



Hot Tub Safety Guidelines

Thank you for choosing our hot tub! This manual will guide you through the safe and efficient use of your hot tub.

1. Installing the hot tub

Placement

- Select an area away from trees, branches, and buildings.
- If the hot tub is on a trailer, the base should be solid, level, and free of any slope to ensure the trailer is securely fixed and doesn't roll.
- A hot tub without a trailer must be placed on a perfectly level base, such as tiles, cobblestones, gravel, poles, or a concrete foundation.
- Plan for proper water drainage to ensure the hot tub's exterior is not constantly exposed to water.
- If using the hot tub on a flammable surface like a wooden deck or grass, place a fire-resistant sheet (metal, stone, etc.) in front of the stove hatch to protect against sparks and embers.
- Ensure a suitable electricity supply is available if there are any electrical appliances involved.

Mounting the external heater

- Heater pipes must not ascend toward the heater or be horizontal. Position the heater so the pipes ascend toward the hot tub to prevent overheating and damage.
- Ensure the front of the heater (where wood is loaded) is about 20mm lower than the back.

2. Operating the hot tub

Filling the hot tub

- Ensure the tub is clean and free from debris.
- Close all drains.
- Fill the tub using a water hose to the recommended level (~15cm below the top of the hot tub).
- If the hot tub is on a trailer, before filling it, leave about 5-7 cm of space between the trailer legs and the ground instead of fully extending the legs to allow proper settling and prevent damage.
- A wooden hot tub needs to swell to create a watertight seal before the first use.

Swelling process:

- Close the drainage hole and begin filling the hot tub, starting by sprinkling water on the walls.
- Continue filling the tub without interruption unless there is significant water leakage.
- As the hot tub fills, it may leak slightly through the wood gaps. The wood will swell and become more airtight over 2-3 days. A well-constructed hot tub should fully swell within this period.
- Once the hot tub has fully swollen, you can slightly loosen the tightening bands.

In summer, keep the hot tub filled with water to prevent the wood from shrinking and causing leaks.

Heating the water

- Do not use flammable liquids to start the fire. Only use well-dried wood, preferably hardwood, and maintain a consistent heat. **Never ignite the heater when the hot tub is empty.** The hot tub must be
- filled with water at a minimum level of 10 cm over the upper stove circulation opening. If the heater is internal (submerged), light the fire only when the water level is above the heater's upper circulation hole. Start the fire with dry birch wood chips and small wood strips on the grate; avoid
- using paper to prevent ash from entering the hot tub. Allow the water to heat and never leave the heater unattended. This may take 2-4 hours depending on the starting water temperature and the
- heater type. During the heating process, stir the water with a paddle every 30 minutes to help it reach the desired temperature more quickly. Keep the hot tub covered with a lid. 37°C - 39°C is the
- optimal temperature for enjoying hot tub treatments.

•

Emptying the hot tub

- Before draining the water, ensure the fire is out and all ashes are fully removed.

3. Maintenance and care

Heater steel types

- AISI 304: A common stainless steel grade known for its excellent corrosion resistance and good formability. Suitable for most environments except for those with high chlorine or salt content.
- AISI 316: Superior to AISI 304, this stainless steel contains molybdenum, which provides enhanced corrosion resistance, particularly in chloride-rich environments. Ideal for saltwater applications.

Water Treatment

- Shower before entering the hot tub and avoid bringing sunscreen, lotion, or similar products.
- Without a filtration system or water treatment, replace the water after each use.
- Regularly test the water's pH.
- Use approved chemicals to maintain balance. Note that harsh chemicals can only be used if the heater is made of AISI 316 stainless steel to prevent damage.
- Drain and refill the tub periodically to ensure water freshness.

Cleaning the hot tub

- Clean the hot tub with non-abrasive cleaners; rinse thoroughly.
- Oil the external wooden parts once every 6 months.
- Regularly remove debris from the jets and clean them with a cleaning solution to prevent build-up.
- Sweeping the heater: Ensure the fire is fully extinguished, remove the draft damper, and scrape ashes from the grate into a non-flammable container. Avoid placing a hot ash pan in snow or water.
- Clean the flue with a long brush for faster heating.

4. Winter hot tub maintenance

- Drain water: If the hot tub is not used for a longer period, fully drain the hot tub to prevent freezing.
- Clean thoroughly: Clean the interior surfaces, jets, and nozzles to remove debris and buildup.
- Winterize the pipes: Blow out the pipes, jets, and filtration system to prevent freezing. After draining the hot tub, briefly run the jets to remove any remaining water.
- Protect heater: Ensure the heater is drained and dry.
- Cover securely: Use a well-insulated cover to keep out snow and debris.
- Check regularly: Periodically inspect for any signs of damage or leaks during winter.

5. Safety precautions

- Avoid touching the stove and flue when heating the hot tub; they become extremely hot.
- Keep a certified fire extinguisher near the hot tub at all times.
- Children must be supervised by adults and never left unattended near the hot tub.
- Enter and exit the hot tub slowly to avoid slipping.
- Never jump into the hot tub or apply unintended loads to prevent injury and damage.
- Pregnant women, infants, and those with medical conditions should consult a doctor before use.
- Do not use the hot tub under the influence of alcohol, drugs, or medication.