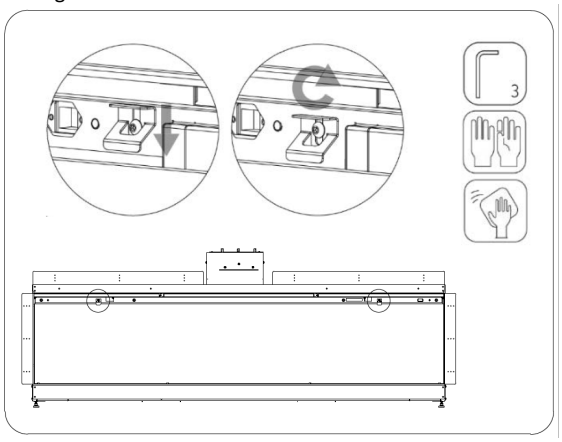
Loosen the screws to slide the retaining clips up. Do not remove the screws.



Wear the included gloves to handle the front window. Place the front window into the two holders at the front of the fireplace. Then rotate the window up. Slide the loosened clips up so that the window can be positioned against the top of the fireplace. Then slide the clips down to hold the window in place.



Tighten the screws on the clips so they are snug. Do not overtighten the screws.

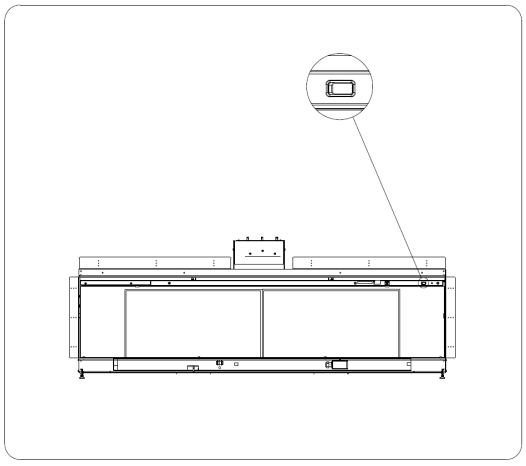


5 E-ONE OPERATION

With the E-one you can create your own fire experience through the various functions and/or options.

5.1 Main On/Off Switch

Power to the fireplace can be switched On/Off using the On/Off switch (I/O) on the front. The button is located at the top right, behind the hinged cover (see figure). Lift the cover up to access the switch.
If the unit is disconnected from power, the unit will be reset to the factory settings.

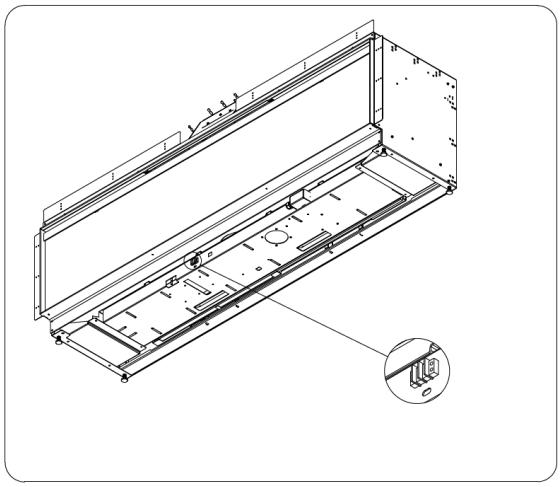


IMPORTANT: If you do not intend to use the unit for a long period of time, we advise you to switch off the unit by setting the power button on the unit to the 0 (Off) position.

5.2 Hotel Switch

The fireplace can be switched On/Off by means of an external switch. If the two luster terminals are connected together, the fireplace switches Off.

The terminals for connecting the switch are located at the front of the fireplace under the floor.



5.3 Remote Control Pairing

When the fireplace is used for the first time, the remote control will connect to the fireplace automatically. If the following symbol is projected on the rear screen, the remote control must be paired manually:



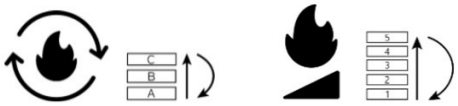
Pairing is done by pressing the two buttons as shown below:

Press the  and  buttons on the remote control at same time. Release the buttons when a red LED light flashes in the top-left corner of the remote control. You will know when the remote control is paired with the E-one successfully once the symbol is no longer visible.

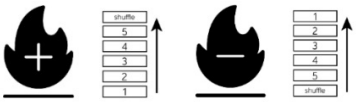
5.4 E-One Remote and Symbols



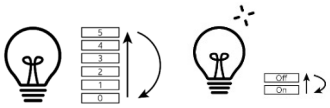
Atmos Heating (ON/OFF switch)
The specially developed Atmos Heating element provides a pleasant atmospheric warmth, contributing to the ultra-realistic fire experience.



Flame Appearance
Create your own flame appearance by choosing between three flame types and adjust the flame intensity as desired.

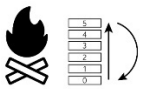


Adjustable Flame Height
The flame height is adjustable from positions 1 to 5. The 6th position is the Flame Shuffle mode. In Flame Shuffle mode, dynamic flames are created by shuffling through the flame heights.
NOTE: This feature is not available when flame type "A" is selected.



Atmos Lighting
Atmos Lighting projects true shadow effects on the logs, enhancing the ultra-realistic fire experience. The intensity is adjustable from level 0 to 5. The Dynamic Atmos Lighting mode creates a dynamic flicker effect within the interior.

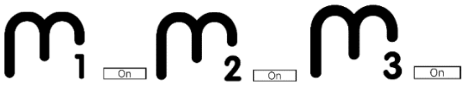
When the fireplace is in Anti-Reflect mode, the intensity of the Atmos Lighting can be adjusted from 0 to level 5.



Ember Bed
The ember bed simulates the real glowing bed of a fire. The intensity is adjustable from level 0 to 5. The Dynamic ember bed mode creates a dynamic flicker effect at the bottom of the logs.



Sound
Choose between the full-bodied crackling sound of pine wood or the calmer and relaxing sound of beech wood. The sound of burning wood in combination with lifelike sparks enable a true sensory experience. The volume can be adjusted from level 0 to 5.

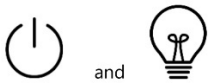


Moods
The flame image and heat output (when opting for the Atmos Heating option) of the Kalfire E-one can be tailored to your individual needs, preferences, and circumstances. Kalfire has pre-set and recorded 3 moods under the respective Mood buttons.



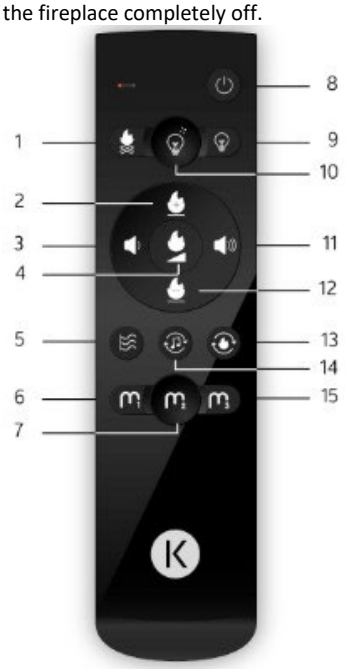
Power Button
This button has three functions: On, Anti-Reflect, Off.

Switching the Fireplace On
Briefly press the power button. It takes about 30 seconds for the fireplace to fully start up.



Anti-Reflect Function
When the fireplace is on briefly press the power button to turn the fireplace off with the anti-reflect mode activated. In this standby mode, the fireplace will be attractively lit. This provides a nice view of the logs, even when the fire is not burning.

Switching the Fireplace Off
Press and hold the power button for two seconds to shut the fireplace completely off.



1. Ember Bed Intensity
2. Increase flame Height
3. Lower Volume of Sound
4. Flame Intensity
5. Atmos Heating
6. Mood 1
7. Mood 2
8. Power On/Off/Anti-Reflect
9. Atmos Lighting Intensity
10. Dynamic Atmos Lighting On/Off
11. Sound Louder
12. Decrease Flame Height
13. Adjustable Flame Type
14. Sound Type
15. Mood 3

6 KALFIRE CONNECTED APP

The Kalfire Connected app offers more and extended possibilities compared to the remote control.

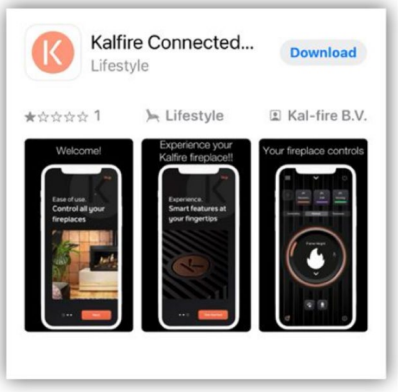
6.1 Installing the Kalfire Connected App

Before installing the Kalfire Connected app, Please Check:

- If you are on the same Wi-Fi network as the fireplace (the app should be connected to the fireplace via a 2.4GHz Wi-Fi network.)
- If your Bluetooth is turned on.
- Download the Kalfire Connected app from the Apple App Store or the Google Play Store. Search for: Kalfire Connected App.



- Install the app.



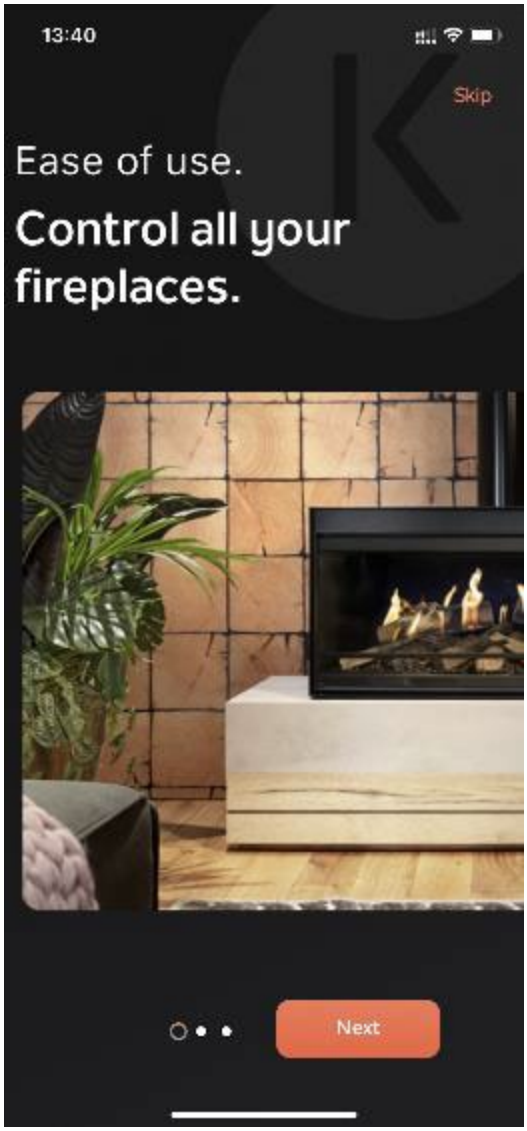
- Download the app and follow the on-screen instructions.
- Create an account.

Creating an account grants access to all functionalities of the fireplace that can be controlled through the Kalfire Connected app.

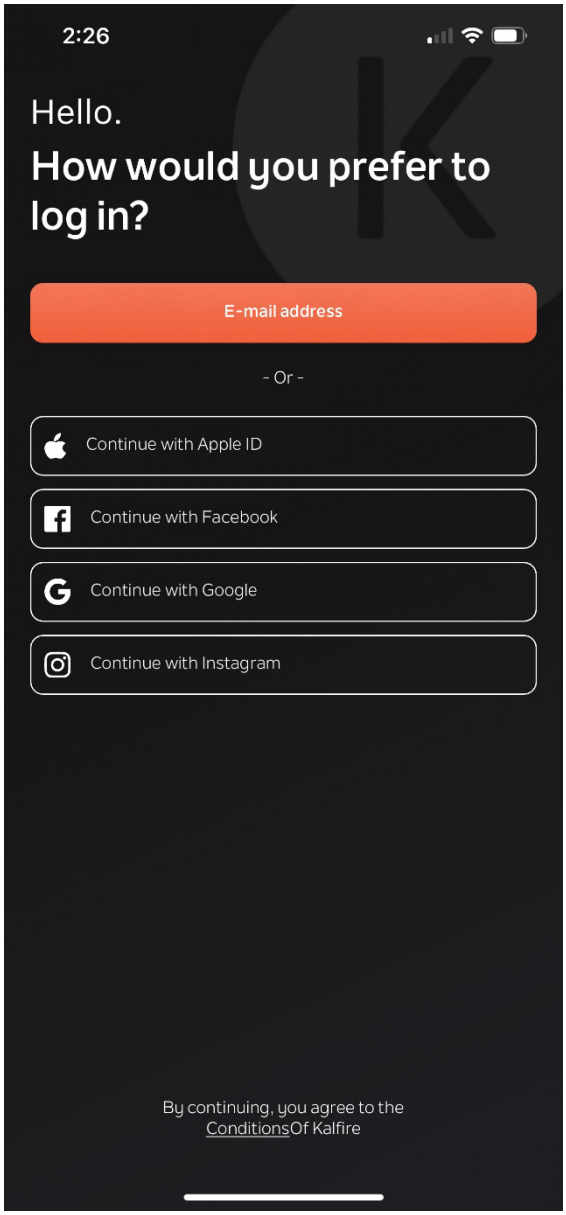
Once the one-time registration steps are completed, the Kalfire Connected app can be used.

6.2 Creating Account

Open Kalfire Connected app and select skip/next on the images below.







Select One of the options and enter your information as prompted on the screen. Once you have entered your information in you will need to verify your email to create your account.

6.3 Connecting App to Fireplace

After creating your account, it's time to connect your fireplace to the app.

6.4 Start User App and Select Fireplace.

Once you have created your account the image below will appear on your screen. Press "continue" to the Wi-Fi connection.



6.5 Wifi Connection

Once on the Wi-Fi connection screen, make sure that the Wi-Fi connection is the same as the Wi-Fi that your phone is connected to. Press "Continue" once you verified you're on the same Wi-Fi.

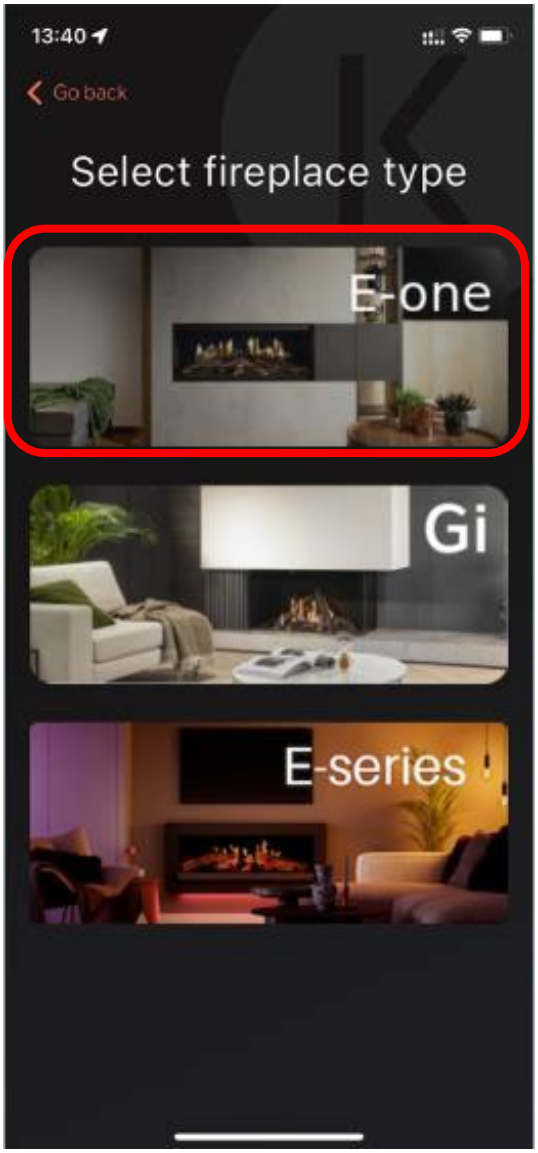


6.6 Adding New Fireplace to Connected App

To add a new fireplace to the app. You need to select “connect a new fireplace”.



Select “E-one” for the fireplace type.



6.7 Activate Bluetooth

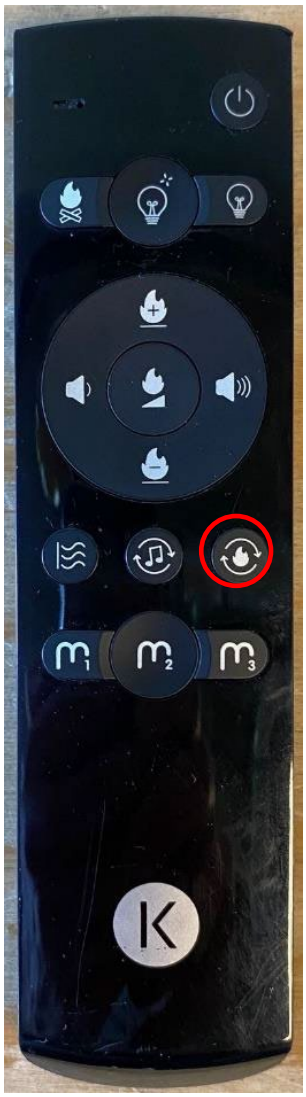
Make sure Bluetooth is enabled. Once Bluetooth is enabled and you have the green check marks. Select “Continue”



After selecting “Continue” you will need to put the remote into Bluetooth mode.

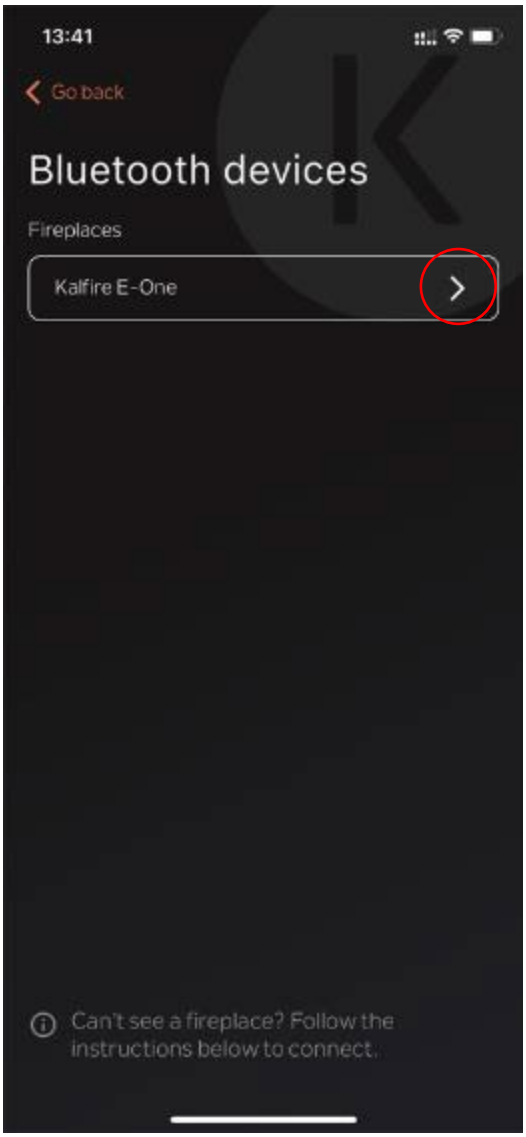
6.8 Bluetooth Mode

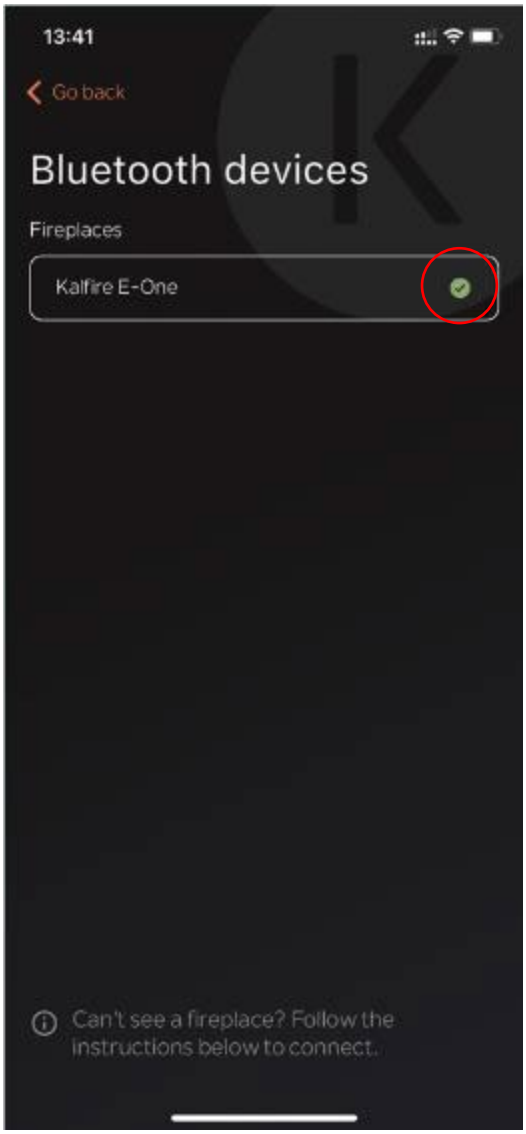
Put the fireplace remote into Bluetooth mode by pressing the flame appearance button for 7-10 seconds as shown in the image below.



6.9 Selecting Bluetooth Device

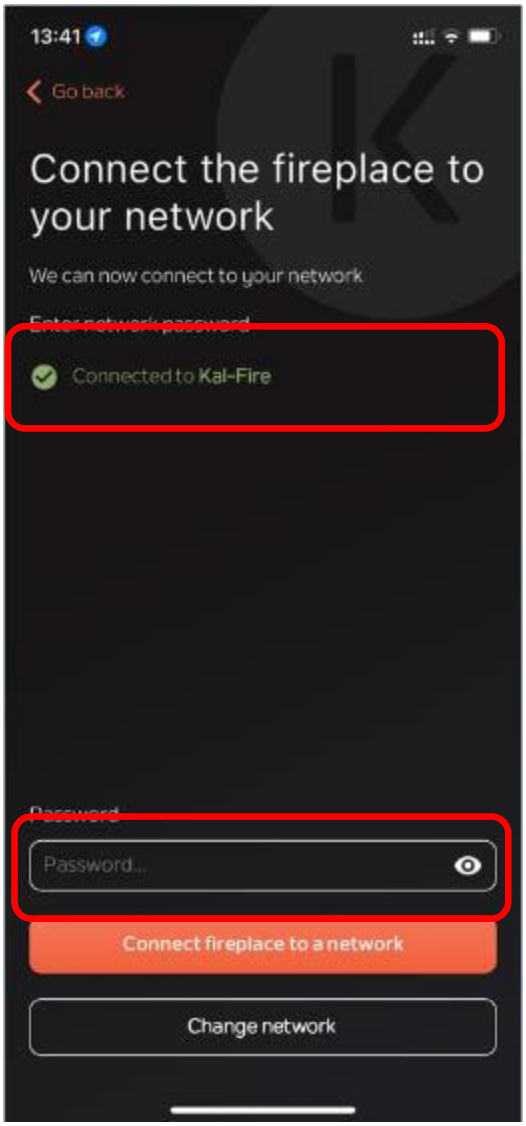
Once your remote is in Bluetooth mode your fireplace will appear on the Bluetooth devices. Select the device, then select the device again to confirm your fireplace.





6.10 Connecting the Fireplace to the network

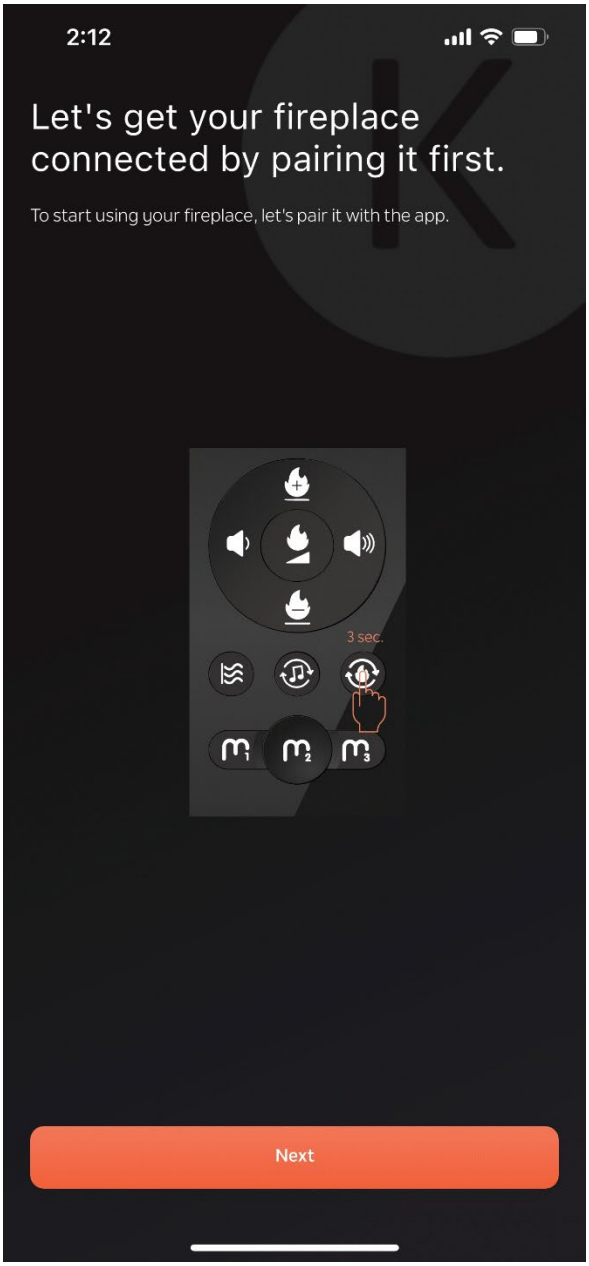
After connecting your fireplace via Bluetooth, you will need to connect the fireplace to your network. On the screen you should see your network on the connected app as shown below. Enter your network password and select “connect fireplace to a network.”

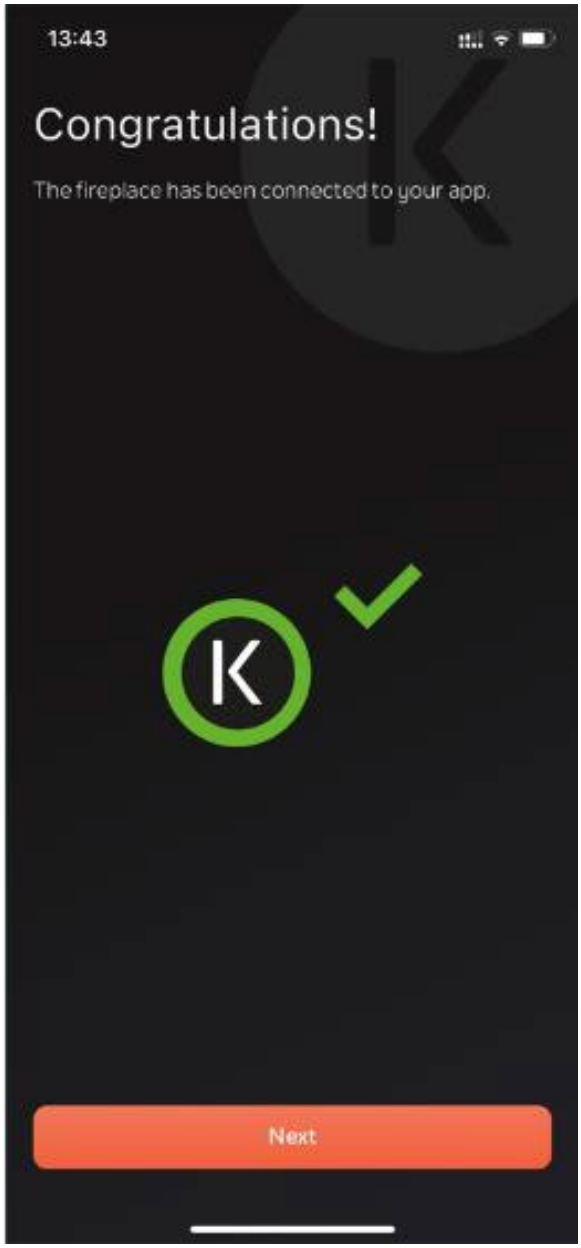




6.11 Pairing Fireplace to Connected App

Once in Bluetooth mode the screen will switch to the image below. Hold the flame appearance for 3 seconds, then press next on the Connected app. A green check mark will appear once you have successfully connected your fireplace to the app.





6.12 Failure to connect

If the red check mark appears on the connect app. Select "Go Back" and repeat step 3.8 until the green check mark appears.



6.13 Adding Fireplace to the App

Confirm the name or change the name of your fireplace and confirm to add your fireplace to the app as shown below.



6.14 Fireplace Connected to App

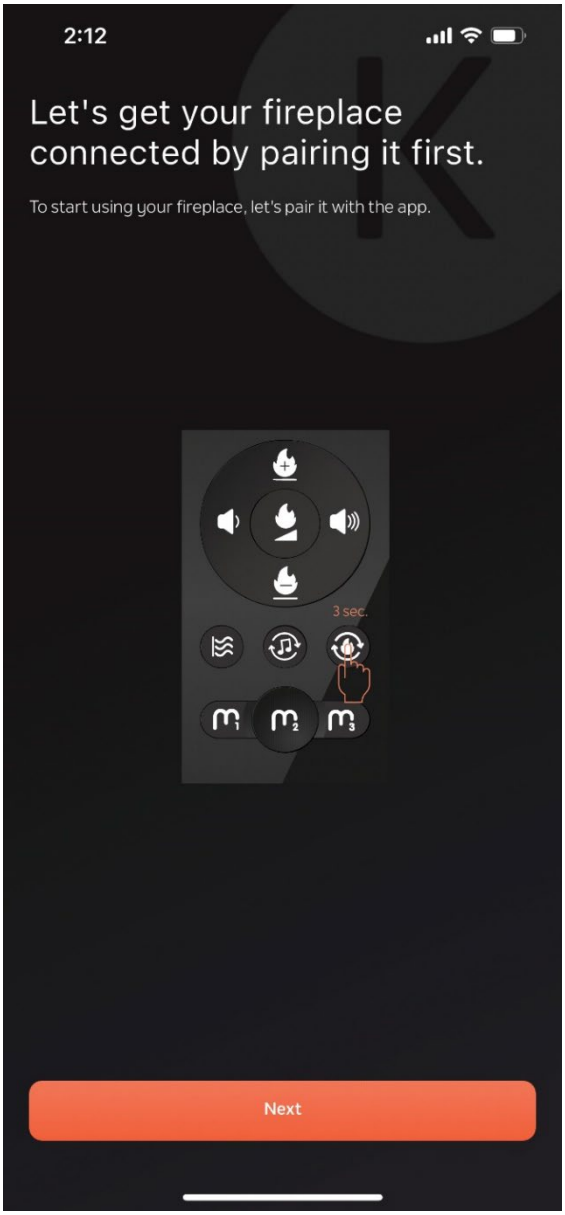
Once the app is connected to the app the screen should appear as shown below. Now you will be able to control the fireplace with your app.





6.15 Connecting other Users

To connect other users to the app repeat steps 3.1-3.2. Once you confirmed you're on the same network. Select the fireplace name that applies to your fireplace. Repeat steps 3.8 until you have successfully connected the fireplace to the app and have the green check mark.





7 MAINTENANCE

CAUTION: Before cleaning, make sure the power has been turned off at the circuit breaker panel and that the heating element of the heater is cool.

7.1 Cleaning The Fireplace

Use a microfiber cloth or other soft cloth to clean the black powder-coated parts of the fireplace.
Never use any solvents or aggressive cleaning agents. The use of sandpaper, steel wool or brushes and scouring pads is strictly not recommended. This will leave scratches on the coating.

7.2 Cleaning The Glass Reflector

The glass reflector that is placed at an angle in the fireplace must be treated with care.

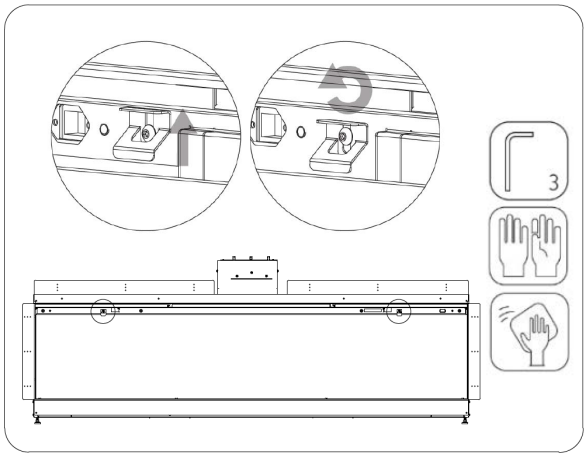
Instructions for cleaning the glass reflector:

- Only clean the glass with clean water: cleaning products are not recommended.
- Just dust the window or dry it with a clean microfiber cloth.
- Always dry the pane completely: water residue is difficult to remove.

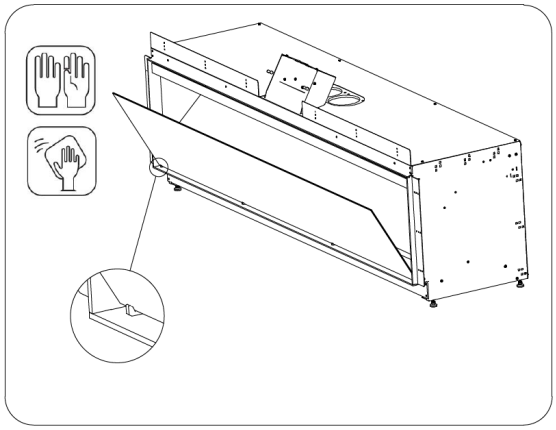
Do not clean the glass reflector with any cleaning products, abrasives, cerium oxide, etc. Never use hard materials such as steel wool, razor blades, etc.

To clean the glass reflector, remove the front window from the fireplace. To do so, follow these steps:

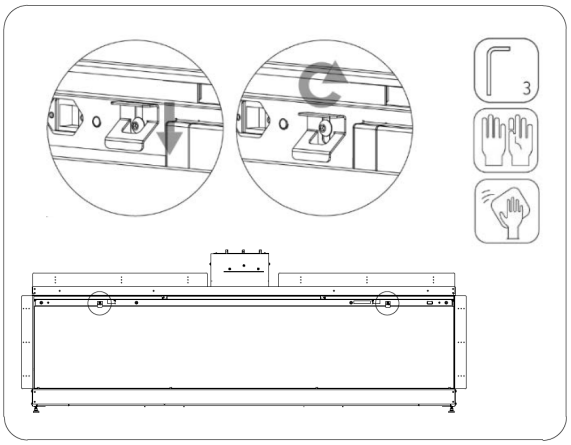
Loosen the screws and slide the retaining clips up.



Lean the top of the glass down and carefully remove it from the fireplace. The glass reflector can now be accessed and cleaned.



Replace the front window and secure the retaining clips. Tighten the screws so they are snug. Do not overtighten.



8 WARRANTY

NetZero Fire extends this 2-year Warranty to the original purchaser of this appliance provided the product remains in the original place of installation. The policy is not transferable, amendable, or negotiable under any circumstances.

Warranty protects against defect in manufacture or NetZero Fire factory assembled components only, unless herein specified otherwise.

It remains the full responsibility of the owner to operate this appliance within the guidelines provided in the Installation and Operating Instructions Manual accompanying this appliance.

Any part(s) found to be defective during the warranty period as outlined above will be repaired or replaced at NetZero Fire's option through an accredited distributor, dealer or pre-approved and assigned agent provided that the defective part is returned to the distributor, dealer or agent for inspection if requested by NetZero Fire.

The authorized selling dealer, or an alternative authorized NetZero Fire dealer if pre-approved by NetZero Fire, is responsible for all infield diagnosis and service work related to all warranty claims. NetZero Fire is not responsible for results or costs of workmanship of unauthorized NetZero Fire dealers or agents in the negligence of their service work.

At all times NetZero Fire reserves the right to inspect reported complaints on location in the field claimed to be defective prior to processing or authorizing of any claim. Failure to allow this upon request will void the warranty.

All warranty claims must be submitted by the dealer servicing the claim, including a copy of the Bill of Sale (proof of purchase by you). All claims must be complete and provide full details as requested by NetZero Fire to receive consideration for evaluation. Incomplete claims may be rejected.

Unit must be installed according to all manufacturers' instructions as per the manual by a NetZero Fire authorized dealer, an authorized dealer technician or an authorized service person only. All Local and National required codes must be met. The installer is responsible to ensure the unit is operating as designed at the time of installation.

Repair/replacement parts purchased by the consumer from NetZero Fire after the original coverage has expired on the unit will carry a 90-day warranty, valid with a receipt only. Any item shown to be defective will be repaired or replaced at our discretion. No labor coverage is included with these parts.

Freight damages for products or parts are not covered under the terms of the warranty.

9 TECHNICAL DATA

9.1 Specifications

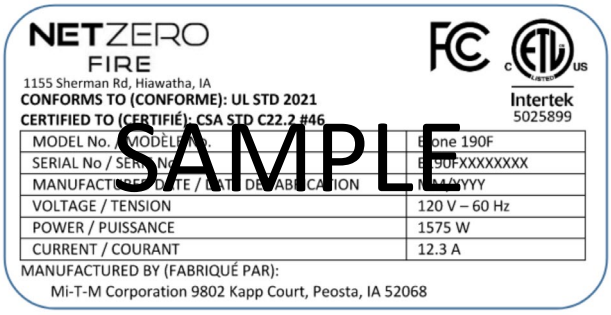
NetZero Kalfire E-one		
Model	**160**	**190**
Input	120	120
Frequency (Hz)	60	60
Amps (A)	13.5	13.5
Power (Watt)	2100	2100
Heater Output (Btu/hr)	5220	5220

Energy consumption per operating mode		
	160	**190**
standby mode (W)	11	11
standby mode, incl. anti-reflect function (W)	23	23
full operating mode, excl. Atmos Heating (W)	116	116
full operating mode, incl. Atmos Heating – level 1 (W)	1620	1620

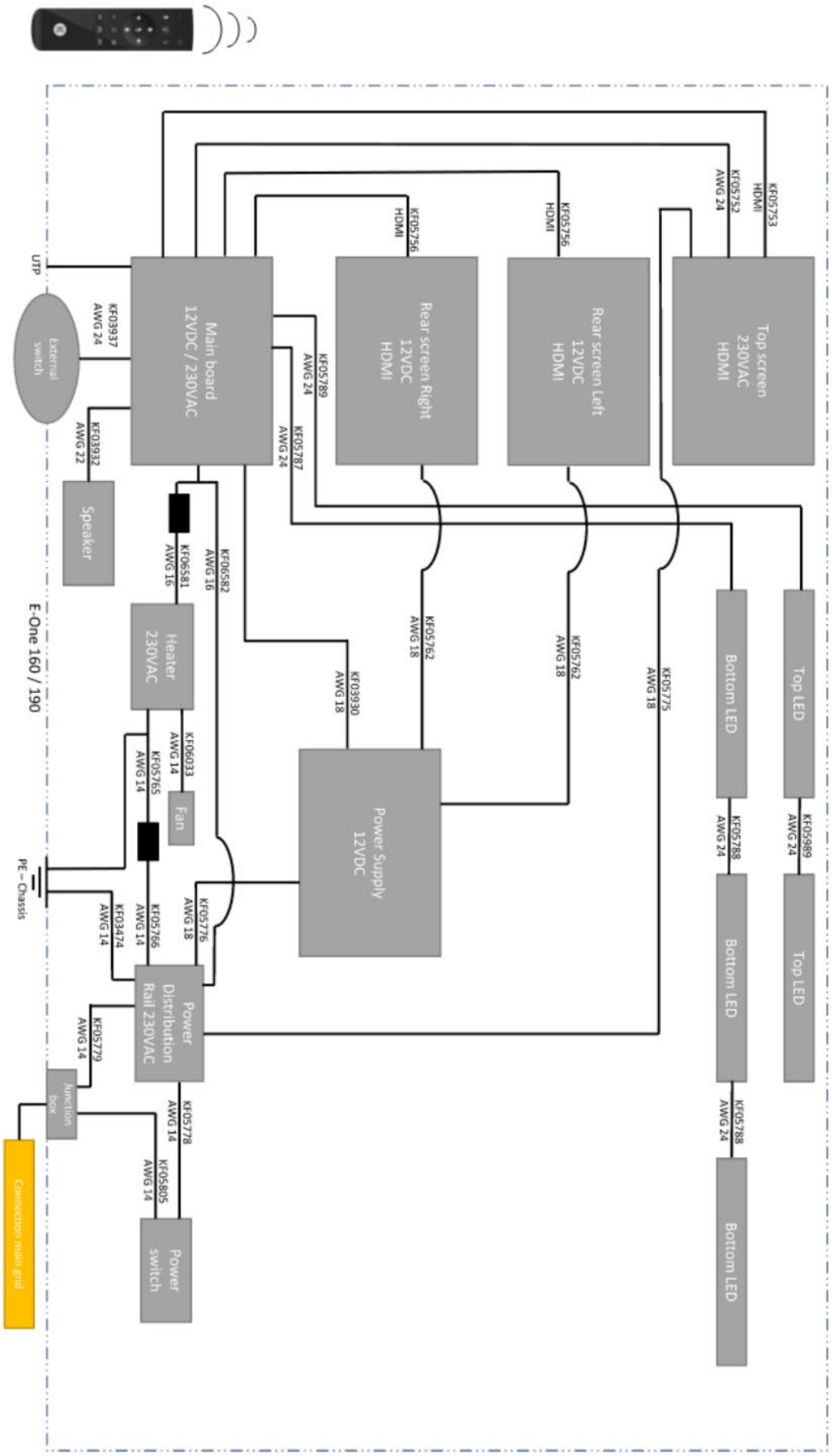
This fireplace must be hardwired to a 120V 15Amp electric supply. Wiring procedures and connections shall be in accordance with the national and local codes having jurisdiction.

9.2 Serial Number Label

The serial number for the fireplace can be found inside the fireplace on the left-hand side or under the top flap. To view the serial number label, remove the front glass from the fireplace. Then remove the panel that is magnetized to the left side of the fireplace.



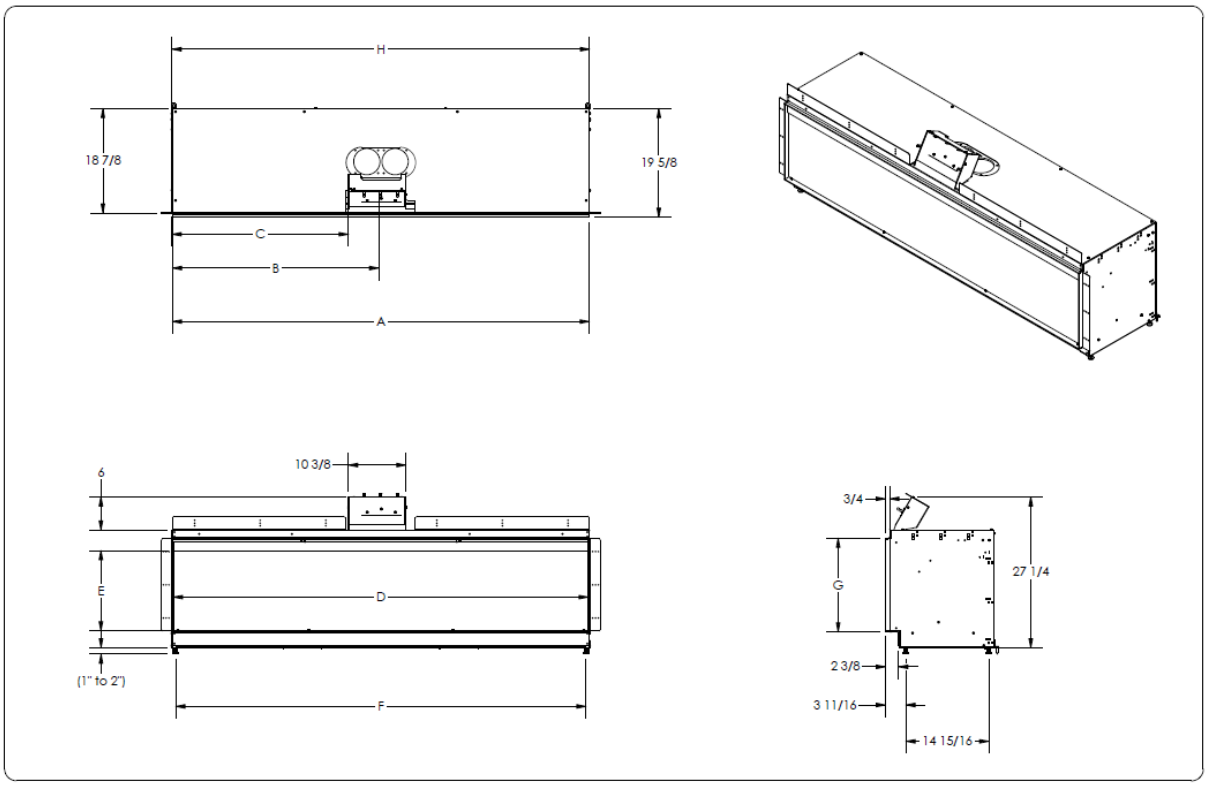
9.3 Wire Diagram



9.4 Dimension Drawing

For framing the fireplace follow the framing dimensions and instructions given in this manual.

Warning: The ceiling of the enclosure must be at least 6” above the top of the heater or 11 ½” above the top of the fireplace. Do not frame in front of the heater. Doing so will not allow the heater to be removed for service.



E ONE DIMENSIONS		
	160	**190**
A	63-5/16"	75-1/8"
B	31-5/8"	37-9/16"
C	25-13/16"	31-11/16"
D	62-15/16"	74-3/4"
E	14-1/2"	14-1/2"
F	62-1/16"	73-7/8"
G	16-7/8"	16-7/8"
H	63-11/16"	75-1/2"

NOTES

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