



Classic Ethanol Burner

A guide.

Classic.

Welcome.

Congratulations on taking delivery of your new IGNIS® Classic Ethanol Burner. We hope that it will provide the ambiance and warmth you are seeking and that it is the backdrop for today's moments and tomorrow's memories for years to come.

Our quality promise.

For ten years, our products have been defined by tangible quality. As one of our brand's top values, this means high-grade materials and innovative solutions that set new standards in design, performance and above all - safety.

But for us, tangible quality is not enough. At IGNIS®, the intangible quality of service and knowledge are just as important as the premium products we create.

Our warning.

If you do not follow our instructions, contained within the following pages, exactly as stated, a fire or explosion may be the result. Improper use of this Classic ethanol burner may result in property damage, personal injury or death. Using this burner is at your own risk.

When reviewing this manual's contents, should you not be clear on a specific instruction, do not operate the Classic ethanol burner until clarification of the proper procedure is fully received by a representative of IGNIS® Development, Incorporated and understood in its entirety.

In the box.

One classic burner insert.
One operating instrument.
One funnel.
One user guide.
Countless memories.

Using this **guide**

This manual has been designed to assist you with the installation, operation and care of your new IGNIS® Classic ethanol burner.

It is our goal is to provide a comprehensive learning experience that reinforces your confidence level and assists you in creating the safest, most efficient and enjoyable fireside moments - the intimate and jovial ones alike.

In addition to the directives herein, IGNIS® experts may also be reached via telephone, email or live chat at ignisproducts.com. Think of us as that family member on whom you rely for advice - not matter the size and scope of the issue.

Table of **content**

Fireplace Safety	3 - 5
Installation	6 - 8
Fuel & Fuelling	9 - 11
Operation	12 - 14





Safety first.



HAZARDS: FIRE & EXPLOSION

- IGNIS® bio ethanol is the preferred liquid fuel for the operation of this ethanol burner. **The use of a fuel not specifically intended for combustion in a ventless liquid ethanol burning fireplace is prohibited.**
- **Ethanol fuel may never be introduced into an open flame.** Once the burner has been extinguished, **a period of no less than twenty (20) minutes must expire prior to refuelling.** It may never be assumed that the fire has fully extinguished until this period of twenty (20) minutes or more has fully elapsed.
- Any spillage of ethanol fuel that occurs during the fuelling process must be swabbed with a dry cloth immediately followed by one that has been moistened with water. **All surfaces must be dry prior to ignition.**
- It is prohibited to use the ethanol burner in any space where there is a presence of flammable vapors or where oxygen tanks are in use.
- Liquid bio ethanol fireplace fuel shall only be stored or transported in its original vessel. It is prohibited to introduce fuel into the burner using any container other than its original bottle or fuelling system. *Consumer chemicals and containers regulations 2001.*
- While fuelling or igniting the burner, **smoking is forbidden.**

LOCATION OF THE ETHANOL BURNER

- It is necessary to monitor children in the proximity of the ethanol burner to prevent injury. **Under no circumstance shall a child be in the locale of the burner without prudent adult supervision.**
- When introducing fire into any interior space, it is highly advised that a **fire alarm** be installed and maintained regularly. As a precautionary measure, it is also necessary to have immediate access to a **class b fire extinguisher** should an emergency arise.
- It is forbidden to move or relocate the ethanol burner **while in use or less than fifteen (15) minutes from extinction.**
- Any active fire consumes oxygen with a potential for air pollution. For safe use of the ethanol burner, installation **in a well-ventilated location** without cross-ventilation is wholly required. Use of the ethanol burner in a space that doesn't meet the requirement is at one's own risk with the knowledge that it may cause serious injury or death. Individuals with pulmonary conditions should consult with a physician prior to occupying the space where the firebox is afire.

DO NOT TOUCH FIREPLACE WHILE BURNING OR BEFORE A MINIMUM OF FIFTEEN (15) MINUTES HAS ELAPSED FROM TIME OF EXTINGUISHING.

SAFE USE: ADDITIONAL INFO

- **NEVER** leave an open fire unattended.
- The fireplace should not be used in a small room where 200 cubic feet of air space is provided for each 1,000 btu emitted per hour by the burner at its maximum intensity level. **Please consult page eight (8) of this guide for burner-specific requirements.**
- **DO NOT** place items on top of the burner unless it is an approved fireplace accessory. **All accessories MUST be placed around the flame opening and NEVER directly over the flame.**
- **DO NOT** ingest bio ethanol fireplace fuel and avoid contact with your skin and eyes.
- Be sure to store both full and empty containers of bio ethanol fuel **away** from the ethanol burner, children, and pets.
- **ONLY** use the included extinguishing tool to put the fire out. NEVER blow out the flame, as the added oxygen will increase it.
- It is **FORBIDDEN** to modify the Classic ethanol burner in ANY WAY.
- **DO NOT** place any flammable material within forty-inches (40") around the fireplace.
- A **MINIMUM** distance of eighty-inches (80") should be kept from any window or drapery.
- **DO NOT** burn under hanging items.
- **NEVER** smoke when handling bio ethanol fireplace fuel.
- **NEVER** use the Classic ethanol burner in areas where flammable vapors or gas may be present.
- **DO NOT** use the Classic ethanol burner to heat or boil water, as a cooking appliance nor as a primary heat source. It is intended for use as a secondary heat source and for its ambient qualities.
- Guidelines for required clearances **MUST** be adhered to.

For questions about the safe use of your new IGNIS® Classic ethanol burner, you may call 855-MY-IGNIS, email at info@ignisproducts.com or live chat with our fireplace professionals by visiting our website at ignisproducts.com.

All warranty information available on our website at ignisproducts.com.

The install.

INSTALLATION: OVERVIEW

It is necessary to install the Classic ethanol burner according to the guidelines herein. Failure to adhere to the installation requirements in exact fashion may result in a fire or explosion. Improper use of this Classic ethanol burner may result in property damage, personal injury or death.

APPROVED BUILDING MATERIALS

The IGNIS® Classic ethanol burner **MUST BE INSTALLED INTO A NON-COMBUSTIBLE SURROUND AND MUST ADHERE TO THE CLEARANCES** set forth.

1. Appropriate materials for construction of the fireplace surround include:

- **Concrete Backer Board.** *(The most widely used brands include: DUROCK®, WONDERBOARD® AND HARDIEBACKER®.)*

- **Brick**
- **Stone**

2. It is highly recommended that the skeletal structure be made of metal studs and tracks of any grade.

3. Facing material must also be **non-combustible**, such as:

- **Granite, Marble, or Other Stone**
- **Ceramic Tile**
- **Stone Veneer**

TELEVISION MOUNTING OVERHEAD

A popular configuration when installing an IGNIS® Classic ethanol burner is to mount or recess a television above it. Should you care to employ this design, please observe the following:

- You must adhere to a **minimum clearance of thirty-inches (30")** between the top of the ethanol burner and the bottom of the television.
- It is also highly recommended that a mantle or shelf-like structure of non-combustible material be installed between the ethanol burner and the television. The structure must also adhere to the aforementioned clearances in this guide.

GLASS FOR SAFETY & PERFORMANCE

If electing to use glass in any aspect of your fireplace design, please adhere to the following requirements:

- Glass must be **tempered**, withstand a **minimum temperature** of 2,000° Fahrenheit, and measure **no less than 5/16"** in thickness.
- Glass **may not** be positioned closer than six-inches (**6"**) from the ethanol burner's lip.
- The glass may only cover a minority of the fireplace opening. It **may not fully enclose the burner**, as oxygen is needed for its function.

CLEARANCES: REQUIRED

When installing an IGNIS® Classic ethanol burner, adherence to the clearances outlined below is **REQUIRED**. The clearance to both combustible and non-combustible materials refers to the distance between the ethanol burner and the next closest object:

Front: 1.5 in | Rear: 2 in | Sides: 4 in | Overhead: 30 in

NEAREST COMBUSTIBLE SHALL NOT BE WITHIN LESS THAN A TWENTY-FOUR INCH (24 in) RADIUS.

MINIMUM REQUIRED SPACE

EB1200	1,200 ft³
EB1400	1,200 ft³
EB2400	2,540 ft³
EB3600	3,340 ft³
EB4800	4,600 ft³
EB6200	4,800 ft³

MINIMUM REQUIRED FUEL

EB1200	0.5 LITERS
EB1400	1 LITER
EB2400	3 LITERS
EB3600	4 LITERS
EB4800	5 LITERS
EB6200	6 LITERS

CUTOUT DIMENSIONS

The range of IGNIS® Classic ethanol burners makes available fireplace solutions in six sizes. The specifications of the cutout required for installation is found in the chart below. Locate the data that coincides with your IGNIS® Classic ethanol burner model:

	LENGTH	WIDTH	DEPTH
EB1200	10-1/2 in (26.7cm)	4-1/8 in (10.5cm)	3-1/4 in (8.3cm)
EB1400	12-1/2 in (31.8cm)	6-1/2 in (16.5cm)	3-1/4 in (8.3cm)
EB2400	23-3/4 in (60.3cm)	8 in (20.3cm)	4-1/2 in (11.4cm)
EB3600	36 in (91.4cm)	8 in (20.3cm)	4-1/2 in (11.4cm)
EB4800	48-3/8 in (122.9cm)	8 in (20.3cm)	4-1/2 in (11.4cm)
EB6200	61-3/8 in (155.9cm)	6-3/4 in (17.1cm)	4-1/8 in (10.5cm)



The fuel & fill.



IGNIS® Liquid Bio Ethanol Fireplace Fuel

This Classic ethanol burner uses IGNIS® liquid bio ethanol fireplace fuel. The fuel is **highly flammable** and must be stored in its original container away from any heat source.

The use of any fuel that is not specifically intended and labelled for use in a ventless ethanol burning fireplace is strictly forbidden.

IGNIS® bio ethanol fireplace fuel is classified as a dangerous goods flammable liquid class 3, pgii. It is regulated by specific standards and rules. It is encouraged that one familiarizes themselves with regulations as set forth by local municipalities.

IGNIS® Fuel is the safest bio ethanol fireplace fuel available. Specialists recommend the use of IGNIS® Fuel for the following reasons:

1. Safety-Pour Technology. This patent-pending safety system is included on all IGNIS® bottles. A device that is found just under the cap, this safety-pour technology prevents sparks from entering the bottle during the fill / refill process. Safety-Pour is the first technology of its kind that reduces the risk of flash or explosion and allows for the safest use of your ethanol burning fireplace or fireplace insert.

2. Child-Proof Cap. All IGNIS® bottles are equipped with double protection to ensure the safe storage around children. The cap must be depressed, then twisted to open. Once opened, a silver foil seal must then be removed to access the liquid fuel.

3. BITR®. This agent is added to all IGNIS® Fuel to prevent the accidental digestion of the liquid by children or pets. By adding BITR®, a bittering agent, a third level of defense is built into the fuel to prevent the harm of little ones.

4. PET Bottle. Renewable through-and-through, IGNIS® Fuel is packaged in a PET (Polyethylene Terephthalate) quart-sized container made of safe, recyclable material. This type of packaging is lightweight, yet strong and is a food-safe material boasting shatter-proof qualities.

5. Responsible. IGNIS® Ethanol Fireplace Fuel is made from reclaimed and recycled waste products that contain alcohol. Unlike other ethanol producers, we recognize the need to preserve food products, normally used to produce ethanol, to feed those that are hungry.

6. Clean. When IGNIS® Fuel is burned, it emits no smoke, no soot, no odor nor other toxic emissions. After it's burned, your reservoir is void of residue. IGNIS® Fuel is safe for indoor use, as it only produces heat, steam (water vapor) and small amounts of carbon dioxide (CO2).

7. Value. IGNIS® Fuel, made in the USA, has been tested in our products and developed for the cleanest and longest burn times possible.

Bio Ethanol Fireplace Fuel should NEVER be introduced into an active flame. Please be sure to wait approximately 15 - 20 minutes (or until cool) before refilling your ethanol burner.

FUELLING THE CLASSIC BURNER

This Classic ethanol burner uses IGNIS® liquid bio ethanol fireplace fuel. The fuel is highly flammable and must be stored in its original container away from any heat source. The use of any fuel that is not specifically intended and labeled for use in a ventless ethanol burning fireplace is strictly forbidden.

1. Prior to introducing fuel into the ethanol burner opening, be sure that all packing, construction or other materials have been removed. Inspect the burner to ensure no visible signs of damage are present. Should a visible sign be noticed, do not fuel or ignite the burner.
2. Insert the burner lid to ensure that it operates freely and that no voids that would allow airflow to the fuel in its closed position are visibly present.
3. Open the burner lid. Through a funnel, pour the fuel into the burner's flame opening. Be sure not to exceed the "max" line. If a "max line" isn't visible, do not exceed 3/4 of the burner's fuel capacity. Shake funnel before removal to prevent dripping.
4. Inspect the area to ensure no spillage or droplets of fuel aren't present. If spillage occurred, it must be immediately removed by absorbing it with a disposable medium (such as a paper towel).

5. Prior to igniting the fireplace, be sure all fuel bottles and all other flammable materials are a minimum of one (1) meter [forty-inches (40")] from the burner and ensure your hands are cleansed from any fuel.

6. Only use an elongated lighter or fireplace match. Lower the flame source just over the fuel opening, being careful that your hand nor loose clothing is over the flame opening.

REFUELLING THE CLASSIC BURNER

You must allow for a period of at least twenty (20) minutes to elapse prior to adding more fuel to the burner. It is absolutely forbidden to add fuel to an open flame or while the burner is still warm. A flame may still be present but not visible.

Fuel will burn low upon ignition. Allow 10 -15 minutes to elapse prior to reaching optimal temperature & flame height. DO NOT blow on the fire.



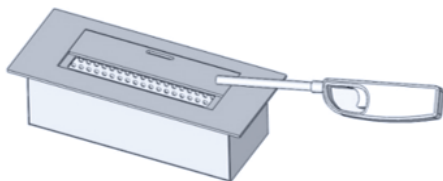
The operation.

IGNITING THE CLASSIC BURNER

If the fireplace design includes multiple burners, all burners must be extinguished and cooled before refilling any burner. All burners must be filled prior to the ignition of any others.

Keep hands and face the length of the elongated lighter or fireplace match away from the burner at all times - especially when igniting.

1. Before lighting the ethanol burner, ensure that it is clear of any obstruction and ready for use.
2. Open the burner lid completely. Once open, wait a period of sixty (60) seconds for residual vapors to dissipate prior to igniting the fire.
3. Ignite the elongated lighter or fireplace match and position it just above the burner opening until the vapors start to combust, in a similar fashion to lighting a candle.

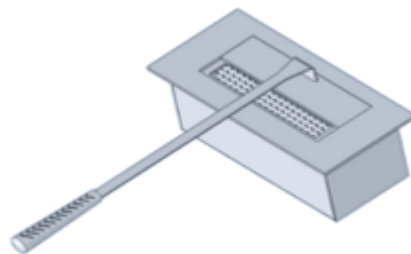


REGULATING FLAME INTENSITY

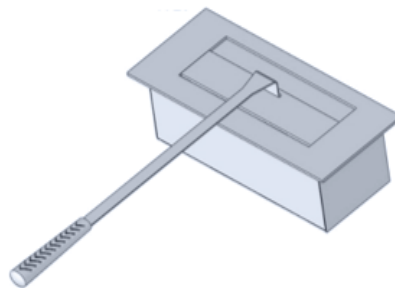
***EB1200 & EB1400 ONLY**

A period of ten (10) minutes should elapse prior to adjusting the flame intensity *(if applicable)*.

To decrease or increase the flame intensity, use the included damper tool to push forward or pull back the lid in a sliding manner until the desired flame intensity is achieved.



****MODELS EB1200 & EB1400 ONLY**



EXTINGUISHING THE CLASSIC BURNER

There are two manners in which the Classic ethanol burner may be extinguished. **No matter which method is chosen, it is required that a period of no less than twenty (20) minutes elapses prior to refuelling the burner. Failure to do so may cause serious personal injury.**

1. The first manner in which the fire may be extinguished is to let the Classic burner burn until all of the fuel is consumed. **Please note that flame may still be present but not visible. DO NOT refill until the required time period of at least twenty (20) minutes has passed once a flame is no longer visible.**

-or-

2. Using the included damper tool, you may close the lid. Simply pull the lid over the burner opening in a swift, yet careful manner. This will deprive the fire of oxygen, thus extinguishing it.

NEVER ATTEMPT TO BLOW OUT THE FIRE NOR EXTINGUISH THE FIRE USING WATER. DOING SO MAY RESULT IN SERIOUS INJURY.

CARING FOR THE CLASSIC BURNER

Maintenance, cleaning and other care must only be performed when the burner is extinguished, dry and at room temperature.

1. The general surround of the firebox is maintained as any standard appliance or piece of furniture by dusting and polishing its surfaces regularly.

2. Over time, residue may appear on the burner - especially close to the flame opening. this residue may stain, so remove with care.

3. When the burner is off, fuel emptied and at room temperature, vacuum the burner using a soft brush. To remove particles inside of the burner opening, use an attachment that allows for entry.

4. Using a mildly abrasive cleaner and water mix, with a damp disposable cloth, wipe the burner in the direction of the brush marks in the stainless steel until no residue remains.

5. Once clean, you may opt to use a stainless steel cleaner to restore the brilliance of the metal. **Do not light the fire until all surfaces are completely dry. Any cleaner and polish will leave a residual film on surfaces. This film will burn and appear to burn black. Be careful use cleanser sparingly and rinse away thoroughly.**



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