KORFLAME
FIREPLACE & OUTDOOR KITCHEN

USER MANUAL

Gas fireplaces and burners

Safety, gas connection, use and maintenance for the Gassoso freestanding LPG fire and the round and rectangular LPG burners for fire pits and fire tables.



1 Safety instructions

Use only outdoors.

These appliances are designed for outdoor use. Do not use them indoors, in a closed or partly closed space such as a basement, garage, tent or conservatory, or in vehicles, caravans or boats.

Who may use the appliance

- Read this manual before use. People who have not read it or who do not understand the hazards must not use the appliance.
- Keep children and pets away. The flame, the lava stone and the body get very hot and stay hot after switching off.
- Never leave the appliance unattended while it is burning.
- Do not use the appliance under the influence of alcohol or medication that affects your attention.

Location

- Place the appliance on a firm, level, non-combustible surface where it cannot tip over.
- Keep it away from anything that can catch fire: plants, awnings, parasols, cushions, curtains and furniture. Never place it under a roof, parasol or tree branches.
- Do not use it in strong wind.
- Keep petrol, aerosols and other flammable materials away from the appliance.
- Do not use the appliance for cooking, drying clothes or heating objects. Do not sit or put anything on it.

If you smell gas

Close the gas cylinder valve immediately. Put out every flame and do not operate electrical switches. Move away from the appliance and do not use it again until the leak has been found and repaired. If the smell continues, call the fire brigade or your gas supplier.

2 Gas supply and connection

The appliances burn **LPG** (liquefied petroleum gas: butane, propane or a mixture). The gas category, gas type, supply pressure and nominal heat input of your appliance are given on its **rating plate**. Use the appliance only with the gas and pressure shown there.

Gassoso	
Fuel	LPG
Gas pressure	29 mbar
Heat output	6–10 kW
Burner	20 × 20 cm
Dimensions	153 × 40 × 40 cm

Cylinder, regulator and hose

- Use a pressure regulator suitable for the gas and the pressure on the rating plate (Gassoso: 29 mbar) and for your cylinder valve. Never connect the appliance to a cylinder without a regulator.
- Use a hose approved for LPG in your country. Fix it with suitable clamps. It must not be twisted, kinked, stretched or touch hot parts.
- Check the hose regularly. Replace it if it is cracked, hardened or damaged, and when the date printed on it has passed or national regulations require it.
- Change the cylinder outdoors, away from flames, sparks and other people. Make sure all appliance valves and the cylinder valve are closed first.
- Keep the cylinder upright. Gassoso holds the cylinder inside its body: the cylinder must fit without forcing the hose.
- Do not modify the appliance, the burner, the regulator or the gas parts.

3 Leak test and use

Leak test

Test for leaks after every cylinder change, after any work on the gas parts and at the start of each season.

1. Make sure there is no flame or source of ignition nearby, and that the appliance's gas control is closed.
2. Open the cylinder valve.
3. Brush soapy water onto every connection: cylinder valve, regulator, both ends of the hose and the appliance inlet.
4. Bubbles mean a leak. Close the cylinder valve, tighten or replace the part and test again. Do not use the appliance until there are no bubbles.

> ⚠ **Never test for leaks with a flame.**
> Use only soapy water or a leak-detection spray made for gas.

Before lighting

- Check that the burner openings are not blocked by insects, dirt or spider webs.
- Spread the lava stone evenly over the burner. Use it dry; wet stone can crack and spit when heated. Do not pile it up or replace it with other materials.

Lighting and switching off

1. Open the cylinder valve.
2. Light the burner using the gas control as marked on the appliance. Keep your face and hands away from the burner while lighting.
3. If the burner does not light, close the gas control, wait at least 5 minutes for the gas to disperse, then try again.
4. To switch off, close the gas control, then close the cylinder valve.
5. Let the appliance cool down completely before covering, moving or storing it.

- If the flame goes out while burning, close the gas control and wait at least 5 minutes before relighting.
- Do not move Gassoso while it is burning. Move it on its castors only when it is switched off and cool, with the cylinder valve closed.
- A yellow, smoky or lifting flame is not normal; switch the appliance off and see the troubleshooting section.

4 Built-in burners for fire pits and fire tables

The round and rectangular LPG burners are built into a fire pit or fire table. The complete fire pit or fire table must meet the gas regulations of the country where it is used.

- Have the burner installed and connected by a qualified gas installer, in line with local regulations. Do not install it yourself.
- Build the burner into an enclosure made of non-combustible materials such as stone, concrete, ceramic or metal.
- LPG is heavier than air and collects at low points. The enclosure must have permanent ventilation openings near the bottom so that leaking gas can escape. Never close them.
- Keep the cylinder, regulator and hose outside the hot area and protected from heat and rain. The cylinder valve must be easy to reach.
- Cover the burner only with dry, non-combustible fill made for gas burners, such as lava stone. Do not use ordinary stones, sand or gravel.
- Use the burner in the open air only, under the same safety instructions as the other appliances in this manual.

5 Care, storage and troubleshooting

Care and storage

- Clean the appliance only when it is cold and the cylinder valve is closed. Use a soft damp cloth; do not use abrasive cleaners or solvents.
- Keep the burner openings clean. Do not push objects into them and do not pour water onto a hot burner.
- When not in use, close the cylinder valve and protect the appliance from rain.
- Store LPG cylinders outdoors in a well-ventilated place, upright, away from heat and sunlight and out of reach of children. Never store cylinders in a basement or below ground level.
- If the appliance is stored indoors, disconnect the cylinder and leave it outside.
- Have the gas parts checked by a qualified person once a year, and after any damage.

Troubleshooting

Problem	Possible cause	Solution
Burner does not light	Cylinder empty or valve closed	Open the valve or change the cylinder; test for leaks
Burner does not light	Air in the hose after a cylinder change	Hold the gas control open a little longer while lighting
Flame goes out	Strong wind or low gas level	Use the appliance in a sheltered place; change the cylinder
Weak or uneven flame	Burner openings blocked, lava stone piled up	Switch off, let cool, clean the openings, spread the stone evenly
Yellow, smoky flame	Blocked burner or wrong regulator	Switch off and have the appliance checked
Smell of gas	Leaking connection	Close the cylinder valve and follow "If you smell gas"

If the problem continues, stop using the appliance and contact your dealer.