

User Guider

Installation and Operation



Aimei Mercury Water Vapor Series

VEW40/VEW50/VEW60



Smart Control



2 Years Warranty



Adjustable Flame



No Harmful Fumes Emitted



Energy Saving

1-888-700-5228

www.litedeerhomes.com

11151 Bridgeport#1718, Richmond, BC V6X 1T3



Check with your local building code before installation

Table of Contents

	Welcome & Congratulations	2
	Features	3
	Dimensions	4
	IMPORTANT SAFETY INSTRUCTIONS	5-7
	Installation.	8-13
	Grounding Instructions	14
	Operation	14-15
	Maintenance	15
	Warranty	16
	Technical Support	17
	Troubleshooting	17

Always Call a qualified technician or service agency to Install or repair



NOTE: Procedures and techniques that are considered important enough to emphasize.



CAUTION: Procedures and techniques which, if not carefully followed, will result in damage to the equipment.

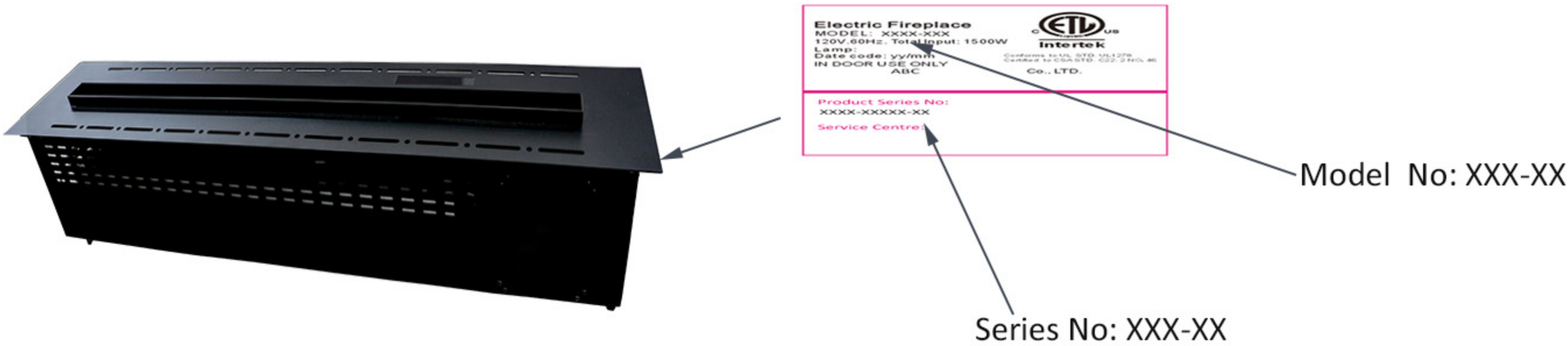


WARNING: Procedures and techniques which, if not carefully followed, will expose the user to the risk of fire, serious injury, or death.



Welcome & Congratulations

Thank you and congratulations for purchasing Litedeer Homes electric Fireplace. Please use our convenient online registration page to record your model and serial numbers for future reference at www.litedeerhomes.com/register



Please carefully read and save these instructions.



CAUTION: Read all instructions and warnings carefully before starting installation. Failure to follow these instructions may result in a possible electric shock, fire hazard and will void the warranty.



NO NEED TO RETURN TO THE STORE

Questions with operation or assembly? Require Parts Information?

Contact us at:  www.litedeerhomes.com/customer_support

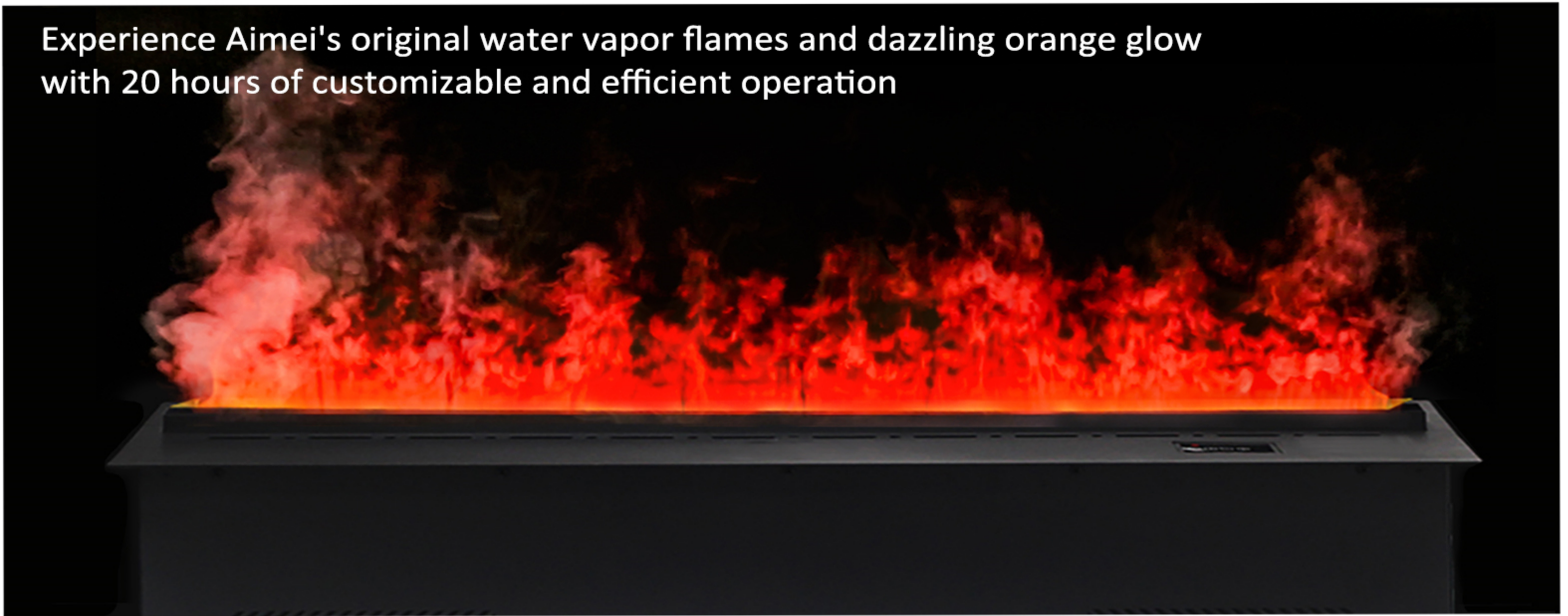
Product Under Manufacturer’s Warranty?

For Troubleshooting and Technical Support

OR  Toll-Free 1 888 700 5228

In order to better serve you, please have your model and serial number ready or register your product online before calling (See above)

Experience Aimei's original water vapor flames and dazzling orange glow with 20 hours of customizable and efficient operation



Aimei Mercury Series

VEW40 /VEW50 /VEW60

Features

- Run Time: 20 hours or unlimited with direct plumbing (kit sold separately).
- Flame Control: Adjust flame size (8 to 12 inches) and speed.
- Control Options: Button on device or integrate with room automation via dry port contact.
- Air Intake: Through lid or hidden intake from below.
- UV-C Lighting: Internal UV-C lighting sanitizes water and vapor.
- Humidification & Air Purification: Enhances indoor air quality, alleviating dryness-related symptoms.

User-Friendly Design

- Installation: Free-standing or recessed; easy installation with user manual.
- Operation: Touch screen, remote control, and mobile app.
- Safety & Efficiency: Automatic water shortage protection, low noise (45 dB), energy-saving LED light, and low maintenance.

Water Connection

- Direct Water Connection: Automatic water inlet and outlet with included water hose and pagoda joint for seamless water vapor supply.



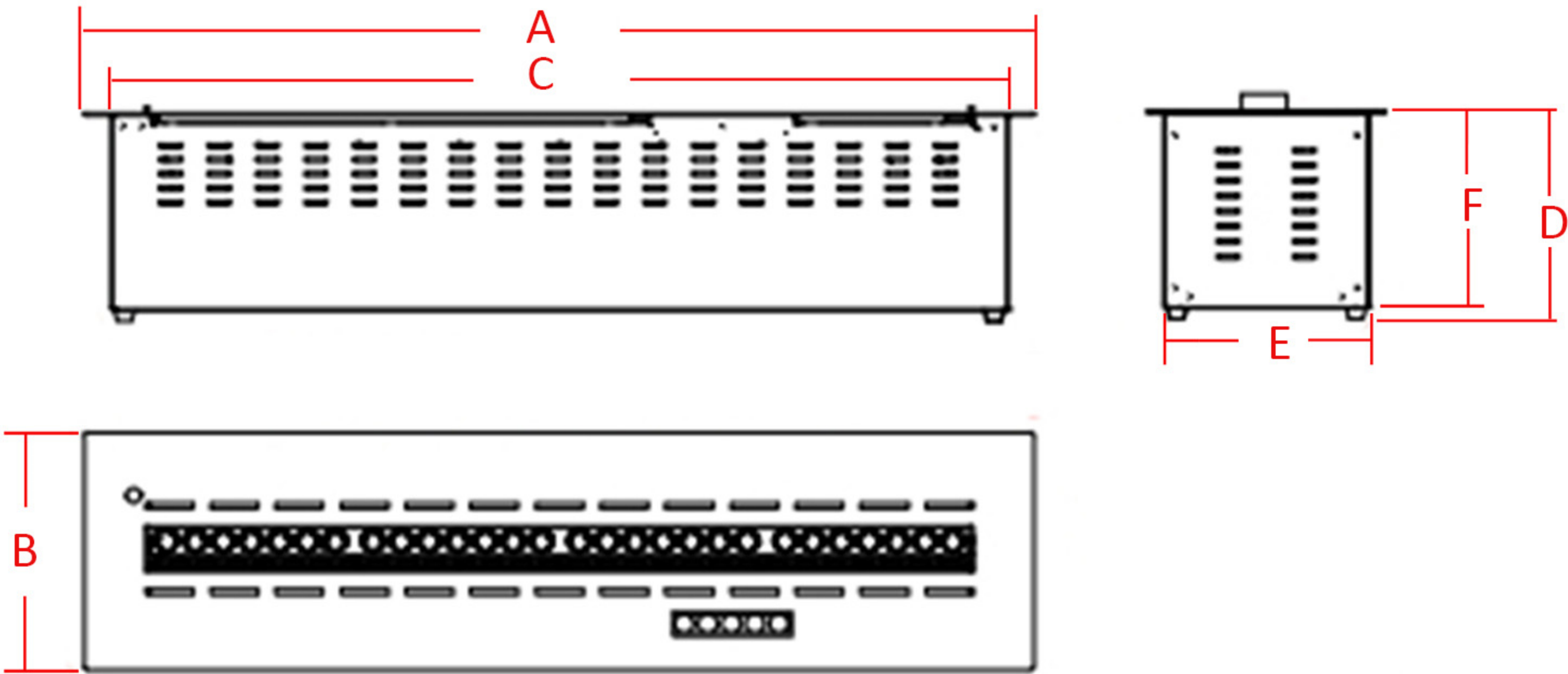
IMPORTANT SAFETY INFORMATION: Always read this manual first before attempting to install. For your safety, always comply with all warnings and safety instructions contained in this manual to prevent personal injury or property damage.

For more product information, please visit www.litedeerhomes.com



Model: VEW40
VEW50
VEW60

Dimensions



(Unit: mm/inch)

MODEL	A		B		C		D		E		F	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
VEW40	1000	39 1/2	250	9 7/8	970	37	217	8 1/2	195	7 5/8	205	8 1/16
VEW50	1295	51	250	9 7/8	1194	47	217	8 1/2	195	7 5/8	205	8 1/16
VEW60	1500	59	250	9 7/8	1450	57	217	8 1/2	195	7 5/8	205	8 1/16



IMPORTANT SAFETY INFORMATION: Always read this manual first before attempting to install . For your safety, always comply with all warnings and safety instructions contained in this manual to prevent personal injury or property damage.



IMPORTANT SAFETY 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:

1. Read all instructions before using the unit.
2. Do not use outdoors.
3. Exercise extreme caution when any heater is used by or near children or invalids, and whenever the heater is left operating and unattended.
4. Do not operate any heater after it malfunctions. Disconnect power at the service panel and have the heater inspected by a reputable electrician before reusing.
5. To disconnect the unit, turn the controls OFF and disconnect power at the service panel.
6. Do not insert or allow foreign objects to enter any ventilation or exhaust openings, as this may cause electric shock, fire, or damage to the heater.
7. To prevent a potential fire, ensure that air intakes and exhaust openings are not blocked in any manner.
8. All electrical heaters have hot and arching or sparking parts inside. Do not use in areas where gasoline, paint, or flammable liquids are used or stored.
9. Do not burn wood or other materials in the unit.
10. Always use a certified electrician should new circuits or outlets be required.
11. Disconnect the power supply before performing any cleaning, maintenance or relocation of the unit.



ALWAYS SAVE THESE INSTRUCTIONS



IMPORTANT SAFETY INSTRUCTIONS



Read all instructions before using the unit.



WARNING: To reduce the risk of fire or electric shock,
Do NOT expose this apparatus to rain or moisture.

1. Clean only with dry cloth.
2. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
3. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
4. No naked flame sources, such as candles should be placed on this apparatus.
5. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.



WARNING: This appliance is of Class I construction and must be connected to a power outlet with a protective grounded connection.

1. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
2. Only use attachments/accessories specified by the manufacturer.
3. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
4. Disconnect power at the service panel during lightning storms or when unused for long periods of time.
5. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
6. If the appliance is damaged, check immediately with the supplier before installation and operation.



ALWAYS SAVE THESE INSTRUCTIONS



IMPORTANT SAFETY INSTRUCTIONS

7. Do not operate any unit with a damaged cord, or if the fireplace has been dropped or damaged in any manner, contact Technical Service at



litedeerhomes@gmail.com OR



1-888-700-5228

- 8. Do not modify the fireplace. Use it only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
- 9. When transporting or storing the unit and cord, keep in a dry place, free from excessive vibration and store so as to avoid damage.
- 10. Do not install the remote control battery backwards; charge; put in excessive heat such as fire, sunshine or the like; or mix with used or other battery types - may explode or leak causing injury.
- 11. When replacing the battery ensure that it is replaced with alkaline 1.5 Volt (AAA) batteries. Battery must be recycled or disposed of properly. Check with your Local Authority or Retailer for recycling advice in your area.

NOTE: To disconnect from mains - set the mains switch to 'O'. The mains (power) switch is located at the top right hand side of the appliance above the manual controls - see 'O/I' Figure 1. Mains switch shall remain readily operable.



Figure 1



WARNING: Remote control contains small batteries. Keep away from children. If swallowed, seek medical attention immediately.



WARNING: To prevent injury, this apparatus must be securely attached to the floor, wall in accordance with the installation instructions.



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



SA1965A

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
NO USER-SERVICEABLE PARTS INSIDE



ALWAYS SAVE THESE INSTRUCTIONS



Installation



WARNING: ANY INSTALLATION AND SERVICE WORK CAN ONLY BE PERFORMED BY QUALIFIED AND AUTHORIZED PERSONNEL. ALL INSTALLATIONS MUST COMPLY WITH ALL LOCAL CODES AND BY LAWS, AND INSPECTED AND APPROVED FOR OPERATION BY LOCAL GOVERNING AUTHORITY PRIOR TO USE.



WARNING: Construction and electrical outlet wiring must comply with local building codes and other applicable regulations to reduce the risk of fire, electric shock and injury to persons.

To position of the Latitude, Gloria & Marie Series use Visual-X Flame Technology, designed to achieve the best results when the ambient light level is low. If the Unit is installed in a bright area, strong reflections may weaken the flame. According to your specific application, it is very important to install the device at a height suitable for the audience to appreciate. It is recommended to use the following guidelines to locate the device.

! NOTE: Measurements are to the bottom of the viewing area of the flame.

For standing applications:

Minimum - 26" (66.0 cm) - Maximum - 51" (129.5 cm)

For sitting applications:

Minimum - 26" (66.0 cm) - Maximum - 36" (91.4 cm)

Plug-In Installation

You may run the power cord out of the framed wall opening to an existing outlet or install an outlet on a nearby wall stud within the wall. If the cord is not long enough to reach the outlet, a grounded extension cord minimum AWG No. 14 wiring and rated to a minimum of 1875 watts may be used.

Hardwire Installation

The Latitude, Gloria & Marie are supplied in an assembled state and is designed to be permanently installed. The unit comes ready for plug-in installation.



WARNING: Do not attempt to wire your own new outlets or circuits. To reduce the risk of fire, electric shock or injury to persons, always use a licensed electrician.



WARNING: Ensure that the On/Off switch is set to the Off position (refer to Operation section) and that the circuit on which the Unit is to be installed has the power cut off at the service panel until installation is complete.

! NOTE: Please read all instructions before installing.

Installation and Recommended Enclosure Dimensions

For rough in framing, the opening should follow the recommended dimensions.

NOTE: Dimensions provided are minimum clearances and will vary depending on type of support framing and finishing options.

NOTE: Framing should be constructed to support:

VEW40 (23KG/46Lbs) /VEW50 (27KG/54Lbs) /VEW60 (31KG/62Lbs)



Installation - Recessed Installation

Aimei Vapor fireplaces offer four typical installation options:
Front view, left corner, right corner or bay.

Recessed installation: The fireplace is installed flush against a wall, providing a clear, unobstructed view from the front.



Figure 1

Side View

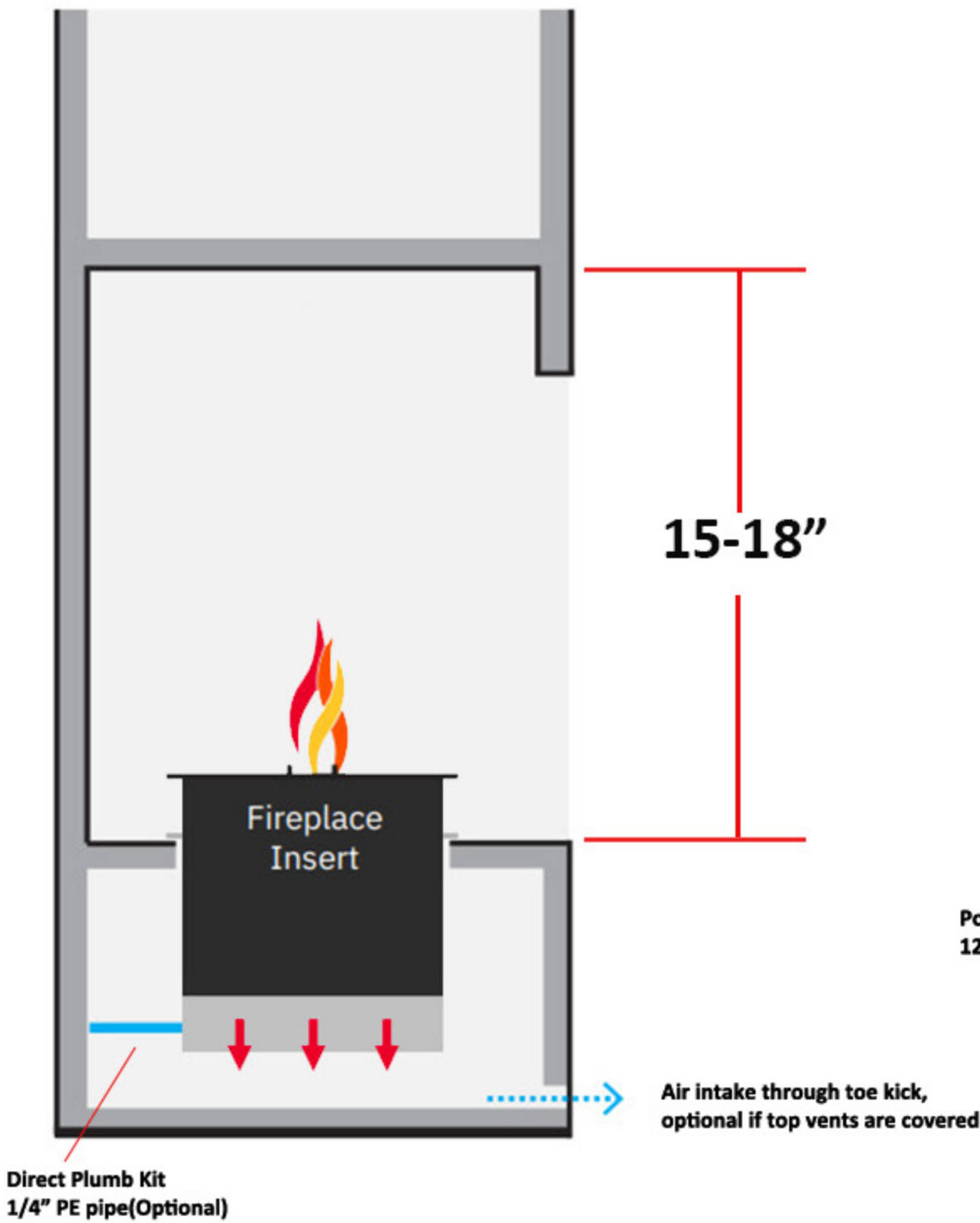


Figure 2

Front View

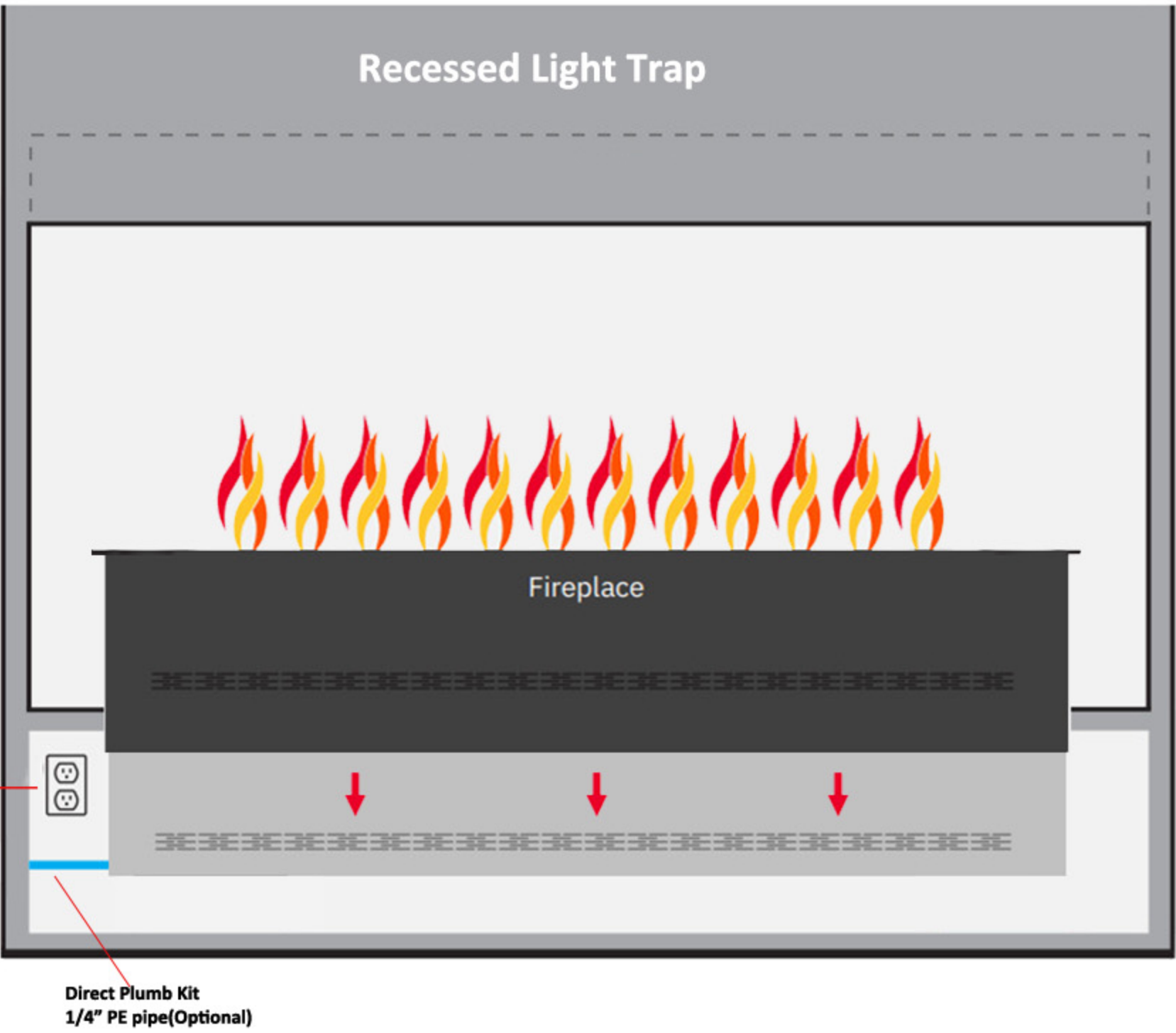


Figure 3



Installation - Corner Installation:



Figure 4

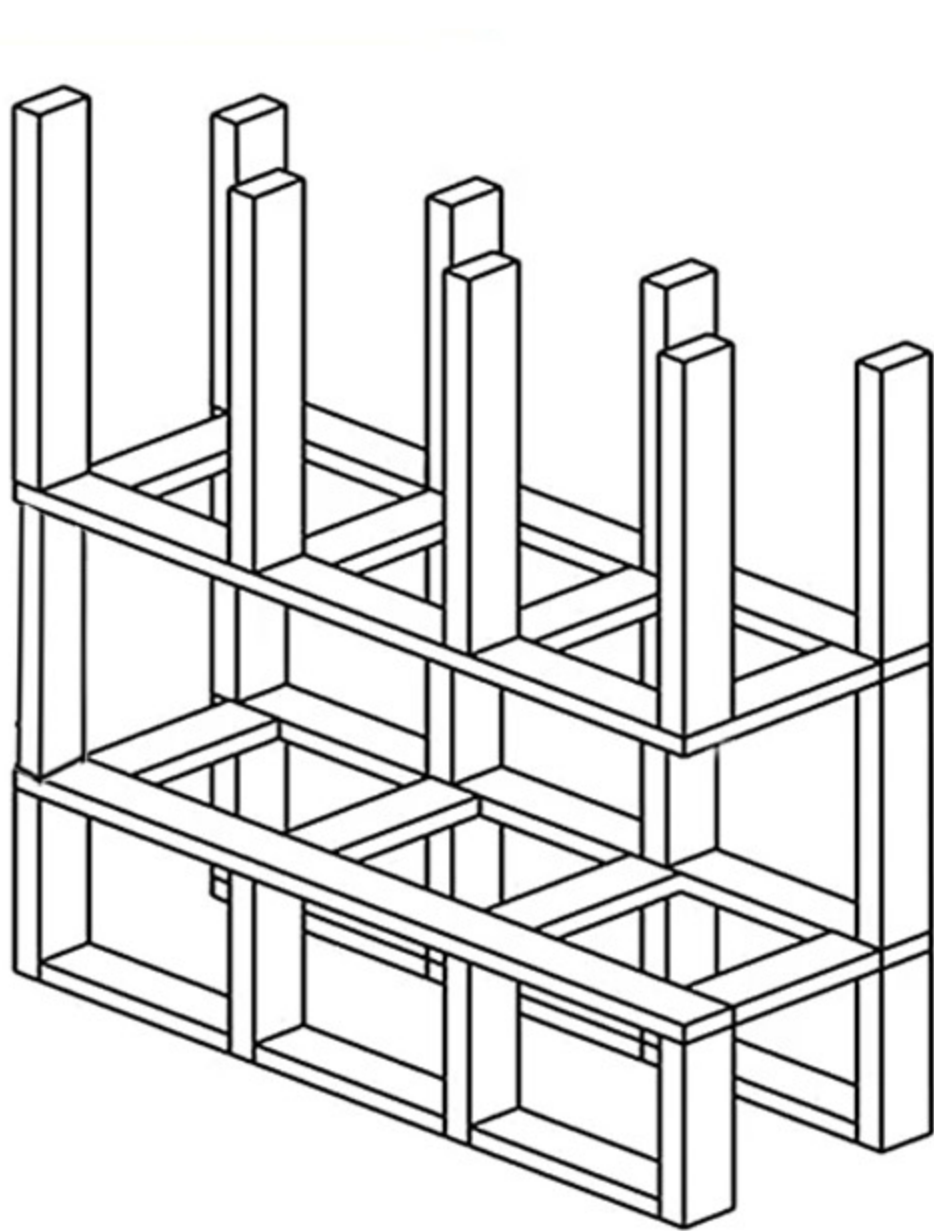


Figure 5

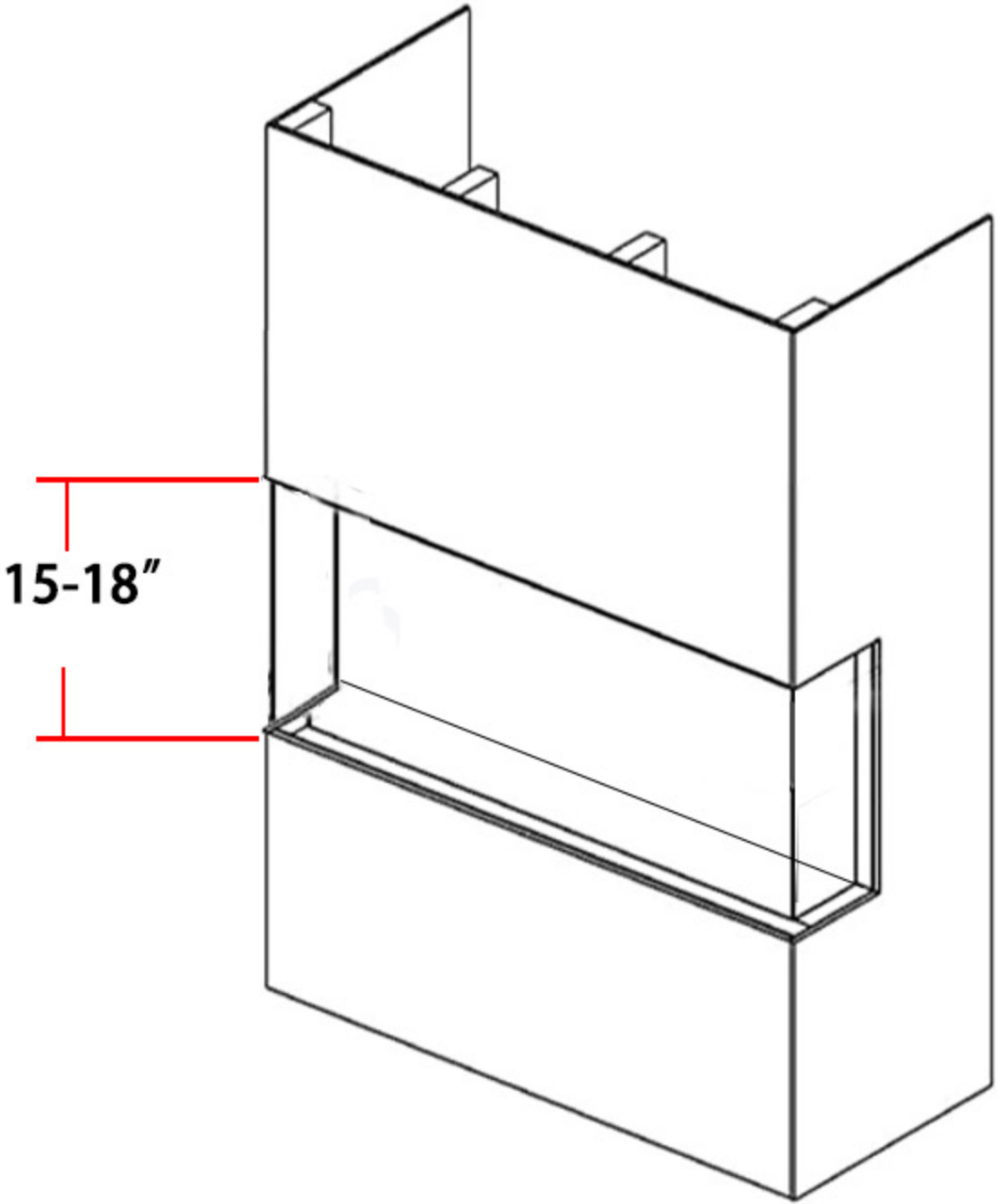


Figure 6



Installation - Bay Fireplace Installation

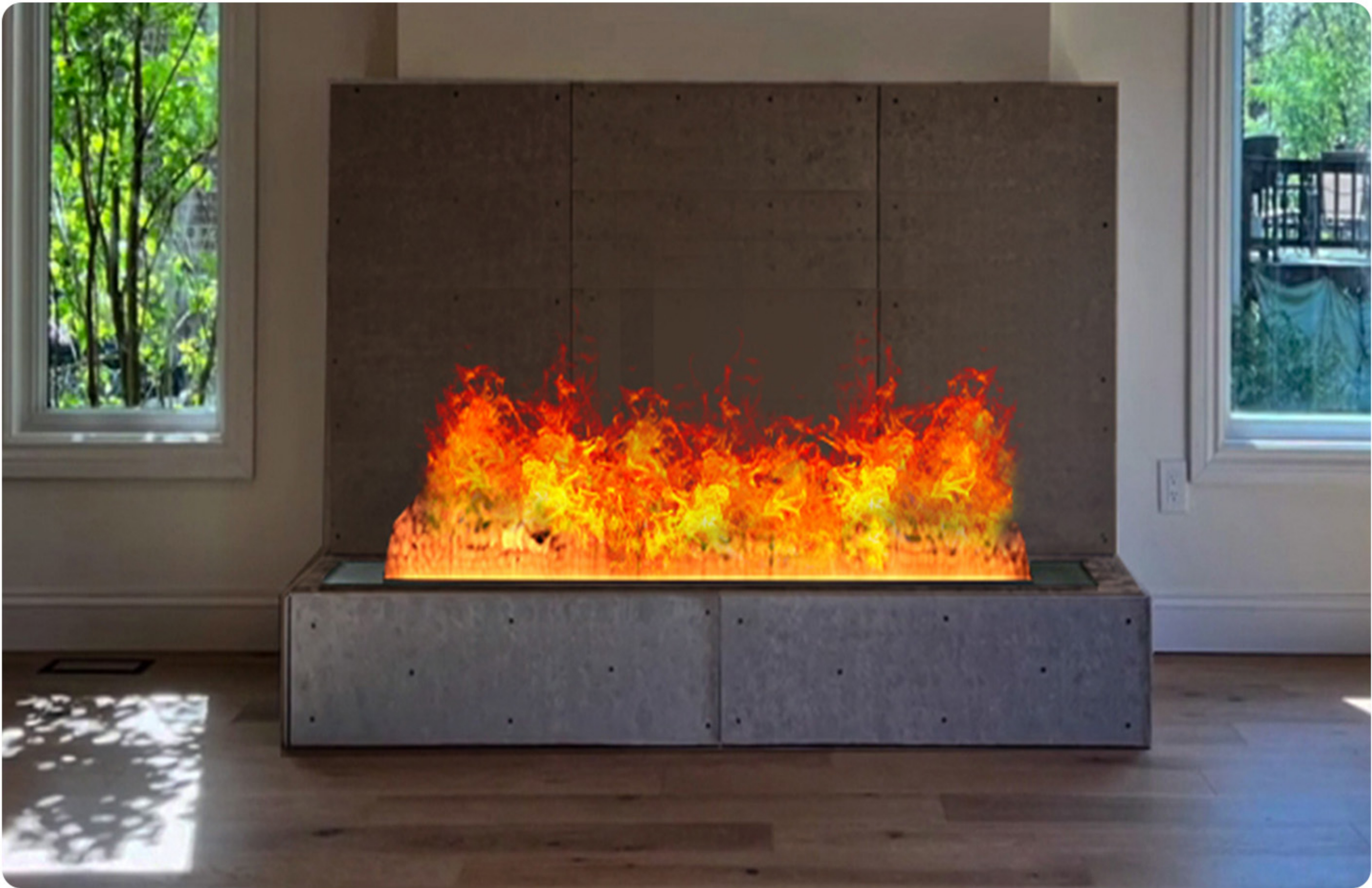


Figure 7

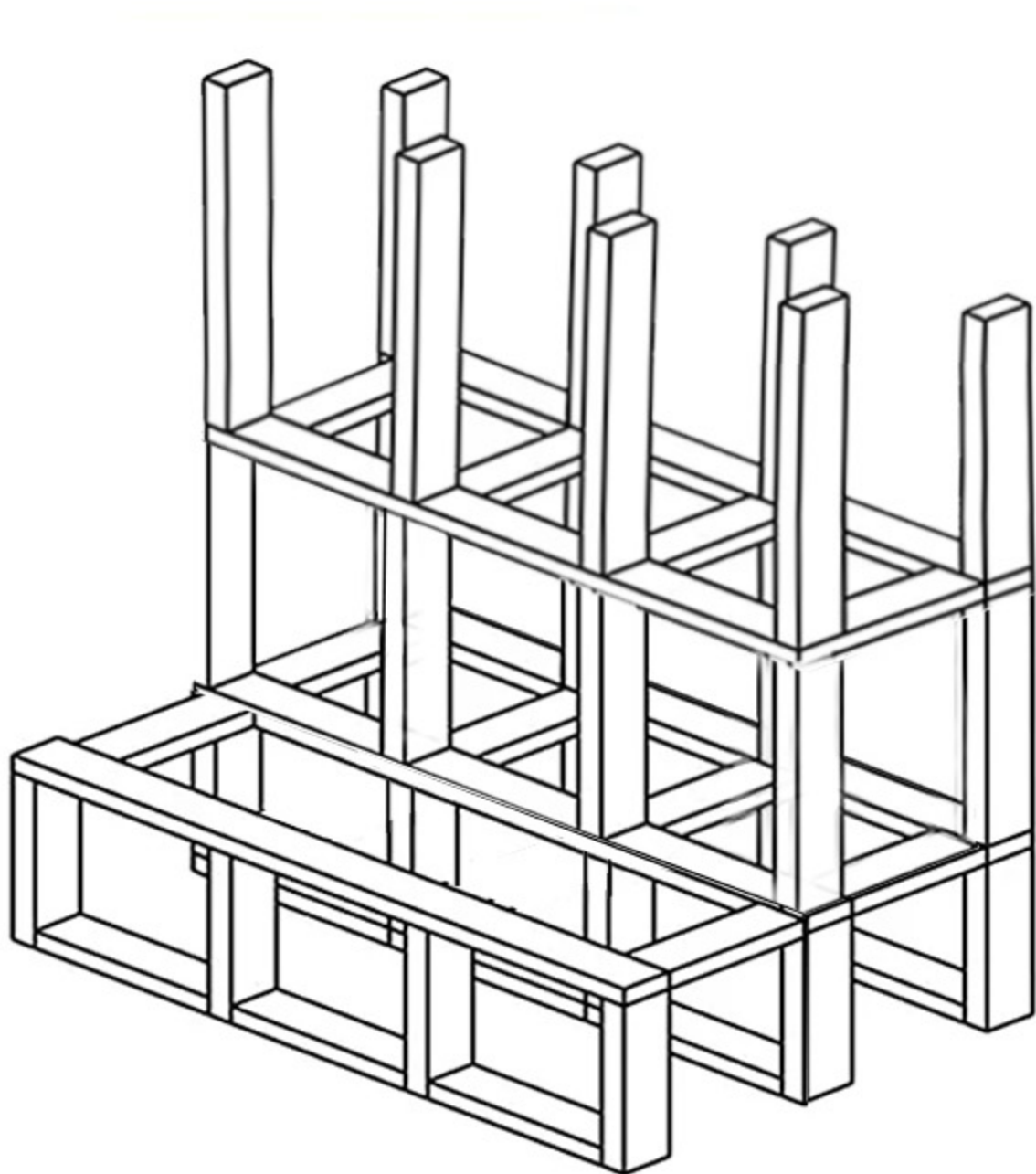


Figure 8

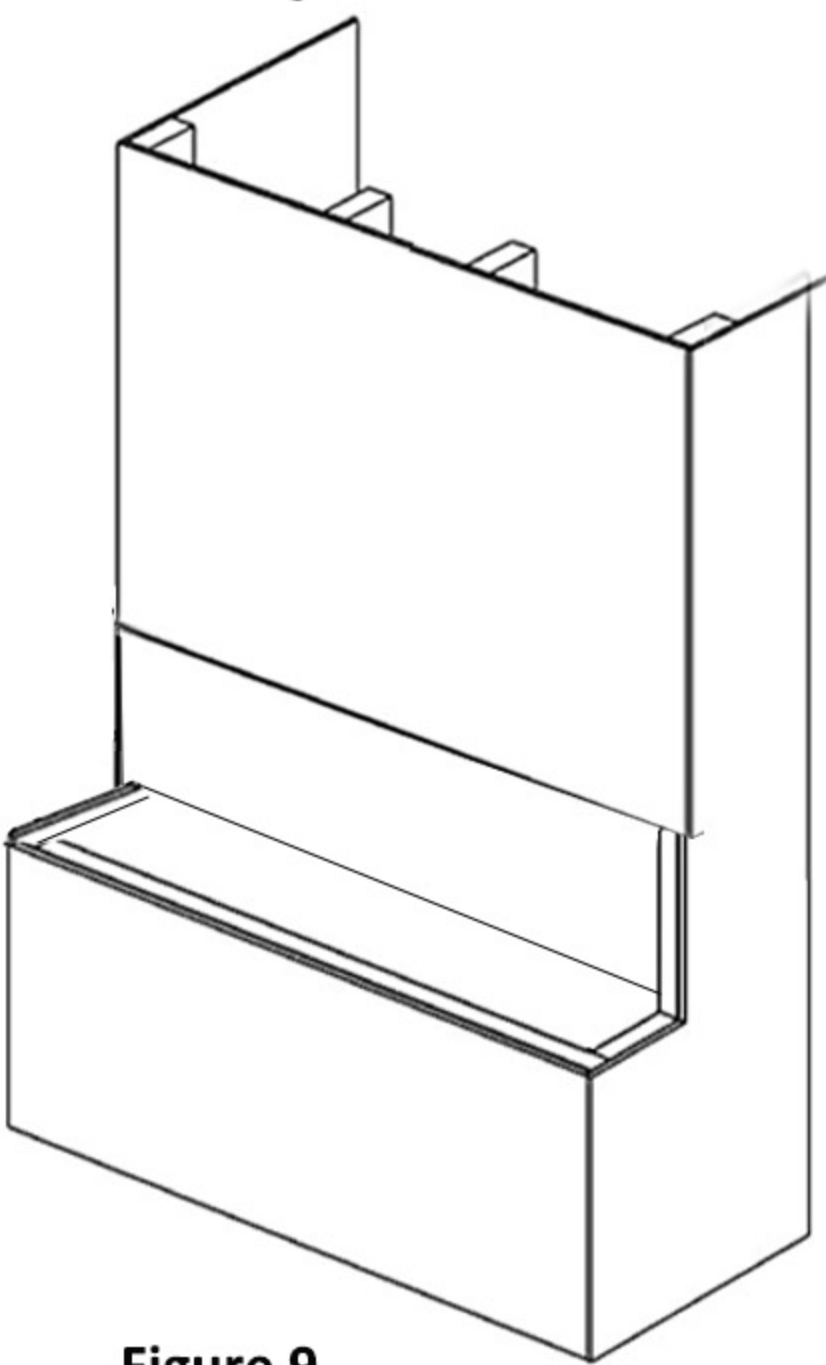


Figure 9



Installation - Cutout Dimensions

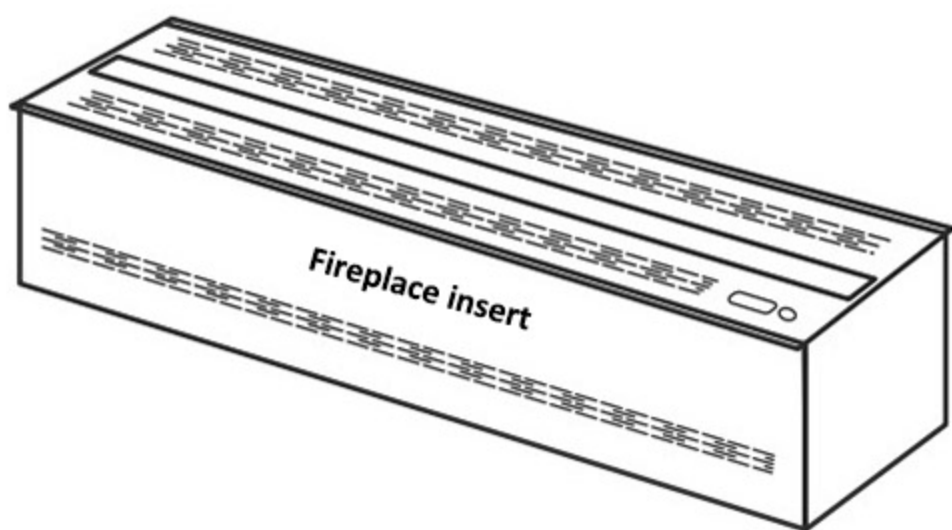


Figure 1

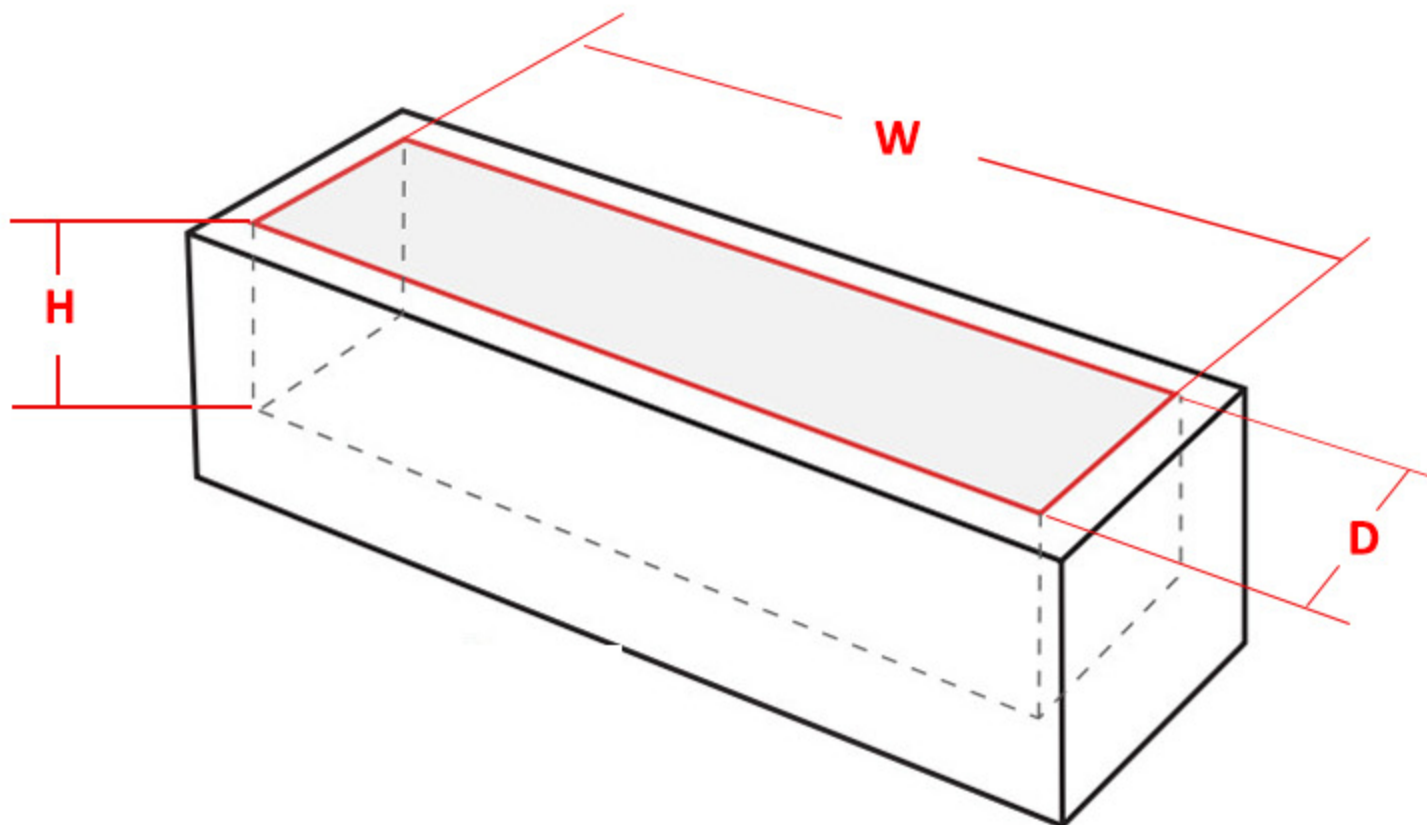


Figure 2

! Recommend Cutout Dimensions

Model	W	H	D	Unit
VEW40	38	8 7/8	7 7/8	Inch
	966	226	200	mm
VEW50	50	8 7/8	7 7/8	Inch
	1272	226	200	mm
VEw60	58	8 7/8	7 7/8	Inch
	1475	226	200	mm

For more information, please visit:



www.litedeerhomes.com

Installation Steps:

1. Make sure that the main power switch is turned off, and then plug the power plug into the wall socket, place the fireplace into wall framing (Figure 3) .

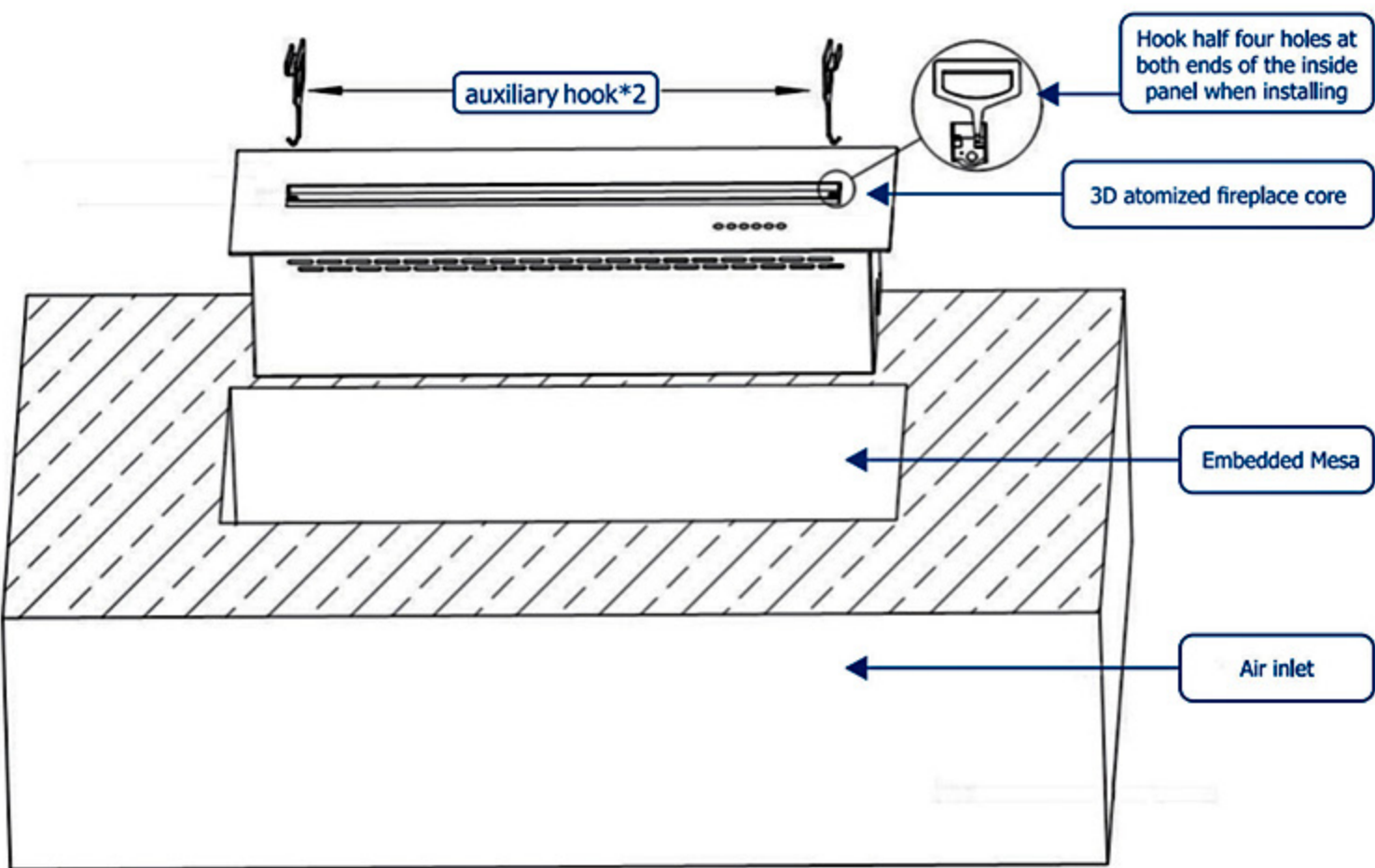


Figure 3



Installation

2. After the overall installation is completed, add distilled water to the steam fireplace water tank. (figure 5).

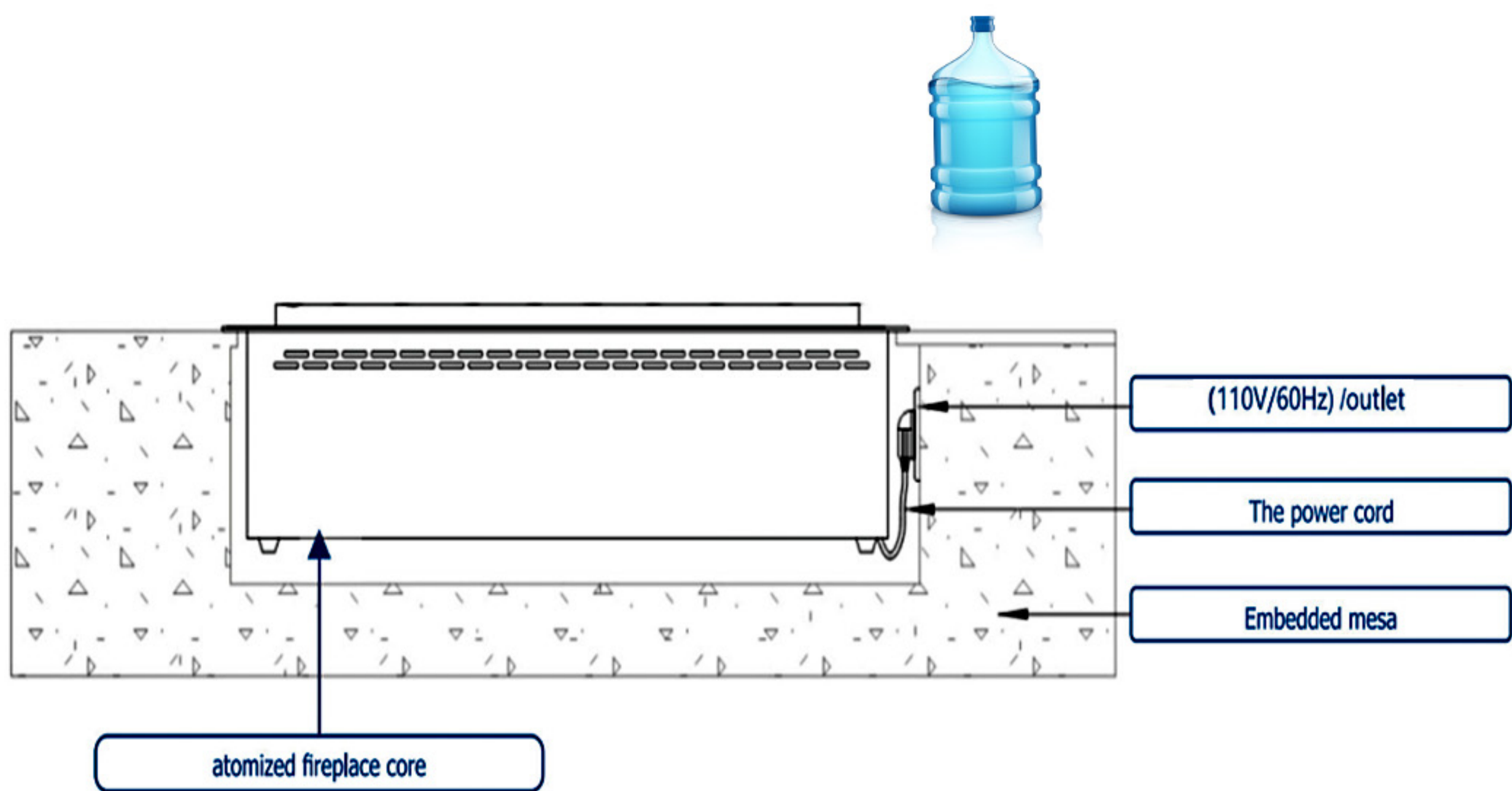


Figure 5

3. Turn on the machine and press the button to add water  , Once the water is filled, the machine will beep to indicate completion. At that point, press the flame button and enjoy its unparalleled beauty.

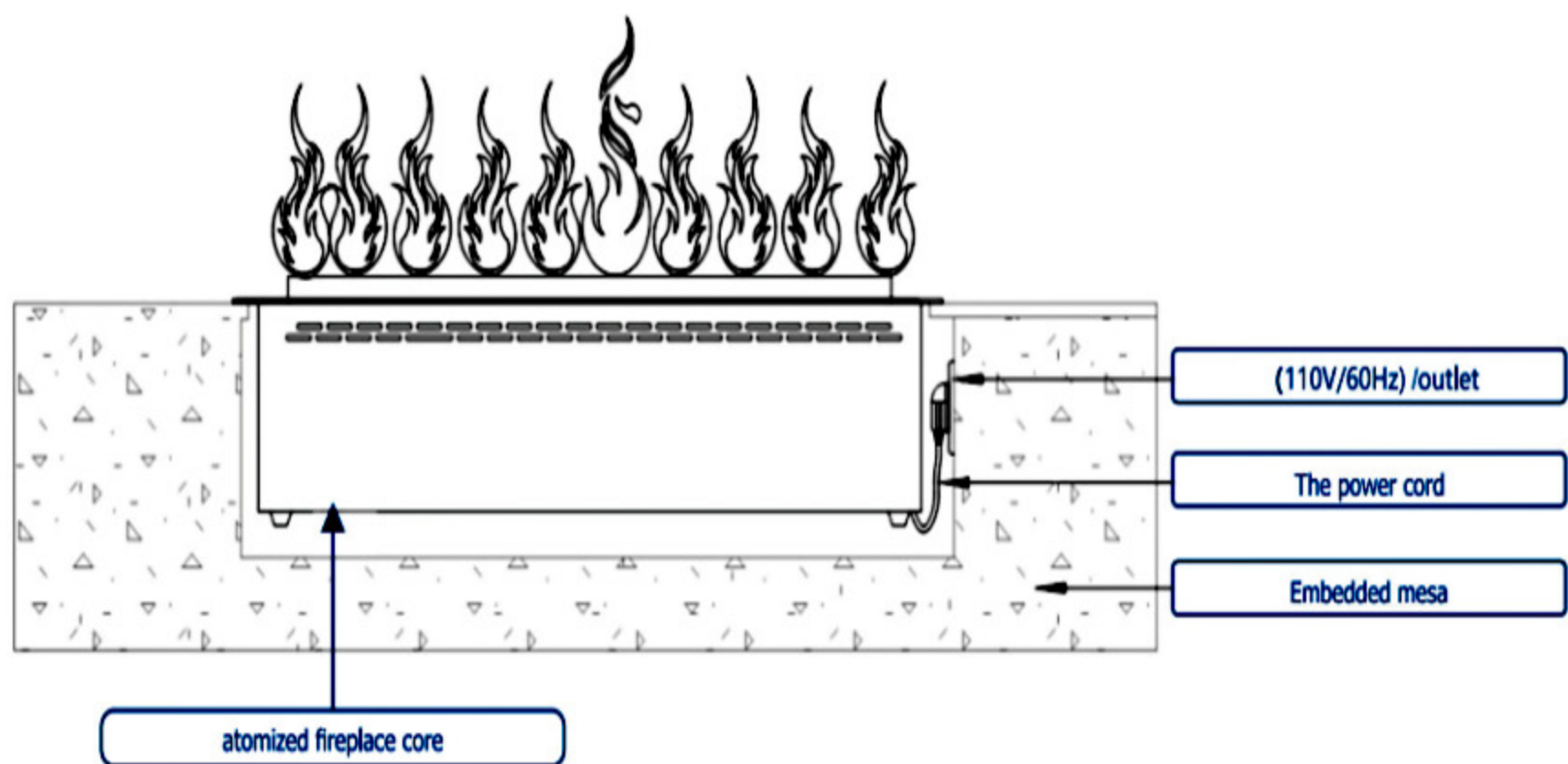


Figure 6



Grounding instructions

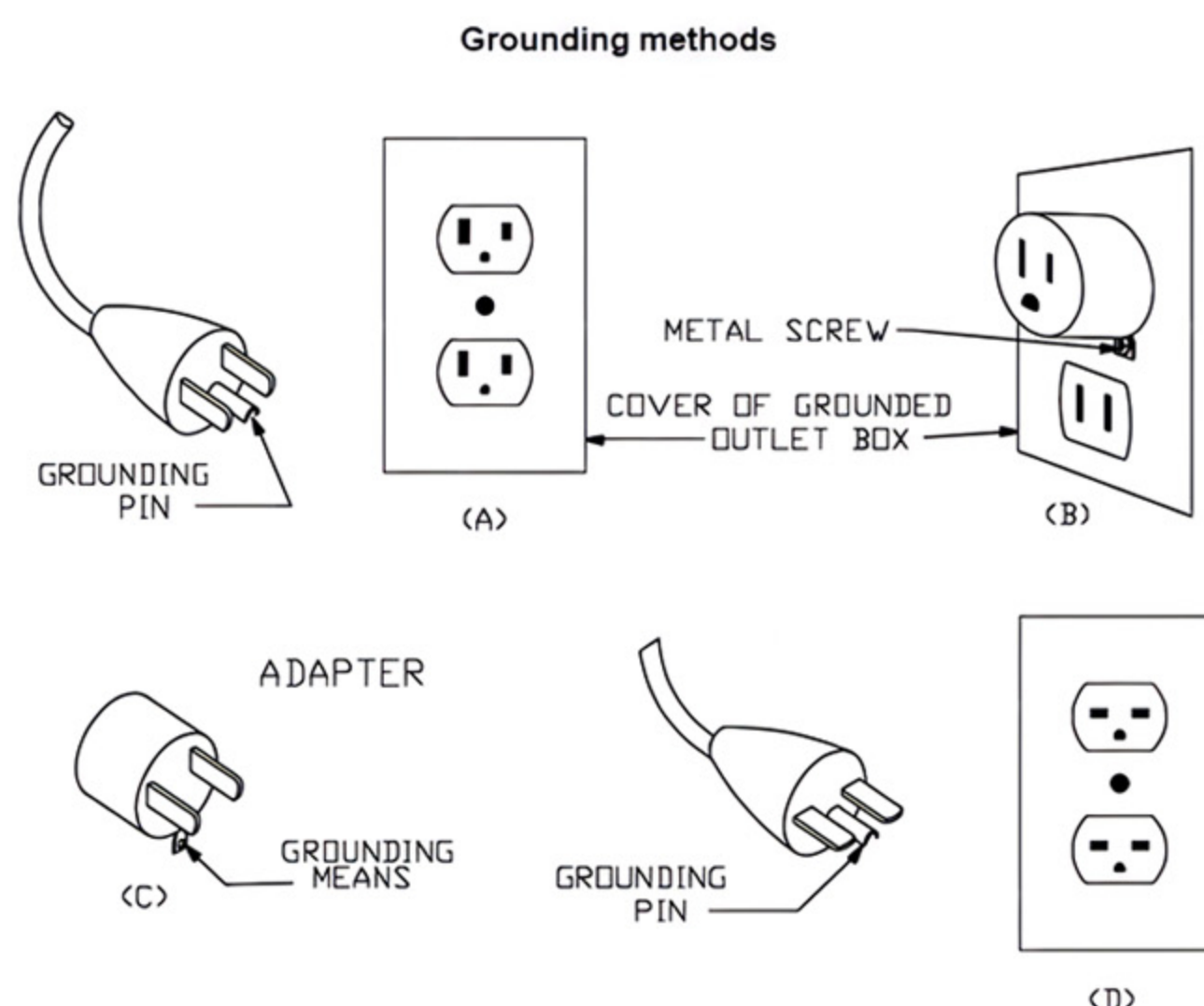


This heater is suitable for 120 volts. The power cord has a plug, as shown in A, this is a highly recommended configuration.

If you want to use an adapter, as shown in Figure C, make sure that the adapter can be used to connect the three-prong grounding type plug into a two-slot socket. green ground lug extend from the adapter must be connected to a permanent ground, such as a properly grounded outlet box.

When properly installed, it provides a ground connection through the cord to the heater to protect the operator from electric shock.

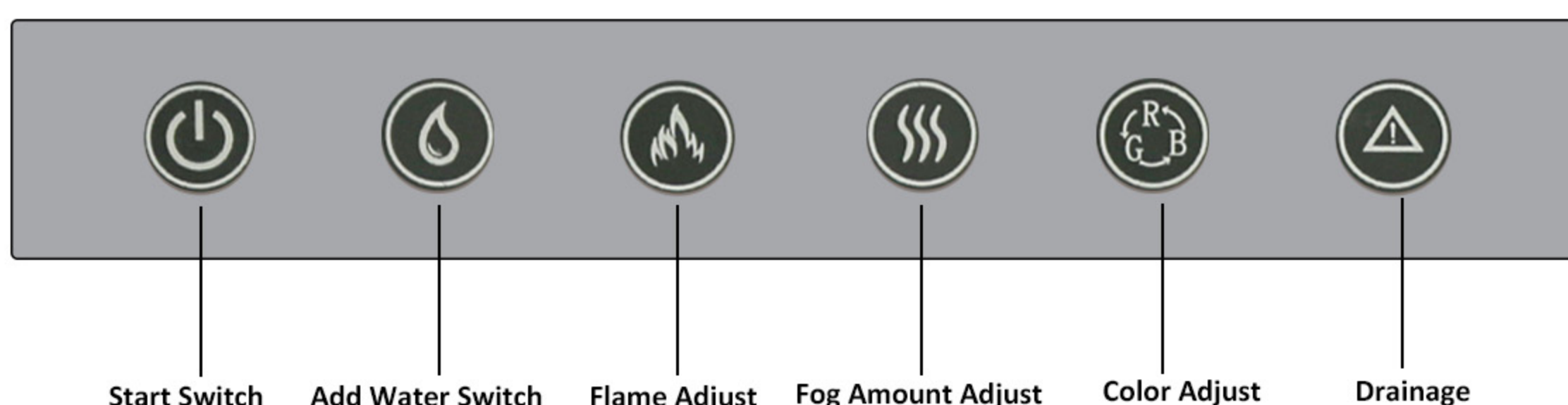
Schematic diagram



Operation

The appliance can be operated either by the touch panel or by supplied remote control.

TO ACCESS CONTROL PANEL



1. The POWER SWITCH must be first switch on.

It takes some time for the receiver to respond to the transmitter. Do not PRESS the buttons more than once within two seconds for correct operation.

2 Press once the button START SWITCH  on the remote control this turns ON/OFF the appliance and fire effect.

3. Press the button  to add water, Once the water is filled, the machine will beep to indicate completion.

4. Press button , The flame color can be adjusted using the remote control

5. Press button , The range and intensity of the mist can be adjusted using the remote control.

6. Press the color button  to customize the flame color of the water vapor fireplace.

7. Press the drain button  to remove the water if you won't be using the device for an extended period, and keep the water tank dry



Operation

The Remote control



ON: Enables control panel functions and remote control.Turn on flame effect.
OFF: Disables control panel functions and remote control.Turn off flame effect.



Press this button to fill the tank with water.



Turn on the fireplace flame, and adjust the flame size as desired.



Activate the atomizer to release a fine mist.



Enable the multi-color transformation feature, allowing you to choose from various colors.



Press the drain button to empty the water tank.



Start Switch

Add Water Switch

Flame Adjust

Fog Amount Adjust

Color Adjust

Drainage



DO NOT mix old and new batteries.
DO NOT use rechargeable silver oxide cell batteries with remote control unit.
DO NOT mix alkaline. Standard (Carbon-zinc). Or rechargeable (Nickle - Cadmium) batteries.
DO NOT dispose of batteries in fire. Improper disposal may cause batteries to leak or explode.



Maintenance

LED Light Bulbs Replacement

When disassembling the equipment in any case, ensure that the power is cut off. Remove the ember bed cover plate below the inclined glass and replace the lamp strip.

Note: The flame effect on this electric fireplace insert is created by LED display screen.
The life of these LED displays will be 100,000 hours.
The users are not recommended to replace the LED displayss. For any reason should the bulbs stop working properly, contact a qualified technician.

Cleaning:

Before performing any cleaning or maintenance, turn off the power and unplug the unit from the outlet. Wait at least 10 minutes for all components to cool down properly.
Use a vacuum cleaner or duster to keep the atomizer nozzle area clean and free of dust and dirt.
Clean the exterior of the fireplace with a damp cloth or duster. Do not use abrasive cleaners or liquid sprays



WARNING: Disconnect power before attempting any maintenance or cleaning to reduce the risk of fire, electric shock or damage to persons.



Warranty

Two Year Limited Warranty

Products to which this limited warranty applies

This limited warranty applies to the following models of your newly purchased LiteDeer Homes Latitude /Aimei Vapor Fireplace Series.

What this limited warranty covers and for how long

Products, other than surrounds (mantels) and trims, covered by this limited warranty have been tested and inspected prior to shipment and, subject to the provisions of this warranty, Litedeer Homes warrants such products to be free from defects in material and workmanship for a period of 2 years from the date of purchase of such products.

What this limited warranty does not cover

This limited warranty does not apply to products that have been repaired (except by Litedeer Homes or its authorized service representatives) or otherwise altered. This limited warranty does further not apply to defects resulting from misuse, abuse, accident, neglect, incorrect installation, improper maintenance or handling, or operation with an incorrect power source.

What you must do to get service under this limited warranty

Defects must be brought to the attention of Litedeer Homes Technical Service by contacting



1-888-700-5228

or



litedeerhomes@gmail.com

Please have proof of purchase, catalogue/model and serial numbers

available when calling. Limited warranty service requires a proof of purchase of the product.

What Litedeer Homes will do in the event of a defect

In the event a product or part covered by this limited warranty is proven to be defective in material or workmanship during (i) the 2 year limited warranty period for products other than surrounds (mantels) and trims, and (ii) the 1 year limited warranty period for surrounds (mantels) and trims, you have the following rights:

(I) Litedeer Homes will in its sole discretion either repair or replace such defective product or part without charge. If Litedeer Homes is unable to repair or replace such product or part, or if repair or replacement is not commercially practicable or cannot be timely made, Litedeer Homes may, in lieu of repair or replacement, choose to refund the purchase price for such product or part.

(II) Limited warranty service will be performed solely by dealers or service agents of Litedeer Homes authorized to provide limited warranty services.



Technical Supports

Technical and troubleshooting support, as well as a list of replacement parts can be found on www.litedeerhomes.com/replacement_parts



1-888-700-5228



litedeerhomes@gmail.com



TroubleShooting

Symptom	Inspection items	Solution
The Power indicator is off	Check if the power is on Inspect the power plug Check for short circuits	Turn on the power Connect the plug or replace the plug
There's a flame, but no mist	Check the Water Level Inspect the Atomizer Check for Blockages	Add distilled water Clean the atomization port Improve water quality

