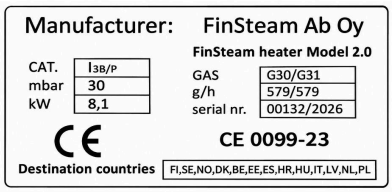
FinSteam Gas Sauna Heater – From Unpacking to Your First Sauna

1. Unpack and inspect

Carefully unpack the heater and accessories. Check that the delivery matches your order and that the burner unit, chimney, stone cage and other parts are undamaged. Remove all packaging, protective films and packaging residue. Check inside and underneath the heater. **Do not use a damaged heater.**

2. Read the manual and check the gas supply

Read the installation and operating manual before assembly or connection. Check the approved gas type and pressure on the heater's type plate:



- **I3B/P30:** butane, propane or their mixtures, **30 mbar**.
- **I3P37:** propane, **37 mbar**.
- **G30:** Butane
- **G31:** Propane

The gas and regulator must match the type plate. **Never use a high-pressure regulator.**

3. Prepare the installation location

Place the heater on a level, stable surface capable of supporting the heater, stones and accessories. Use a non-combustible protective base as specified in the installation manual. **This is mandatory on wooden or other combustible floors, and on floors with waterproofing underneath.**

Maintain these clearances:

- **150 mm** from the stone cage to combustible materials at the front, rear and sides.
- **1,000 mm** vertically from the highest point of the chimney cap to combustible ceiling materials.
- With **NJORD Heat Shield**, follow its installation instructions and maintain at least **50 mm** between its wall-facing outer surface and combustible materials.

Keep the controls accessible and protected from being stepped on.

4. Check ventilation

The sauna must have natural ventilation providing:

- **Air inlet:** at least **350 cm² net free area**, close to the heater.
- **Exhaust:** at least **250 cm² net free area**, high in the opposite corner.
- **Vertical separation:** at least **1,500 mm between opening centres**. Greater separation is recommended.

Air must enter directly from outdoors and discharge directly outdoors. Account for restrictions caused by grilles, mesh and ventilation hatches. An unobstructed door gap may contribute to the inlet area only if it connects directly outdoors.

Keep both vents open and unobstructed throughout heating and bathing. Do not use the heater in a mechanically ventilated sauna.

5. Assemble the heater and accessories

Keep the gas supply closed during assembly.

1. If necessary, fit the **control knob** by aligning it with the spindle and pressing it into place.
2. Connect the gas hose to the heater's hose fitting and secure it with a suitable clamp or fastening.
3. Connect the correct pressure regulator to the other end.
4. Position the chimney and stone cage on the burner unit according to their instructions.
5. Fit any **NJORD Heat Shield** and **HALO Safety Rail** before loading the stones.

Check that all parts are secure and burner air openings remain unobstructed.

6. Wash and arrange the stones

Wash new sauna stones thoroughly with clean water to remove dust and loose particles. Preferably use **5–10 cm stones**. Arrange them loosely and securely, filling the cage to its upper edge and placing stones on the chimney cap. Leave space for air to circulate between them.

Do not use the heater for sauna bathing without stones.

7. Position and connect the gas cylinder

Keep the cylinder **outside the sauna**, upright on a firm, level surface in a well-ventilated location. Protect it from tipping and excessive heat. With the gas supply closed and the heater control at **OFF**, attach the regulator according to its manufacturer's instructions.

Keep the hose away from hot surfaces, sharp edges and walkways. It must not run underneath the heater or be kinked, trapped or under tension. Follow applicable local gas regulations.

8. Test for leaks

Keep the heater control at **OFF**. Open the gas supply and check every gas connection using the soap-water solution specified in the manual. Growing bubbles indicate a leak. Close the gas supply immediately. **Do not ignite the heater until the leak is repaired and all connections are confirmed leak-free.**

Never check for leaks with a flame. Repeat the test after changing the cylinder or gas connection components.

9. Light the heater

Check that the vents are open, connections are leak-free and safety clearances are clear.

1. Open the gas supply at the cylinder valve or regulator.
2. Set the control knob to **START** and press it fully down. It depresses only in the correct ignition position.
3. On first use or after changing the cylinder, hold it down for approximately **30–60 seconds** before pressing PIEZO. For subsequent starts, approximately **10–30 seconds** may be sufficient.
4. Keep holding the knob down and press **PIEZO**, repeatedly if necessary, until the pilot flame lights on the heater's right-hand side.
5. Continue holding the knob down for **10–15 seconds**, then release it.
6. If the pilot remains lit, slowly turn the knob towards **MAX** to ignite the main burner. Full output is recommended during heating.

If the pilot goes out, repeat the procedure. After several unsuccessful attempts, turn the control to OFF, close the gas supply and ventilate thoroughly. Wait **5–10 minutes** before trying again.

If you notice a strong smell of gas, stop ignition attempts. Close the gas supply valve if it is safe to do so, leave the area, avoid flames and do not operate electrical switches.

10. Complete the initial heating

Before sauna bathing, heat the assembled heater **with stones at full output for approximately 20–25 minutes**, under continuous supervision.

Preferably do this **outdoors**, on a stable, non-combustible surface with the required clearances. If performed inside the sauna, ventilate especially well and do not bathe during this initial heating. Manufacturing residues may produce temporary odours.

Afterwards, close the gas supply, turn the control to OFF and let the heater and stones cool completely. **Never touch or move a hot heater.** Before moving it indoors, disconnect the cylinder. Recheck installation and gas tightness after reconnection.

A slight residual odour may occur during the first sauna sessions. Stop use and investigate if odours are strong or persistent, or accompanied by smoke, abnormal combustion or discomfort.

11. Heat the sauna and enjoy

Check ventilation, clearances and gas connections, then light the heater as described in Step 9. Supervise heating and adjust output with the control knob. **Never control sauna temperature by closing the required vents.**

Once the sauna and stones are sufficiently hot, you can begin bathing. Add clean, preferably warm water in small amounts—approximately **one 0.2-litre ladle at a time**. Use a long-handled ladle. Never pour directly from a bucket, place your hands above the heater or throw water when someone is close to it.

Keep vents open throughout use and avoid touching hot surfaces.

12. Switch off after use

1. **Close the gas supply at the cylinder valve or regulator first.**
2. Turn the heater control knob to **OFF**.
3. Allow the heater and stones to cool completely before moving, covering or cleaning.

Always close the cylinder gas supply after use. Turning the heater control to OFF alone is not sufficient.

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