

le feu

USER MANUAL - SMART BIO-ETHANOL BURNERS



EVERY HOME DESERVES A WARM HEART



WHAT'S IN THE BOX:

- 1. Smart Burner..... 1 pc
- 2. Remote Control 1 pc
- 3. AC Adapter..... 1 pc
- 4. Filling Hose..... 1 pc
- 5. Siphon Hose..... 1 pc
- 6. Lift Up Handle 1 pair
- 7. User Manual 1 pc



CONGRATULATIONS

with your new Smart Bio-Ethanol Burner from Le Feu Fires

Thank you for choosing Le Feu Fires. We hope your new fireplace will contribute to many pleasant moments.

Before you get started, it is important that you read and understand the entire user manual.

Le Feu Fires continuously work to ensure the highest product quality. We want to make sure that you have a safe and secure experience at all times.

If you have any questions regarding the product after reading this user manual, please contact your local dealer, distributor or Le Feu technical support.

This fireplace burns bio-ethanol, which is extremely dangerous if used incorrectly. To avoid any accidents, make sure to handle the fuel as described in this user manual.

READ THIS MANUAL BEFORE USE !

We hope, you will enjoy your new fireplace.

Best Regards



Søren Lauritsen - CEO & Designer

1. REQUIRED READING BEFORE USE



Before filling your burner, it is important that you follow the step-by-step guide on the next two pages.

DO NOT PRESS THE POWER BUTTON MORE THAN INSTRUCTED

- Press the power button once: Initiates the burner itself – not the flames.
- Within 10 seconds press the power button second time: Initiates the pilot and bioethanol flow.

NEVER PRESS THE POWER BUTTON A THIRD TIME

- During the initial use, you will notice the pilot become red and bioethanol begin to drip into the combustion tray. Bioethanol will continue to flow for approximately 2 minutes while the burner is starting up. During this time **DO NOT PRESS THE POWER BUTTON.**



Please note: The burner is equipped with a 10-minutes safety feature: Power and arrow buttons are flashing for 1 minute and you'll experience non-response until temperature reach safe level. Once the burner is powered off, you must wait 10 minutes prior to restart.

WARNING

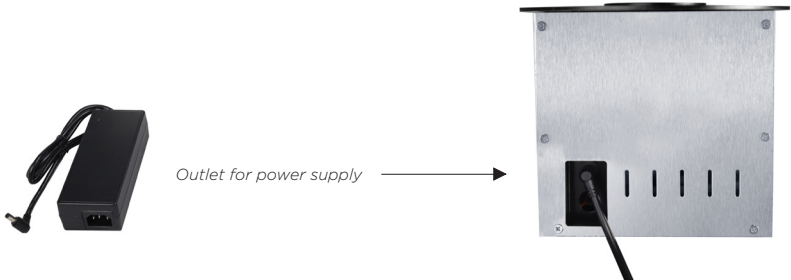
- Never refill the burner when the fireplace is operating or still hot.
- Never pour bioethanol into a burning flame.
- Allow the burner to cool down for at least 30 minutes before refilling.
- This burner is designed for indoor use only.

2. BIO-ETHANOL INFORMATION

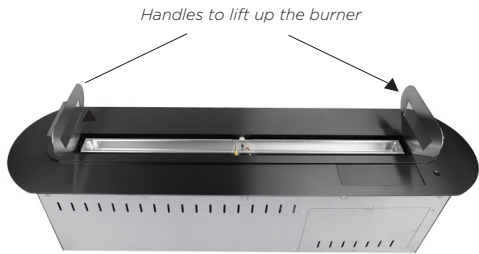
- **USE ONLY APPROVED BIO-ETHANOL LIQUID FUEL (Purity: 95% or above) FOR INDOOR FIREPLACES.**
- Observe all instructions from the manufacturer of the bioethanol.
- Always wash hands after handling and using bioethanol.
- Always keep bioethanol out of the reach of children, at room temperature and away from direct sunlight.
- Do not store the bioethanol near heat sources.
- Do not store the bioethanol near open fire.
- Bioethanol should always be used with care and caution.
- Bioethanol is extremely flammable, therefore show responsibility and follow applicable advice and legislation.
- Bioethanol causes severe eye irritation. In case of contact with eyes, carefully rinse with water for several minutes. If you have contact lenses, remove them. Contact your doctor and bring the packaging.
- **DO NOT** ingest bioethanol. If this happens, contact a doctor immediately and bring the packaging.

3. CONNECT & INSTALL

- Be sure to remove all packaging: Cardboard, white cloth-like material in burner etc.
- Choose a location 120 cm away from flammable objects (drapes, fabrics, furniture, etc.)
- Plug in the **Le Feu Smart Bio Ethanol Burner** by connecting the adapter to the burner (socket located on the burner's right side facing front) and an electrical outlet.

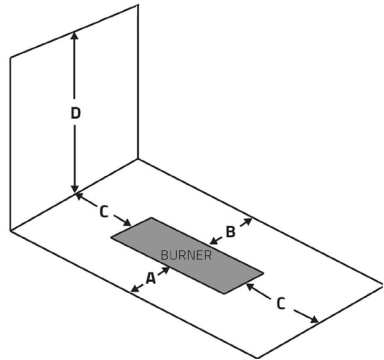


- Install the burner into the non-combustible firebox that you've specified for installation.
- Use the two handles to lift burner when fitting into the firebox. Please make sure to remove the handles before starting the device. Store the handles for future usage.



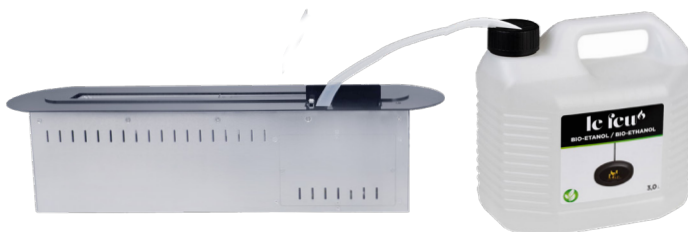
- The Smart Burner can be fitted into a firebox that has minimum clearances as outlined below.
- Custom made fireboxes must be made of a non-combustible material.
- Electrical outlet should be located easily accessible and close to the device.

Front Clearance (A)	4 inch / 10 cm
Rear Clearance (B)	4 inch / 10 cm
Side Clearance (C)	4 inch / 10 cm
Overhead Clearance (D)	24 inch / 61 cm
Nearest combustible Radius	24 inch / 61 cm



4. AUTOMATIC FILLING

- Make sure the burner is electricity connected.
- Make sure burner is leveled before processing.
- Press the hatch located on the front right-hand side as you face the burner.
- Insert one end of the fuel hose into the fuel tank nipple.
- Insert the opposite end into the bottle of bioethanol fireplace fuel.
- Press button illuminated in blue, located below the nipple.
- When completed, filling automatically stops.
- If you want to fill a smaller amount of bioethanol for testing the device. Please refer to the burner's minimum trigger level.
- Carefully remove the hose from both the nipple and the bottle. Wipe of any fuel spillage.
- Press power button TWICE within 10 seconds to ignite burner.
- Close the hatch.



5. REMOTE CONTROL

- Open the removable panel on the back of the remote control.
- Place Lithium Cell CR2032 3V (NOT INCLUDED) battery inside. Ensure that the positive (+) is facing upward.
- Ensure that the stainless steel ground is ON TOP of the battery.
- Close removable panel.



Lithium Cell CR2032 3V

6. ADJUSTING THE FLAME SIZE

- Once the flames reach the entire length of the combustion tray, you can adjust the flame intensity at your discretion.
- Press arrow UP or DOWN on burner casing, in App or on remote control.
- In start-up/factory setting the device operates at level 3.



Please note changed intensity affect the bioethanol consumption directly.

7. EXTINGUISHING THE FLAME

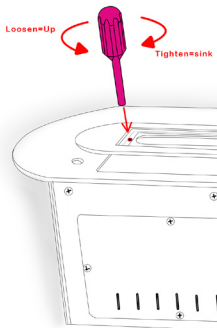
- To extinguish the flame. Press the power button on the burner casing or remote control ONCE.
- When power button has been pressed, the pump will stop pumping fuel into the combustion tray.
- Green power button and arrows will be illuminated to confirm the burner is powered off.
- The remaining fuel in the combustion tray will burn. This may take a few minutes.
- Please do not try to extinguish the flame with other tools or utensils.



Please note: The burner is equipped with a 10-minutes safety feature: Power and arrow buttons are flashing for 1 minute and you'll experience non-response until temperature reach safe level. Once the burner is powered off, you must wait 10 minutes prior to restart.

8. ADJUSTING THE COMBUSTION TRAY HORIZONTALLY

To ensure even flames in the entire length of the burner, leveling is essential. Need for leveling the combustion tray is clearly indicated, if uneven burning is experienced after 10 minutes of operation. Please turn off the burner and allow it to cool down. Use a screw driver to tighten (lower) or loosen (raise) the screw, to adjust the combustion tray. See illustration for reference. Please contact your local dealer, if you have further questions regarding this.



NEVER ADJUST THE LEVEL OF THE COMBUSTION TRAY IF THE BURNER IS LIT OR STILL HOT.

9. CLEANING AND MAINTANANCE

1. The burner surface must be cleaned regularly. Use warm water and a mild detergent.
2. Check the cover of burner for warping or damage before using.
3. Marks can be removed with a soft cloth and a mixture of lukewarm water and a small amount of cleaning liquid (ph-neutral). We recommend cleaning the stainless steel items regularly.



Caution: Never use chemicals, steel-wool or scrubbing sponges to clean the fireplace. It can damage the surface.

The manufacturer cannot be held responsible for any damages due to improper use and/or cleaning of the product.

10. WARNINGS



1. Fireplace and burner gets hot while in operation. Do not touch the fireplace while burning. Please allow at least 30 minutes to cool down before touching the product after flame is extinguished.
2. Risk of burns. Do not operate the bioethanol fireplace unless correct assembled.
3. Do not pour bioethanol direct on the flames or into the burner reservoir unless it has cooled down for at least 30 minutes after use.
4. Do not place any flammable material within 120 cm proximity of the fireplace. A safety distance of at least 2 meters/80 inches should be kept from any window that can cause a draft.
5. Do not operate under overhanging objects or materials.
6. Do not smoke while handling bioethanol.
7. Protect fireplace against draft. Never fan the burner. Do not position the fireplace near combustible items.
8. Risk of Explosion
 - 8.1 Only use bioethanol specifically intended for use with indoor ventless bioethanol fireplaces
Never use gasoline.
 - 8.2 Never use the appliance in areas where flammable vapors or gas may be present.
 - 8.3 Never store or transport the bioethanol in other than the original container, alternatively a metal or plastic container that is specifically approved in accordance with the Consumer Chemicals and Containers Regulations 2001.
 - 8.4 Never store bioethanol in the living space or in the same location as the appliance.
9. Do not use the appliance to heat or boil water or use as a cooking appliance.

10. Due to high surface temperatures, keep children, clothing, and furniture in safe distance while operating.
11. Risk of Indoor Air Pollution - Use ethanol fireplace only in well-ventilated areas and with doors of adjacent room open. Do not obstruct air flow to the burner in any way or with any material.

11. DATA SHEET

Model No.	Burner Size	Flame length	Capacity	Fuel Consump- tion	Heat output	Hole size for fit burner in
Model 600	457.2 L x 193mm W x 168mm H	329mm	3 liter	0.5 L-0.6 L/H	2600W - 3300W	452.2mm L x 180mm W x 250mm H
Model 800	610mm L X 193mm W x 168mm H	482mm	5 liter	0.7-0.8 L/H	2600W - 4800W	605mm L x 180mm W x 250mm H
Model 1000	762mm L x 193mm W x 168mm H	634mm	7.5 liter	0.6-1 L/H	2600W - 6000W	757mm L x 180mm W x 250mm H
Model 1200	908mm L x 193mm W x 168mm H	780mm	8.5 liter	0.9-1.4 L/H	3300W - 8000W	903mm L x 180mm W x 250mm H

12. TROUBLESHOOTING

Warning Symbol	Cause	Solution
Arrow button flashing along with single beeps: B • B • B • B • B • B • B • B	CO ₂ concentration reaches the warning level	Let some fresh air into the room as soon as possible
Arrow button flashing along with repetitive two short beeps: BB • BB • BB • BB • BB • BB • BB	Overheating burning chamber	Leave the burner shut off and wait until the unit cools down
Arrow button flashing along with repetitive three short beeps: BBB • BBB • BBB • BBB • BBB	Overheated fuel tank	Leave the burner shut off and wait until the unit cools down
Arrow button flashing along with repetitive four short beeps: BBBB • BBBB • BBBB • BBBB	Burner is not leveled	Make adjustment to the burner level and restart unit
Arrow button flashing along with one short beep and one long beep: BB-- • BB-- • BB-- • BB--	Fuel shortage	Shut down the unit, wait until cool and refill more fuel
Arrow button flashing along with two short beeps and one long beep: BBB-- • BBB-- • BBB-- • BBB--	CO ₂ warning	Keep the room ventilated and then restart the unit if necessary
Arrow button flashing along with three short beeps and one long beep: BBBB-- • BBBB-- • BBBB-- • BBBB--	Ignition failed or fire extinguished. Burner will stop working within 30 seconds	Allow the burner to cool down and restart

13. WARRANTY

1. Our fireplaces are guaranteed 5 years of part replacement. The warranty is valid from the date of purchase.
2. Warranty will be applied on presentation of a dated cash receipt or invoice and is strictly limited to factory service repair of the piece(s) that are found to be defective.
3. Installation costs will not be reimbursed in any case of damages for any reason whatsoever.
4. The manufacturer will not be held responsible for any incidental or consequential defects on goods or individuals.
5. The warranty will not be applied if devices have been subjected to abnormal use or if used under other conditions of use than the ones they were intended for.
6. The warranty will not apply in case of deterioration or accident due to negligence, damages caused by failing to maintain and service the device or resulting from an alteration of material.

The manufacturer guarantees the product, with the exception of the following parts, which are subject to normal wear and tear, for 2 years from the date of purchase, as stated in: Proof of document (invoice and/or receipt) stating the seller's name and the date of sale.

In order for the warranty to be valid and cover, the installation must be carried out in accordance with the installation instructions.

It is recommended to perform a functional test of the product before using it. Installations that do not comply with the applicable regulations will void the warranty, as will unintendedly use and failure to perform the manufacturer's intended maintenance.

The warranty is valid provided that the instructions and warnings in the operating and maintenance manual accompanying the fireplace are observed to be used in the most correct way.
Replacing the entire fireplace or repairing part of it does not extend the original warranty period..

The warranty covers free replacement or repair of parts found defective due to manufacturing defects.
To exercise the warranty in the event of a defect, the buyer must present the purchase invoice and present it to the service center.

Complaints are made through the dealer from whom the fireplace is purchased.

All defects and/or damages to the fireplace due to the following reasons are excluded from this warranty:

- All parts that are defect due to negligent or careless use, improper maintenance, installation that are not in accordance with the manufacturer's instructions (always consult the installation and use manual supplied with the fireplace).
- Incorrect sizing in relation to usage or installation failure, ie. failure to implement the necessary precautions to perform the installation following instructions in the manual.
- Inappropriate overheating of the product, ie. use of fuels that do not conform to the types and quantities specified in the accompanying manual.
- Additional damage caused by incorrect user intervention in an attempt to rectify the original error.
- Aggravation of the damage caused by the user's continued use of the fireplace after the defect has occurred.
- Damage caused by manipulation of the fireplace, weather conditions, natural disasters, vandalism, lightning or fire.
- Lack of cleaning. Use of unoriginal fuel. Using the wrong tools.

The following are also excluded from this warranty:

- Parts subject to normal wear and tear.
- The manufacturer disclaims any responsibility for any direct or indirect damage to persons, animals or objects caused by non-compliance with the instructions contained in the instructions for use, in particular the instructions regarding installation, use and maintenance of the fireplace.

READY TO USE

You are now ready to turn on your bioethanol fireplace and enjoy the coziness.

If you have any questions about the product or are missing information, please contact your local dealer or Le Feu Customer Support at info@lefeufires.com

Remember that safety is the first priority and therefore the product must be used with care and respect.
Refer to this manual to avoid personal injury.

On www.lefeufires.com you'll always find the latest updated versions of manuals and brochures with relevant information.



WWW.LEFEUFIRES.COM