

Bio Ethanol Fireplace

User Manual & Safety Instruction



**Please read all instructions carefully and
Retain for future reference**

Model name	FD97 90CM	FD97 120CM	FD97 140CM
Size of burner opening (mm)	180*23	180*23	180*23
Intended fuel	95% C ₂ H ₅ OH		
Maximum single burner volume	1000ml	1000ml	1000ml
Total fuel capacity of the appliance	2000ml	3000ml	3000ml
Stated output (kW)	About 4.0	About 6.0	About 6.0
Appliance type	Fix Fireplace		
Burn out time (h)	About 3	About 3	About 3
Suggested minimum room volume (m ³)	78	135	135
Weight (kg)	11.4	15.4	16.8
Manufacturer	Jinhua Sunyoung Technology Co.,Ltd		

IMPORTANT SAFETY INFORMATION!



WARNING



- **Read all instructions before using the fireplace!**

Non-compliance with the safety rules can cause serious burns, or even a fire!

- **Important:** The bio ethanol fireplace is to be used for decorative purposes and not as a heater.
- **Prior to use,** The fireplace shall be installed in accordance with the requirements in section "Installation and Assembly".
- This fireplace is not intended to be operated continuously.
- Do not use the fireplace unsupervised.
- The installation and use of the fireplace in public assembly buildings is subject to compliance with the regulations and with the authorization and inspection procedure by the competent authorities.

It is prohibited:

- To use the fireplace inside caravans, boats and all other types of vehicles, etc.
- For the user to tamper with the safety devices.



SAFETY WARNING



- **WARNING!** Never re-fill a hot or warm fireplace. Risk of explosion!
- **Caution:** This appliance emits combustion products.
- To be used in a correctly ventilated room.
- The room's ventilation outlets shall not be obstructed and / or the dwelling's ventilation systems shall not be impeded.
- Do not move the fireplace when in operation.
- The use of the fireplace as a multi-burner or open fire for liquid or solid combustible materials is not permitted.
- Do not smoke while re-filling or lighting the burner. Risk of explosion!
- The flames should never directly touch the inside of the metal insert.
- Avoid physical contact with the bio ethanol.
- It is prohibited for children, people under the influence of alcohol, drugs or medications, or people who are physically or mentally not in good condition, to use the fireplace.
- Keep children and pets at a safe distance.
- Be careful with inflammable clothes or hair. Do not blow into the fire.
- Never leave the fire unattended.

- Do not cover the fireplace. Do not place any flammable materials or clothing on the fireplace.
- Do not use any petrol products: spirits, essence, etc.
- Do not use the fireplace in non-ventilated rooms. People with breathing problems need to be advised by their doctors before use.
- We do not recommend placing the fireplace in a bedroom or a bathroom. If you wish to use the fireplace in a small room (**less than 20sqm / 220 sqf**), the doors should stay open or keep a window open, the ventilation of the room will be required.
- Do not stock the bio ethanol nearby the bio fireplace.
- Do not use the fireplace to cook food, to heat water or to grill meat.
- Do not use the fireplace if flammable gas is in the room.

Before using the bio fireplace

- The bio fireplace is meant for indoor use.
- We recommend that you place a fire extinguisher nearby your fireplace.
- The bio fireplace is not suitable for heating purposes.
- In case of burning injuries, immediately call your doctor / physician or hospital for a treatment.
- Do not apply any treatment on burned skin by yourself.

WARNING

- The bio fireplace should be installed on a flat surface.
- The bio fireplace must not be ignited in a hot place.
- Ensure that flammable products and materials (curtains, furniture etc.) are at least 1m / 40" from the fireplace.



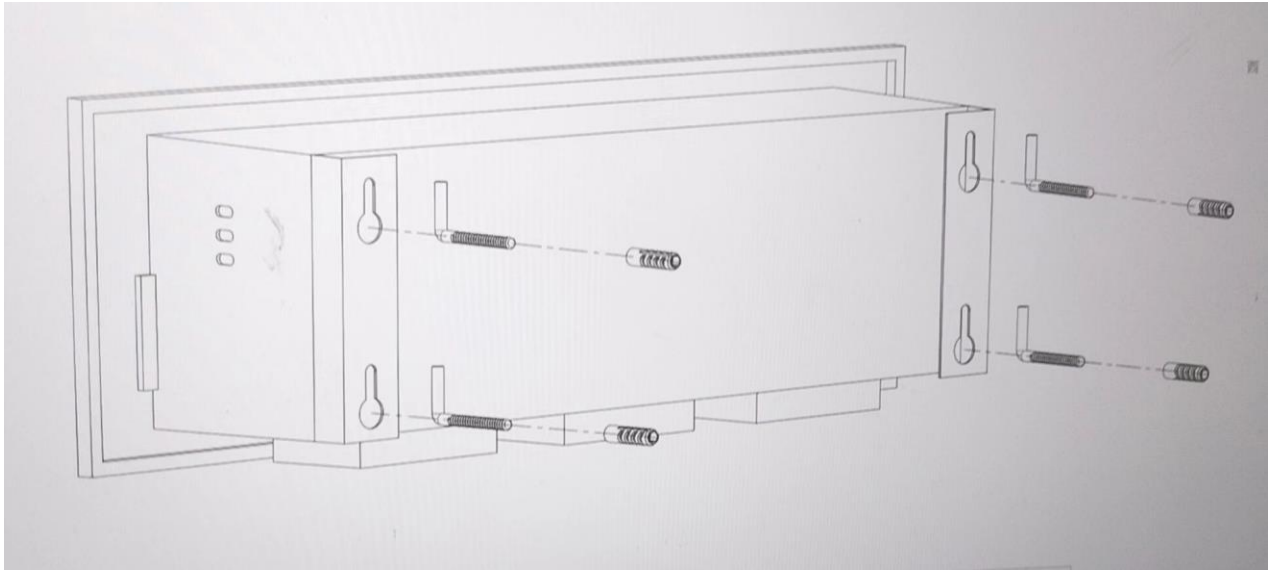
FUEL WARNING



- The fuel used shall be 95% minimum denatured, non-regenerated liquid ethanol, or 95% minimum denatured, non-regenerated ethanol gel.
- The use of fuels other than or those recommended by the manufacturer is prohibited.
- The addition by the user of any additives (essential oils, fragrances, etc) to the fuel is prohibited.
- During filling, air the room, do not smoke, switch off mobile phones.
- Do not use a manual or electric pump directly to fill up the tank.
- The tank shall be filled while the appliance is switched off (fire safety).
- Comply with the conditions in force for fuel storage (examples: health regulation, co-ownership regulation).
- It is recommended not to store the fuel in containers which are not equipped with child-proof caps compliance with EN ISO 8317.

Installation and Assembly

- The fireplace must only be installed on a solid surface of non-flammable material.
- Please remove all packaging and Information material before assembly.
- Please make sure to use a rawl plug that suits the walls construction. For wall mounted unites, There should NOT be any electrical cables and outlets located behind your fireplace.



Starting up

Filling the burner box or cylindrical burners:

- Fill the burners with the fuel up to the maximum of 2/3 of each burner.
- Spilled alcohol must be removed with an absorbent tissue and cleaned with water to prevent ignition outside the burner reservoir.
- **CAUTION:** Spilled alcohol may lead to matt stains on parquet or equal flooring.
- **ATTENTION:** The fuel should be stored at room temperature to facilitate its ignition.
- **CAUTION:** Fuel must be stored in safe place (min. 1m / 40 inch) to the fireplace.
- Do not place fuel in front of the fireplace.
- In case the flame does not ignite, please repeat the ignition process until the flame burns steadily.
- Fuel will burn low at first. Please allow 15 minutes to reach the optimum temperature and flame height.
- Ignite the fire form a horizontal minimum distance is 200mm.



REFILL WARNING



Refill:

- Check carefully if there is no longer any fire on the surface. Fire have to be fully extinguished.
- **WARNING!** NEVER FILL A BURNING BURNER! Wait at least 20 minutes for the burner to cool down.
- For further instructions see: "Starting Up / Filling".

EXTINGUISH

- Please use the extinguisher tool provided in the kit. Never blow out the flame in order to put it out, this will only increase the flame.
- **CAUTION:** Never extinguish the flame with water!
- Let the fuel burn out completely if possible. This prevents alcohol left in the reservoir and deflagration when reigniting.
- If you wish to extinguish the flame before the fuel has completely burned out. Please use the extinguisher tool to fully close the opening of the fuel can, and wait until the flame is extinguished.
- Wait approximately 30 minutes until the burner has reached room temperature. Only then dispose remaining fuel.
- In case when the flame is not extinguished immediately, close the cover and wait approximately 10-15 minutes to allow the flame to cool down. Repeat the above instructions until the flame is fully extinguished.

MAINTENANCE AND CLEANING INSTRUCTIONS

- You can use a wet cloth to clean the internal surface of a fireplace. The burner can change color because of the heat. The stainless steel will have another appearance after a while, This is normal. A regular maintenance will keep its color. Do not clean with water or put in a dishwasher. Go across the slot and the surface of the burner with a little bit of bio ethanol on a paper towel.
- **CAUTION:** Never use chemicals, steel wool or scrubbing sponges either. These can scratch the surface. The manufacturer cannot be held responsible for any damages resulting out of false use and / or cleaning of the product.
- Repair, replacement of major parts and work on safety elements shall only be carried out by approved specialists (recognized by the manufacturer or importer). The facts that some components (single part or set of parts that make up a specific element) are essential to product safety and are likely to alter performance.

- During maintenance or repair operations, if any, only original components recognized as equivalent shall be used.
- Check the fireplace periodically, especially in winter, keep the ethanol burners empty when not use.

WARNING LABELS



Do not fill fuel into the open flame



Do not fill fuel into the hot burner



Do not position the fireplace near combustible items



Never fan the fire



Do not touch the flames



Adhere to instructions about fuel. ISO 7010-F016, Fire blanket



ISO 7010-P002, No smoking



Keep suitable extinguishing agent ready



ISO 7010-W021, Warning: Flammable material

IMPORTER INFORMATION



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