

THIS MANUAL IS PART OF THE DEVICE

Important tips for installing the Etronic automatic burner

Ensuring safety thanks to built-in sensors



INFIRE's strict rules: ensuring security and integrity

1. The burner can be installed in a room with a minimum area of 30 m2.
2. Do not place any objects on the burner or fireplace as these elements become very hot and may damage the fireplace casing.
3. Etronic fireplaces are decorative and not heating devices, they should not be used for heating purposes.
4. Do not leave small children or animals unattended near the appliance when it is in operation.
5. Do not store flammable materials closer than 3 m from the fireplace.
6. Do not smoke near fuel
7. Use the fireplace only in rooms with efficient ventilation.
8. Only 5L of fuel can be stored in one room.
9. In the event of a fire, suitable extinguishing agents include: CO2 extinguishers, dust extinguishers, powder extinguishers.
10. Comply with local laws.
11. Do not start the device if the room temperature is below 17 degrees Celsius or if the burner/fuel is cold.
12. The design of the device should not be changed or modified.
13. Use of spare parts only under the manufacturer's control
14. The minimum distance from flammable materials is 1m.
15. It is recommended to use INFIRE fuel in the burner
16. Using several devices at the same time is only allowed if the total power does not exceed 4.5 kW/h
17. Any leaks must be repaired before starting the device.
18. Not suitable for continuous operation
19. Don't leave the fire unattended
20. Do not use the fireplace in a place where the fire will be exposed to drafts.
21. Do not move the device while it is in operation.
22. Use only biofuel with a maximum alcohol concentration of 96.6%

Safety first! Only activate the burner after it has been properly installed. Using a burner that hasn't been installed can lock up the system, as safety sensors will disable the entire intelligent system to prevent hazards. Remember, proper installation is crucial to maintaining the high safety standards for which our burners are renowned. Stay safe and use wisely!

To ensure the longevity and proper operation of our burners, it is extremely important that they are not opened by the user under any circumstances. Our burners are equipped with a system that permanently locks the device and prevents its use if tampering is detected. This safety feature is designed to prevent potential hazards, maintain product integrity, and ensure the safety of all users.

We understand that there may be occasions when your burner appears to be malfunctioning or requires maintenance. In such cases, we encourage you to contact our support team. Our specialists are trained to resolve any issues quickly and efficiently, minimizing disruption to your product experience.

Please note that tampering with the burner will void your warranty and impair operation, so always contact us for assistance. Together, we can keep your flame bright and safe.

ATTENTION: Carefully read and follow the **ERTONIC** operating instructions. This not only ensures optimal burner operation, but is also a requirement for the warranty. Please note that failure to follow these instructions will void any defects or damage resulting from misuse or incorrect installation. Therefore, it is very important to follow these instructions carefully and retain them for future reference.

Thanks to the innovative touchscreen, you can easily operate and monitor the burner. The screen not only allows you to adjust the flame height but also provides insight into important environmental factors such as humidity levels and room temperature. Furthermore, you can instantly see how much bioethanol is left in the tank.

Equipped with built-in carbon monoxide (SO₂) sensors and an external SO₂ monitor for the living room, the ERTONIC ensures a safe and comfortable environment. These sensors detect potential hazards and automatically shut off the burner in the event of a problem, ensuring 100% safety.

Design and safety in one

The **ETRONIC** is designed to perfectly complement any interior. The burner is equipped with a closed, cooled tank that safely stores and manages fuel. When the device is turned on, the fuel is automatically pumped into the sediment tank and converted into vapor in the vaporization accelerator. This eliminates direct contact with the fuel, further enhancing safety.

Experience the perfect blend of style, safety, and innovation with **ETRONIC**. Add a touch of luxury to your interior and enjoy a safe, advanced burning experience that sets the standard for modern fireplaces.



7 Essential Security Sensors: Ensuring a Safe Environment Anytime, Anywhere

7 safety sensors:**

1. CO2 sensor
2. Temperature sensor
3. Impact sensor
4. Seismic sensor
5. Overfill sensor
6. Fuel level sensor
7. Fuel system safety sensor

Explanation of how to use accessories

Important information

When using a bioethanol burner, please follow these guidelines:

1. Never refill bioethanol if its temperature and the temperature of the fireplace are below 17 degrees Celsius. If the bioethanol is too cold, the intelligent system will detect this and the entire burner will be blocked.
2. Never lift the burner once it is installed in its proper position. If this happens, the intelligent system will completely lock the burner.
3. Do not use the burner if the temperature in the room where it is installed and the temperature of the fireplace are below 17 degrees Celsius. The intelligent system will then also completely block the burner.
4. After filling, try using an external automatic pump to draw the remaining bioethanol back into the canister. If any remaining bioethanol has leaked out at the filling point, the burner may also become completely blocked.
5. If the burner becomes blocked, do not attempt to restart it for two days and disconnect the power. After this time, the burner will be safe to use again.

The above precautions are intended to ensure safe and effective use of the bioethanol burner.

Lifting a Burner Safely: A Quick Guide

When lifting the burner, it's crucial to use the two designated handles to lift it safely. These handles are specifically designed to prevent damage to the unit. Always hold the handles firmly and support the torch with both hands.



A bioethanol burner is simple to use. However, filling the burner can sometimes seem tedious. Fortunately, an external automatic pump makes the process quick and easy. Here's a simple guide to ensure smooth filling every time.

First, connect the external automatic pump to the burner plug and turn on the power. This step ensures the pump is ready to operate. Next, insert the hose into the bioethanol canister. Press the button to begin the filling process. The ease of use of this system is that the automatic pump stops when the burner tank is full, preventing it from overflowing.

If you need to stop the filling process, stop the pump by pressing the same button. Then, turn off the pump power and press the lock to safely disconnect the external pump. This step is crucial to prevent leaks or spills.

Now your burner is filled and ready to use. Simply turn it on and enjoy the ambiance it provides. This method not only saves time but also ensures a cleaner and safer filling process. Remember to close the filling door before turning on the burner—otherwise, the burner won't ignite. Enjoy the fire!

The important role of USB memory in burner maintenance

The device is equipped with a USB flash drive that allows us to troubleshoot issues remotely. Without a USB flash drive, we can't provide comprehensive support. Therefore, it's crucial that you store your USB flash drive safely. This will allow us to provide you with our expertise quickly and efficiently if a problem arises in the future. Remember, protecting your USB flash drive today can protect you from potential problems tomorrow, making it an essential tool for burner maintenance.

How to use your ETRONIC fireplace safely and efficiently

Our fireplace can transform your living space into a cozy oasis. If you haven't used an ETRONIC fireplace before, operation may seem a bit complicated. Here's a simplified guide to help you get started.

To begin, press the start button, which will begin the burner safety check process.

The ETRONIC system will now go through basic safety checks, a process that takes approximately 2 to 5 minutes. During this time, the system checks that all components are functional. When everything is OK, the burner will automatically ignite and the igniter (glow plug) will illuminate. This indicates that the heating process has begun.

It takes about 10 minutes for the burner to fully heat up. Once the igniter (glow plug) extinguishes, the fireplace is ready for use. You can now control the flame intensity using the remote control or the buttons. Holding down the + and – buttons adjusts the flame height, helping you manage your heating efficiently.

Enjoy a smartly controlled fireplace that will make your days brighter and cozier!

When you see the igniter (glow plug) glow, it means the bioethanol is evaporating, and the first flames will soon appear. The burner heats up to the ideal temperature to ensure a steady and safe flame. Once the appropriate temperature is reached, the igniter automatically shuts off.



Once the burner is hot and the igniter is off, you can control the flames in two ways: directly via the intuitive touchscreen or with the remote control. These versatile options always make it easy to create the perfect atmosphere.

Important ETRONIC operating instructions

Make sure the ETRONIC control panel is always closed when the burner is in use. The panel is equipped with a hidden touchscreen that must be protected from excessive heat.

Why does the control panel need to be closed?

Overheating protection: If the control panel is open while the burner is operating, the heat can damage the touchscreen. This can lead to burn-in. Do not use the Etronic fireplace without the glass panels installed.

Auto Power Off: If the touchscreen becomes blurry due to overheating, the built-in sensor will automatically turn off the touchscreen to prevent further damage.

Warranty policy

Please note that damage to the touchscreen caused by leaving the control panel open is not covered by the manufacturer's warranty. Therefore, it is extremely important to always close the panel before turning on the burner and to use a fireplace with glass panels.

Summary

Close the control panel by pressing the flap before turning on the burner. This will prevent damage to the touchscreen and ensure safe operation of the ETRONIC.

By following these instructions, you can be sure that your burner will serve you for a long time and that you will use it safely and enjoyably.



ETRONIC cooling process

When you turn off the ETRONIC burner, or when it automatically shuts down due to an empty bioethanol tank, a crucial cooling process begins. This process is essential to ensure the burner's safety and durability.

The importance of the cooling process

The cooling process takes approximately 30 minutes. During this time, all components cool slowly and safely. It is important that this process completes completely to maintain the integrity of the burner and prevent potential damage or accidents.

Steps to follow

- 1. Automatic Shut-Off:** When the burner detects that the bioethanol tank is empty, it automatically shuts off. This is a safety measure to prevent overheating or other problems.
- 2. Follow the cooling process:** Do not touch the burner until the cooling process is complete. Avoid opening the appliance or touching the burner for 30 minutes.
- 3. Check the device status:** Once it has cooled down, you can check the burner status via the touchscreen to make sure everything is working properly.

Safety while cooling

Safety is always a priority. That's why the Etronic is equipped with a special sensor that prevents refilling with bioethanol while the burner is still cooling. This sensor automatically blocks fuel refilling until the burner has completely cooled. This minimizes the risk of accidents or dangerous situations.

By following this procedure you can be sure that your ETRONIC burner is operating optimally and is safe to use.



Bioethanol Burner Installation Instructions

Installing a bioethanol burner yourself is easy if you follow the instructions carefully. Follow the steps below to ensure the burner is installed correctly and safe to use.

Step 1: Preparation and planning

1. Choose the right burner: Make sure you choose a bioethanol burner that's suitable for the location you plan to install it in. Read all specifications and restrictions before installation.
2. Read the manual: Read the manufacturer's manual for specific requirements and recommendations for your burner.

Step 2: Building the Frame

1. First Frame: Start by creating a frame to house the device. Make sure the frame is sturdy and properly supports the burner.
2. Support Frame: Build a support frame to ensure the burner doesn't float and stays in place. This frame must fit snugly and leave no space between the burner and the first frame.

Step 3: Dimensions and space requirements

1. Choose the room where the fireplace will be used. The room where the fireplace will be used should have an area of at least 30 m².
2. When using the fireplace indoors, the window should be open.
3. The room in which you use the fireplace should always be well ventilated, as its operation absorbs oxygen from the air. Do not install the fireplace in a place where it will be exposed to drafts!
4. The minimum distance from the wall is 50 cm and the wall should not be covered with wallpaper or other flammable material.
5. Place the steel tank (burner) in the included frame (inside) and then in the prepared hole, allowing the frame to hang on its edges. Mount the burner so that the screen/buttons are on the outside.
6. Insert the glass into the holders and gently tighten from the back using an Allen key.
7. Do not place any objects on or inside the fireplace.
8. Do not place any flammable materials at least 3m away from the device.
9. Convection air gaps should not be covered.

Help and questions

If you have any questions about installing your burner or selecting the right materials, please contact us. We're ready to help ensure a smooth and safe installation.

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InFire is not liable for any damage resulting from incorrect installation of the fireplace.

Important tips for installing automatic bioethanol burners

When installing automatic bioethanol burners, it's important to use materials that can withstand higher temperatures. The top of the burner housing can reach temperatures of up to 80 degrees Celsius. This means that some materials, such as standard plasterboard, are unsuitable for direct installation. We recommend using only fire-resistant plasterboard; flames can reach heights of up to 50 cm. The recess height is at least 60 cm for high-temperature-resistant materials. For sensitive materials, it must be at least 2 meters.

NOTE: Minimum safety dimensions

Minimum dimensions and guidelines must be strictly adhered to to ensure safe and efficient operation of your fireplace. Safety measures are crucial not only to protecting your home but also to maintaining a cozy atmosphere. Ensure your fireplace installation fully complies with recommended specifications for optimal safety and durability.

Correct glass installation for optimal flame

- 1. Draft Protection:** Many rooms experience drafts, and it's often unclear which direction they're coming from. By using glass on both sides of the fireplace (U, C, 2-side, and insert models), you prevent air currents from affecting the flames, making the flames more stable.
- 2. Touchscreen Protection:** The standard glass included with the ETRONIC model protects the touchscreen. This ensures the touchscreen doesn't become too hot during use, which is essential for maintaining the functionality and longevity of the device.

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