

# WOOD FIRED HOT TUB MANUAL



Due to a policy of continuous product improvement, Volkstüb reserves the right to change specification and appearance, which may result in updates to the user guide, without notice.

# **1. INTRODUCTION**

Welcome to the Volkstüb family!

We're delighted that you've chosen one of our hot tubs to create your special moments of relaxation and connection. Thank you for trusting Volkstüb to bring comfort and joy to your home.

Before you dive in, we encourage you to take a little time to go through this manual. It's here to help you set up, care for, and enjoy your hot tub for years to come. Keep it in a safe spot - you might need it again down the road.

We know life can get busy, and that's why we've designed Volkstüb hot tubs to be your haven - a place to unwind, laugh, and recharge with those who matter most. We're confident your Volkstüb will become the heart of countless cherished memories.

If you ever need advice, support, or just a friendly voice to guide you, we're always here. Our contact information is at the end of this manual, and we'd be thrilled to hear from you.

Warm wishes,

**The Volkstüb Team**

# CONTENT

<b>1. Introduction</b>	<b>2</b>
<b>2. Safety</b>	<b>2</b>
2.1 Preparation	2
2.2 Hot Tub Installation and Safety Guidelines	3
2.3 Usage	3
<b>3. Installation</b>	<b>5</b>
3.1 Placement	5
3.2 Bearing surface	5
3.3 Delivery	7
3.4 Assembly of hot tub - integrated heater	7
3.5 Assembly of hot tub - integrated horizon heater	11
3.6 Hot tub troubleshooting and help	12
<b>4. Use</b>	<b>13</b>
4.1 Water Sources	13
4.2 Filling the Hot Tub	13
4.3 Water Hygiene And Maintenance	13
4.4 Heating	14
4.5 After usage of heater	15
4.6 Draining water	15
4.7 Regular Cleaning	15
4.8 Winter time use	16
<b>5. Maintenance</b>	<b>16</b>
5.1 Stove Glass Window	17
5.2 Wood-Fired Heater	17
5.3 Exterior Cladding and Material Care	17
5.4 Long-Term Storage	18
5.5 Access for Servicing	18
<b>6. SPA System</b>	<b>18</b>
6.1 Overall control	18
6.2 Button controlled system	19
<b>7. Skim Filter Installation and Operation</b>	<b>20</b>
<b>8. Warranty Terms &amp; Conditions</b>	<b>23</b>
<b>9. Contact</b>	<b>24</b>

## 2. SAFETY

**IMPORTANT!** Read, understand, and follow all instructions carefully before installing and using this product.

The safe enjoyment of your Volkstüb hot tub is our highest priority. Please read the following warnings and safety guidelines carefully before installation and use. Failure to follow these instructions can result in serious injury, property damage, or even death. These warnings cover common risks but cannot account for all possible scenarios. Always use caution, good judgement, and refer to national safety regulations where applicable.

### 2.1 Preparation

The hot tub is designed for outdoor use and should be placed on a solid foundation at ground level. For special installations, consult a professional engineer with relevant experience.

It is the owner's responsibility to determine and comply with any local rules and restrictions that may apply to hot tub installation.

The hot tub should be placed in a location where there is no fire hazard (see Section 3.1 ).

Electrical power connections must be performed by a certified electrician. Power connection plugs must not be exposed to moisture or rain. The owner is responsible for ensuring that the outlet complies with applicable local laws and regulations.

The hot tub should be moved with care. While on a pallet, it can be transported using a forklift. When not on a pallet, it must be moved by at least four healthy adults. In this case, the lifting points should be at the bottom of the façade boards. Thick gloves should be worn to prevent injuries from wood splinters

If the hot tub is placed on a flammable surface, such as a wooden terrace, special precautions must be taken to reduce fire risk. A hearth plate should be installed in front of the wood-fired heater, covering a surface at least 0.6 meters in length from the heater door and at least 1 meter in width as per **Figure 1**. These are minimum safety measures—consult a specialist for the safest setup.

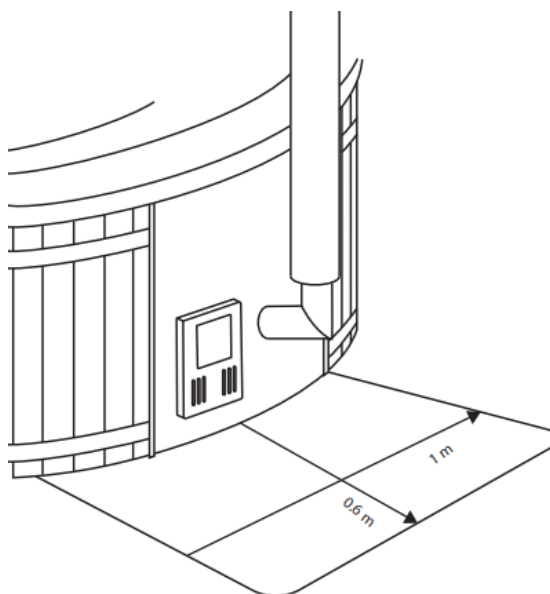


Figure 1

## 2.2 Hot Tub Installation and Safety Guidelines

### INTENDED USE AND PLACEMENT:

- The hot tub is designed for outdoor use only and must be placed on a solid foundation at ground level.
- For specialized installations, consult a qualified engineer with relevant experience.

### LOCAL RULES AND REGULATIONS:

- It is the owner's responsibility to verify and comply with local rules and restrictions that may apply to the installation and use of the hot tub.

### FIRE SAFETY CONSIDERATIONS:

- Ensure that the placement of the hot tub does not pose any fire hazards (refer to Section 3.1 detailed guidelines).
- If installing the hot tub on a flammable surface such as a wooden terrace, additional precautions are required.
- Install a hearth plate in front of the wood-fired heater. The hearth plate must extend at least 0.6 meters from the heater door and be at least 1 meter wide. These are minimum safety requirements—consult with a professional for a safer setup.

### ELECTRICAL CONNECTIONS:

- All electrical connections must be performed by a licensed professional electrician.
- Ensure that power connection plugs are protected from moisture and rain.
- The owner is responsible for ensuring the outlet complies with all applicable local laws and safety regulations.

### MOVING THE HOT TUB:

- The hot tub should be handled with care to avoid damage or injury.
- When on a pallet: Transport the hot tub using a forklift.
- Without a pallet: Move the hot tub with the help of at least four healthy and capable individuals, lifting it using bottom of the façade boards.
- To prevent injury, use thick gloves to guard against wood splinters.

## 2.3 Usage

### PERSONAL SAFETY & SUPERVISION

- **No Unattended Children:** Never allow children near or in the hot tub without constant adult supervision. Lockable covers or removal of steps should be used to restrict unauthorized access.
- **Risk of Drowning:** Children under 5 are at the highest risk. Ensure a competent adult is appointed as a supervisor at all times.
- **No Solo Bathing:** Never use the hot tub alone. In case of dizziness, fainting, or medical emergency, help must be available.
- **Entry & Exit:** Enter and exit the tub slowly and carefully. Surfaces may be slippery. Never jump into the hot tub.

### TEMPERATURE & HEALTH RISKS

- **Maximum Temperature:** The water temperature should never exceed **40°C (104°F)**. Lower temperatures are recommended for children and prolonged use.
- **Check Temperature Before Use:** Always test the water temperature with your hand or elbow before entering.
- **Hydration:** Stay hydrated. Prolonged exposure to hot water can cause dehydration, overheating, and fainting.

- **Pregnancy:** Pregnant women should consult a doctor before using the hot tub, particularly during the first trimester, due to the risk of fetal damage from high temperatures.
- **Medical Conditions:** Individuals with heart disease, diabetes, blood pressure issues, open wounds, or other health concerns should consult a physician prior to use.
- **Medication & Alcohol:** The use of alcohol, drugs, or medications that cause drowsiness or impair judgment can increase the risk of drowning or injury. Avoid hot tub use under such conditions.

## WATER & SYSTEM SAFETY

- **Water Level:** The water level must always be above the stove's hot water outlet before lighting the fire. Operating the stove without sufficient water may cause serious damage and safety risks.
- **Avoid Swallowing Water:** Never drink or swallow hot tub water.
- **Avoid Submersion of Head:** Keep your head above water at all times to reduce the risk of drowning or infection.
- **Regular Water Maintenance:** Proper water hygiene is essential. Follow maintenance and cleaning guidelines as provided in the manual.
- **Chemical Use:** Only use approved water treatment products if applicable. Never use chlorine, salt, or bromine unless you are using a stove compatible with such substances. Improper chemical use may damage the materials or void warranty.

## ELECTRICAL SAFETY

- **Distance from Water:** Electrical devices must be kept at least 2 meters away from the hot tub. Never operate electrical devices from inside the tub or when wet.
- **Use of Pumps/Filtration:** If using a filtration system or pump, only use components that are compatible with Volkstubs hot tubs. Broken or missing suction covers must be replaced with original parts before operation.
- **Outdoor-Grade Connections:** Ensure all electrical connections are outdoor-rated, moisture-protected, and connected to an RCD (residual-current device) outlet.

## PRODUCT DESIGN & USAGE WARNINGS

- **Freestanding Only:** Volkstubs hot tubs are not designed to be fully or partially sunken into decking or other platforms without external structural support.
- **Do Not Modify:** Any alterations or modifications to the hot tub, stove, or chimney system may lead to unsafe conditions and will void the warranty.
- **Correct Handling:** Do not lift the hot tub by its rims. Always lift from the bottom. For large or heavy units, use proper lifting equipment (e.g., crane or forklift).
- **Extreme Weather:** In freezing conditions, drain both the tub and stove fully to prevent ice damage. During strong windstorms, remove or securely strap down the lid and chimney.

By following these tips, you can enjoy your hot tub safely and comfortably.

## 3. INSTALLATION

### 3.1 Placement

#### Choosing the Right Spot for Your Hot Tub

Select an outdoor location for your hot tub, as these tubs are not designed for indoor use. Keep the following points in mind to ensure safety, ease of use, and minimal maintenance:

##### 3.1.1 Location Considerations

Choose a permanent spot that avoids fire hazards, water damage, and disruption to neighbors. A sheltered area helps protect the tub from wind and weather, improving heating efficiency and simplifying upkeep. Be aware that nearby trees or shrubs can increase debris, leading to more frequent cleaning. Ensure the path to the tub remains clear to prevent dirt and leaves from being tracked in.

##### 3.1.2 Fire Safety

Follow the fire safety guidelines outlined in Section 2.2. Always maintain the recommended safe distances from flammable materials, as illustrated in **Figure 2**

##### 3.1.3 Water Drainage

Install the tub in a location that allows water to drain away from it. This helps prevent stagnant water or flooding due to rain or when the tub is being emptied.

##### 3.1.4 Accessibility for Maintenance

Choose a location that allows easy access for future maintenance or repairs. Occasionally, the hot tub may need to be tilted onto its side.

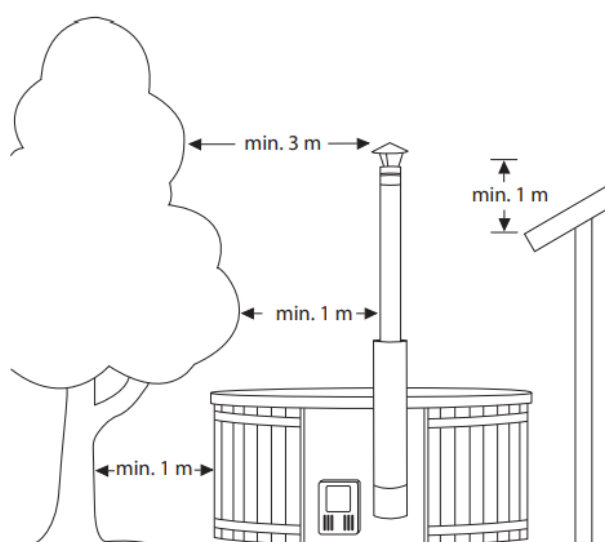


Figure 2

Lastly, make sure your installation complies with all local regulations. It is the owner's responsibility to meet these requirements and ensure there is sufficient access for servicing or tilting the tub when needed.

### 3.2 Bearing surface

When filled, your hot tub can weigh **up to 2,000 kg**. Ensuring a strong, level, and stable surface is essential for safety and long-term durability. Here's what you need to know:

### 3.2.1 Surface Type

Use a smooth, flat surface capable of supporting the full weight of the hot tub. Suitable options include:

- A concrete base
- Paving stones
- Wooden decking (engineered to handle the load)

The surface must be completely level to ensure the hot tub's base frame sits evenly. The frame must be fully supported across all bearing surfaces of the hot tub. **Reference Figure 4 & Figure 3**

Ground around hot tub has to have sufficient water drainage

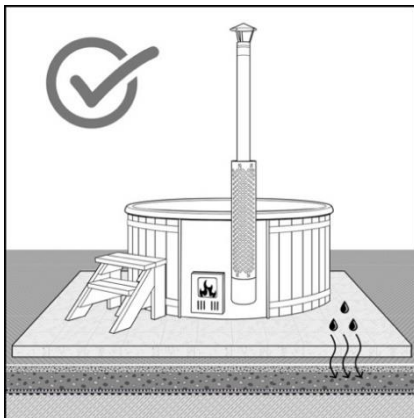


Figure 4

Hot tub must be place on level surface

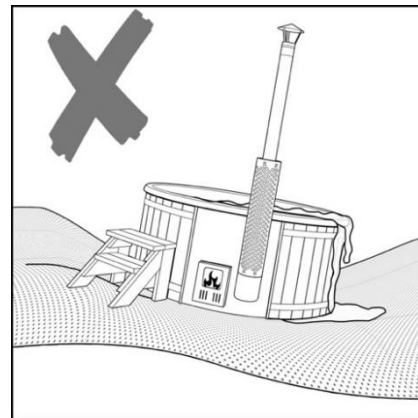


Figure 3

### 3.2.2 Air Circulation

A level surface also helps maintain airflow beneath the tub. **Do not block the gap at the bottom edge**, as this may trap moisture and lead to damage. This gap is also useful for routing hoses and electrical cables.

### 3.2.3 Underground Conduits

If desired, you can integrate empty conduits into the base surface to route hoses and cables underground to their final location.

### 3.2.4 Warranty Note

Installing the hot tub on an inadequate or uneven surface may cause damage that is **not** covered under warranty.



### 3.3 Delivery

Inspect the packaging for any damage immediately upon delivery. If you notice any potential damage, **take clear photographs** and **note the details on the delivery documents before signing**.

When unpacking the hot tub, **do not use sharp knives**, as they may damage the surface of the product.

### 3.4 Assembly of hot tub - integrated heater

#### 3.4.1 Main technical information

Projected heating power	30 kw
Fuel type	Wood logs up to 30 cm
Furnace depth	380 mm
Carbon dioxide emissions with 13% O2 content	0,09%*
Fuel gas temperature	430 °C*
Width	660 mm
Height	445 mm
Length	475 mm
Weight	62 kg

#### 3.4.2 Main components of the heater (Figure 5)

Basic stove comes with main parts required for usage are:

- a) Stove (1 pc.)
- b) Ash drawer (1 pc.)
- c) Stove door (1 pc.)
- d) Cast iron ash grates (1 pc)
- e) Chimney elbow (1 pc)
- f) Chimney elbow fastening kit (1 pc)

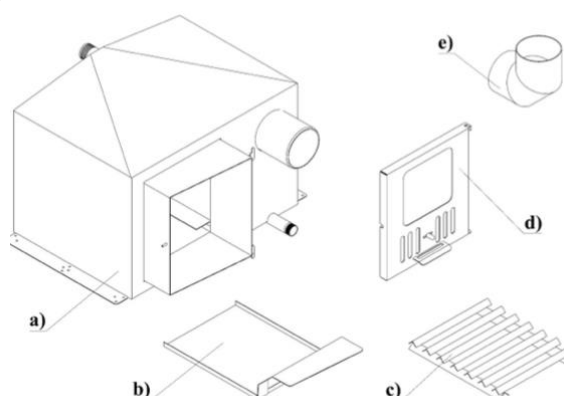
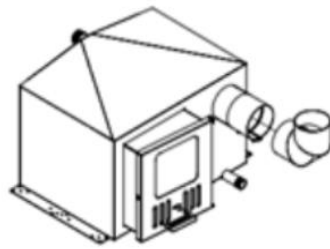


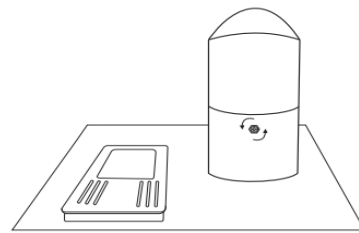
Figure 5

### 3.4.3 Fixing the chimney

Before installing chimney, a chimney elbow must be fixed to the heater. **Reference (Figure 6)**



Slide in the chimney angle



Fix the screw on the tube's bottom

*Figure 6*

### 3.4.4 Chimney installation

Chimney must be installed in a specific order. The first part to be put into chimney elbow is marked with number 1. Second or third part of chimney are marked with number 2. As illustrated in **Figure 8**

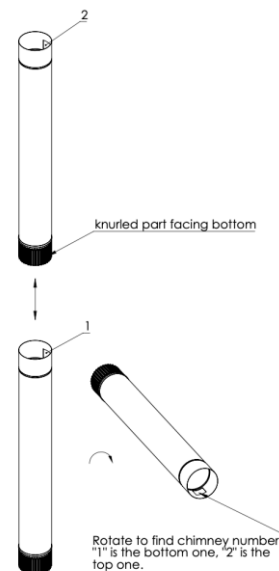


Figure 8

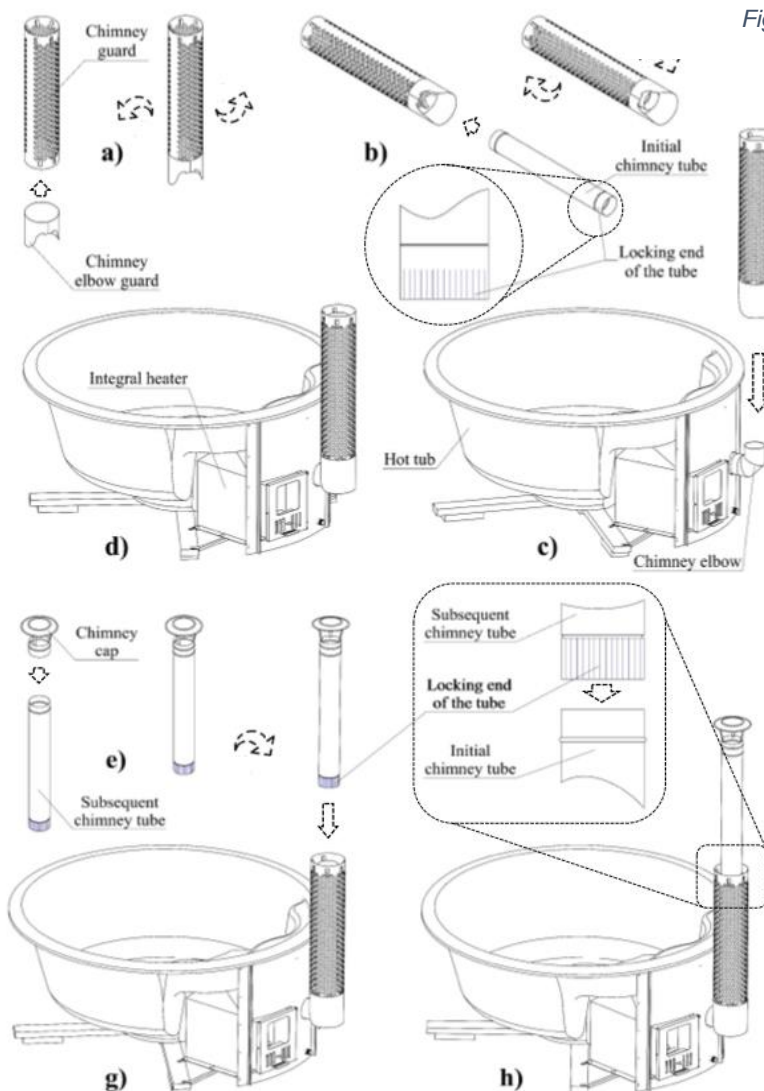


Figure 7

- a) Direction of attachment of the chimney guards
- b) Direction of attachment of the initial chimney tube
- c) Direction of attachment of initial chimney tube to the elbow
- d) Initial chimney tube assembled to a heater
- e) Attachment of the chimney cap
- g) Mounting second part of chimney
- h) Inserting second part of chimney.

### 3.4.5 Installing doors

Mounting door on holders. Reference Figure 9

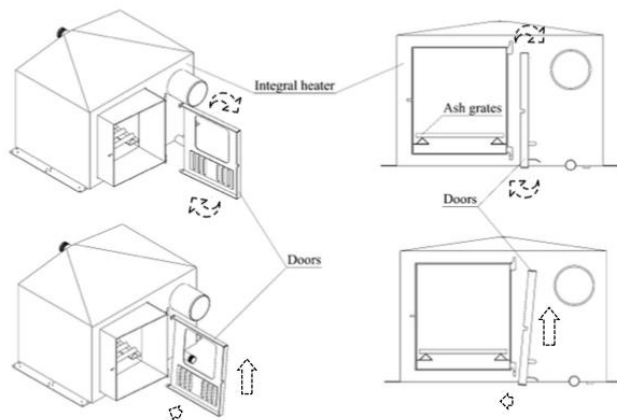


Figure 9

First insert door at the bottom and then proceed to mount on the top holder. Reference Figure 10

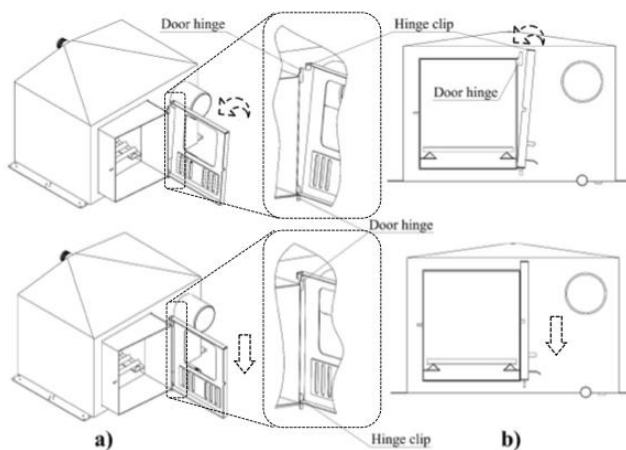


Figure 10

Lock the door with locking pin. Reference Figure 11

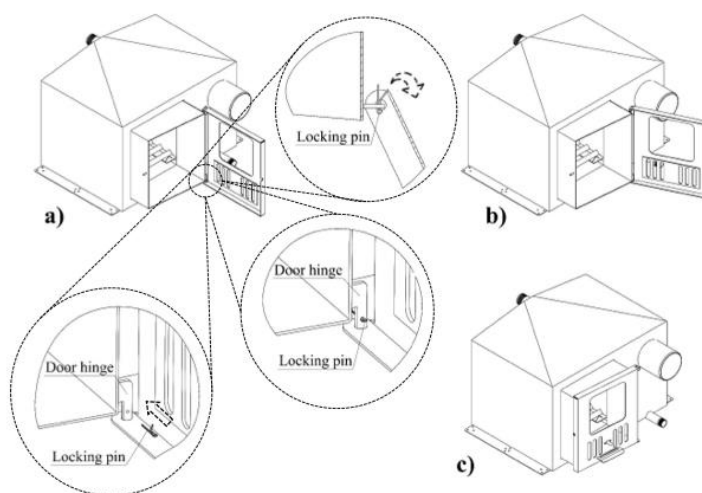


Figure 11

## 3.5 Assembly of hot tub - integrated horizon heater

### 3.5.1 Main technical information

Projected heating power	25 kw
Fuel Type	Wood logs up to 30 cm
Furnace depth	380 mm
Width	660 mm
Height	445 mm
Lenght	475 mm
Weight	40 kg

### 3.5.2 Main components of the heater (Figure 12)

Basic stove comes with main parts required for usage are:

- A) Horizon heater (1 pc.)
- B) Door with glass insert (1 pc.)
- C) Ash drawer (1 pc.)
- D) Cast iron ash grates (1 pc)
- E) Shamotte bricks (4 pcs)

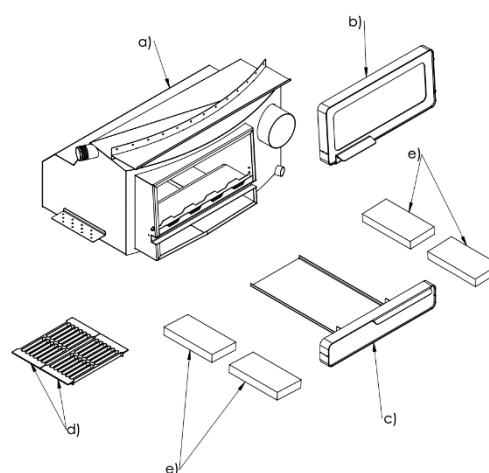


Figure 12

### 3.5.3 Chimney installation

Please refer to **Section 3.4.4** for a fully detailed chimney installation guide

### 3.5.4 Installing doors (Figure 13)

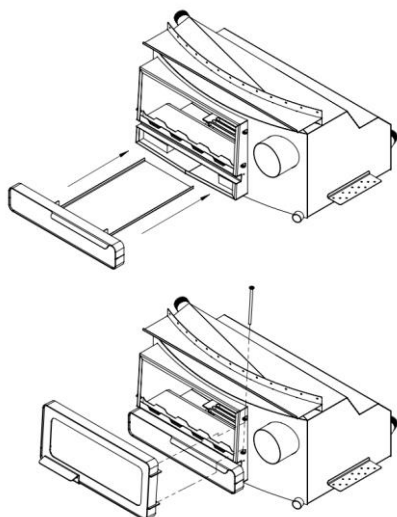


Figure 13

### 3.6 Hot tub troubleshooting and help

Problem	Solution
<b>Burning too slow</b>	<p><b>Slow burn might be caused either of not enough air intake into heater or wet fuel.</b></p> <p>The problem can be solved:</p> <ul style="list-style-type: none"> <li>• Adding dry wood</li> <li>• Not overcrowding burning chamber with wood</li> <li>• Leaving doors open</li> <li>• Adding additional chimney pipe to increase height of chimney and thus improving air flow</li> <li>• Check for soot inside chimney and chimney elbow. Clean it for next use.</li> </ul>
<b>High condensation or moist inside burning chamber</b>	<p><b>High condensation can be caused by wet wood or low burning temperature. Soot formed in heating chamber and in chimney accumulates water and releases. To solve this problem:</b></p> <ul style="list-style-type: none"> <li>• Use dry wood for burning</li> </ul> <p>Open doors or ash tray to get additional air inside heating chamber</p> <p>If required increase chimney height with additional 1 or 2 pipes of chimney. This will improve air flow for burning</p>
<b>Heater makes noise while heating</b>	<p>Loud bubbling noises can be caused by formed air in the heater. This could be due to incorrect installation of heater, uneven base for hot tub or by lack of water in hot tub. Check to solve these problems before continuing the usage of hot tub.</p>
<b>High volumes of smoke</b>	<p>High levels of smoke are caused either by wet wood burning or low burning temperatures. Use dry wood and assure enough air flow for burning chamber.</p>

#### 1. Recommended Distance

Place the external heater **30 cm** away from the hot tub.

- *A greater distance may reduce circulation efficiency and result in slower heating.*
- from the heater to the hot tub. This is essential because hot water rises naturally.

#### 2. Water Hose Positioning

- The **top water hose** must run **upward** from the heater to the hot tub. This is essential because hot water rises naturally.
- Both **inlet and outlet hoses must be straight** and free of any **slumps or dips** that could trap air or reduce flow efficiency.

#### 3. Flow Direction

Ensure that water flows:

- **Upward from the heater to the tub** at the top connection, and
- **Downward from the tub to the heater** at the bottom connection.

**IMPORTANT!** This section outlines the proper steps for the regular use of your Volkstüb's hot tub. Please read and follow these instructions carefully.

## 4. USE

### 4.1 Water Sources

For optimal performance and hygiene, fill the hot tub with **clean tap water** whenever possible. Soft water is highly recommended because it minimizes mineral buildup over time. If you plan to use alternative water sources (such as well water, lake water, or rainwater), be sure they are properly filtered and treated before use.

### 4.2 Filling the Hot Tub

Before filling the hot tub, **thoroughly clean the interior** according to the guidelines in Section 4.7 . Then, ensure that all water and drain valves are completely closed.

- **Water Quality:** Use clean, soft water to reduce the formation of mineral deposits.
- **Filling Level:** Fill the hot tub until the water level is at least 10 cm above the top heater outlet. Maintaining this level is critical; insufficient water may cause heater overheating, damage the unit, or void the warranty.
- **Note on Water Displacement:** Keep in mind that bathers will displace water when entering the tub, so avoid filling it to the very brim.

### 4.3 Water Hygiene And Maintenance

At Volkstüb, we prioritize your health and safety. For optimal hygiene, we recommend replacing the bathing water after each use, especially when the hot tub is used without a filtration or treatment system.

According to the **EU Bathing Water Directive 2006/7/EC**, clean, drinkable water can safely remain in the hot tub for up to **5 hours**, while untreated or non-drinkable water should not be used for more than **3 hours** per session.

#### **Important**

Prolonged use of the same water—especially without proper filtration or disinfection—can increase the risk of waterborne illnesses. Always follow the water care recommendations provided in this manual.

To help maintain clean bathing water, follow these simple guidelines:

- **Always shower** before entering the hot tub to reduce the introduction of oils, sweat, and dirt.
- **Place the insulated cover** on a clean surface when removed, to avoid transferring debris into the water when repositioning it.

- **Keep the cover on** the hot tub when not in use to retain heat and prevent contamination from insects, leaves, or dust.

## 4.4 Heating

### 4.4.1 Firing Up the Heater

**Caution:** Always verify that the water level is at least 10 cm above the top heater outlet before igniting the heater as showcased in. Failure to do so can cause the heater to overheat, void your warranty, and present a serious fire hazard.

**Preparation:** Open the stove door and ash drawer to ensure maximum airflow before starting the fire.

- **Wood Requirements:**

- Use dry wood exclusively.
- For ignition, use finely chopped wood pieces so they catch fire quickly.
- Avoid overstacking the wood—excessively dense loading restricts air circulation and reduces burning temperatures.

**Safety Note:** The stove door and flue become extremely hot during operation. Ensure that children and pets are kept at a safe distance, and wear appropriate protective gear when handling the stove.

### 4.4.2 Reaching Bathing Temperature

The time required to reach your desired bathing temperature depends on outdoor conditions (season, wind, and air temperature) and the initial water temperature. For efficient heating, follow these best practices:

- **Wood Selection:**

- Use wood with low moisture content and high energy density, such as dry birch.
- Select small logs, approximately 5 cm wide, to encourage efficient burning.

- **Fire Maintenance:**

- Regularly refill the stove with as many logs as it can hold to maintain consistent heat.
- Keep the ash pan partially pulled out (5–10 cm) during the heating process to enhance airflow.

- **Heat Retention:** Cover the hot tub with an insulated lid while heating to retain warmth.

### 4.4.3 Maintaining the Bathing Temperature

When the water is only a few degrees below your target temperature, stop adding wood and fully push in the ash pan to close the air intake. This controlled reduction in oxygen will decrease the fire's intensity and help stabilize the water temperature.



- **Monitoring**

- Regularly monitor the water temperature by stirring the water and testing it with your hand or elbow.
- For a more accurate measurement, use a digital thermometer.

- **Cooling**

- If the water becomes too hot, gradually add cold water from a garden hose or bucket.
- In winter, crushed snow may serve as an alternative cooling method.

#### 4.4.4 Additional Considerations

- **Water Hygiene:** For optimal hygiene, change the bathing water after each use or follow your local regulations regarding water usage times.
- **Maintenance:** Regularly inspect the heater components, water valves, and firebox. Adhering to a scheduled maintenance routine, as detailed in Section 4.7 , will extend the life of your hot tub.
- **Safety Reminders:** Always review these instructions before each use. Never bypass any of the safety measures—particularly the water level requirement—as they are integral to preventing damage and ensuring safe operation.

#### 4.5 After usage of heater

After using the hot tub, allow the fire to burn out naturally. **Do not pour water into the stove** to extinguish the fire, as the sudden temperature change can warp and damage the stove and ash pan.

Ensure that the fire is completely extinguished and there are no remaining embers. Remove the ash pan and carefully transfer the ashes into a **non-flammable container**, such as a metal bucket. Be mindful that the ash pan may still be hot—place it on a **non-flammable surface** or return it directly to the stove.

Avoid placing the ash pan on cold surfaces, such as snow, as the rapid temperature change could cause warping.

#### 4.6 Draining water

**Before draining the bathing water, ensure that the fire is completely extinguished**, the ash pan has been emptied, and the stove has sufficiently cooled down.

Keep in mind that a large volume of water will be drained from the hot tub. Verify that the drainage area is prepared to prevent any potential damage to the surrounding environment.

#### 4.7 Regular Cleaning

To keep your **Volkstüb** hot tub in excellent condition—both visually and functionally—it is essential to clean the tub thoroughly **every time the bathing water is drained**. Regular maintenance not only preserves the aesthetics but also extends the lifespan of your hot tub.

**Tip:** Cleaning is easiest immediately after draining, while surfaces are still damp and any residue is easier to remove.

**Cleaning Instructions:**

1. **Wipe down the interior** of the tub using a soft sponge or cloth along with a **non-abrasive, pH-neutral cleaner**.
2. **Rinse thoroughly** with clean water to remove any soap or residue.
3. Clean around **nozzles, buttons, and fittings** to prevent buildup and ensure proper function.
4. For models with an integrated stove:
  - Flush the **circulation channels** by spraying clean water through both the **lower inlet and upper outlet**.
  - Repeat until the water runs clear and no visible debris remains in the channels.

**Important:**

Always leave the **drain valve open** during cleaning and whenever the hot tub is not in use for extended periods. This helps prevent moisture buildup, odor, and potential frost damage in colder conditions. By integrating these steps into your routine, you'll ensure a consistently enjoyable and hygienic bathing experience while protecting your investment in a high-quality **Volkstüb** product.

## 4.8 Winter time use

The hot tub can be used in sub-zero temperatures, but it is essential to **empty it completely after use** to prevent water in the stove channels from freezing. Ice buildup can cause severe damage to the stove and may render the hot tub inoperable.

Never leave water in the hot tub during winter, as ice buildup can damage the stove and potentially make it unusable. Be especially cautious during nighttime, as sub-zero temperatures are most likely to occur then.

**Additional Instructions for Hot Tubs with Massage Systems:**

Before winter or after draining the tub in freezing conditions, follow these steps to clear **residual water from the massage systems**:

1. After draining the tub, **briefly turn on each massage system** for **no more than 3 seconds**.
2. **Wait 20 seconds**, allowing any loosened water to settle or drain.
3. **Repeat this process two more times** (3 cycles in total).

This process helps **remove any remaining water** from the pipes and nozzles, preventing freeze damage within the system.

**Note:** These short bursts should only be performed after draining the tub and must not exceed 3 seconds per cycle to avoid running the pumps dry.

By following these winterization steps, you'll protect your **Volkstüb** hot tub and ensure it remains in top condition for many seasons to come.

## 5. MAINTENANCE

Following the maintenance guidelines in this manual will help ensure your **Volkstüb** hot tub remains in optimal condition—**both visually and mechanically**—for years to come.

**Safety**

**First:**

If your hot tub is equipped with **bubble jets, underwater lighting**, or any other electrical features,

always **disconnect all power sources** before carrying out any cleaning or maintenance work. This is essential to prevent electrical hazards and damage to the equipment.

## 5.1 Stove Glass Window

Over time, it is natural for **soot to accumulate** on the stove door's glass window. Fortunately, cleaning it is quick and easy.

### Recommended Cleaning Method:

1. Dampen a **paper towel or soft cloth** with water.
2. Dip it lightly into **white ash** from the stove's ash pan.
3. Rub the ashes onto the glass in a **gentle circular motion**.
4. Wipe clean with a fresh damp cloth and dry the surface.

This method uses the **natural abrasiveness of ash** to remove soot without damaging the glass. Alternatively, specialized **stove glass cleaning products** are available from most home and fireplace retailers.

Regular cleaning of the stove window not only keeps your hot tub looking great but also allows you to **visually monitor the fire more easily** during heating.

## 5.2 Wood-Fired Heater

Proper care of your **Volkstüb** wood-burning heater is essential for **efficient operation, safety**, and the **longevity** of your hot tub system.

### After Each Use:

- **Empty the ash compartment** after every use to maintain proper airflow and efficient combustion.
- **Do not leave the heater filled with water** during freezing temperatures, unless the hot tub is actively being heated. Freezing water can cause serious damage to the heater.
- **Avoid splashing water** onto the stove glass while the heater is burning. Sudden temperature differences may cause the glass to crack.

### Routine Maintenance:

- The frequency of chimney cleaning depends on the **type of firewood** used. Softwoods (such as pine or spruce) contain more resin and produce more soot, requiring more frequent maintenance than hardwoods (like birch or oak).
- As a general guideline, we recommend **cleaning the chimney every 15–20 uses**.
- Always clean the **chimney elbow** during maintenance, as this is where soot commonly builds up.
- Remove any **leaves, ash, or debris** from around and inside the **external heater housing** to ensure safe operation and ventilation.
- If your chimney cap is equipped with a mesh screen, **clean it at the same time** to prevent blockages.

**Pro Tip:** A clean heater and chimney ensure a more powerful, stable fire and reduce the risk of smoke backdraft or chimney fires.

By incorporating these maintenance steps into your routine, you will ensure that your **Volkstüb** stove performs reliably and safely with every use.

## 5.3 Exterior Cladding and Material Care

Our models feature **ThermoWood** for cladding, steps, or accessory surfaces.

- **ThermoWood** is a natural wood that requires regular maintenance to preserve its color and structural integrity.
- To maintain the original wood tone and protect against moisture and UV exposure, apply a **specialized exterior wood oil with UV protection** at least **once per year**.
- Over time, exposure to sunlight and moisture will naturally cause the wood to develop a **silver-grey patina**. This is a normal aging process and does not affect the structural quality of the wood.
- For the best results, **lightly sand the surface** before each new application of wood oil to ensure better absorption and finish.

**Note:** All materials benefit from proper care and seasonal inspection. Keep surfaces clean and protected.

## 5.4 Long-Term Storage

If your **Volkstüb** hot tub remains unused for an extended period (e.g., during off-season or travel), proper preparation is essential to prevent damage and preserve the system:

- **Completely drain** the tub and **leave the drain valve open** to avoid water accumulation from rain or condensation.
- **Remove the top section of the chimney flue** to minimize wind resistance and reduce the risk of storm-related damage.
- Ensure that all **power systems (if applicable)** are disconnected and store any accessories such as covers or steps in a dry, sheltered area.

**Important:** Never store the hot tub with water inside during freezing temperatures, as it may lead to severe damage due to ice expansion.

## 5.5 Access for Servicing

Certain maintenance tasks or repairs may require access to components located beneath the tub. In such cases, the hot tub must be **carefully tilted onto its side**.

Follow these steps to do so safely:

1. **Prepare the ground** by placing several layers of **strong cardboard or protective padding** on a flat surface.
2. Position the padding just **left of the stove**, where the **base frame is reinforced**.
3. Gently **tilt the hot tub** by lifting from the **opposite side** of the reinforced section. This prevents undue stress on structural components.
4. To safely return the hot tub to its upright position, follow the instructions outlined in **Section 3.1**.

**Caution:** Always perform this procedure with at least two people to avoid injury or damage to the hot tub.

# 6. SPA SYSTEM

## 6.1 Overall control

**Electrical Connection:** Hot tubs operate via connection to an electrical power network. The **power plugs** are typically located **behind the revision doors (see Figure 14)**.

### Electrical

Always consult a **qualified electrician** for safe installation and connection. Ensure that the power line has **adequate capacity** to handle the hot tub's electrical load.

### Safety:

### Power Consumption Overview:

- **Massage systems:** 1–3 kW
- **Electric heaters:** 3–9 kW

### Grounding

The electrical supply to the hot tub **must be properly grounded** to ensure both safety and optimal performance.

### Requirement:



Figure 14

## 6.2 Button controlled system

Some hot tubs are equipped with **button-operated control panels** for easy use of integrated systems:

	<p><b>Hydro Massage System:</b></p> <p>If equipped, simply <b>press the button</b> to activate the hydro massage jets.</p>
	<p><b>Lighting System:</b></p> <p>The hot tub features <b>multiple light modes</b>. Press the lighting button <b>repeatedly</b> to cycle through available colors until the desired mode is reached.</p>



#### Air System (Air Button):

Press the **air button** to activate the **air pump**, which streams air through dedicated air jets.

In **combined massage systems**, the air pump also **injects air into hydro jets**, intensifying the water stream for a stronger massage effect.

## 7. SKIM FILTER INSTALLATION AND OPERATION

The hot tub comes equipped with a **pre-installed skim filter** system designed to keep your water clean by filtering out debris and impurities. To ensure optimal performance, you will need to install the filter cartridge before use. Please follow the steps below:

### Installing the Filter Cartridge

1. **Unscrew the Filter Cap:** Locate the skim filter inside your hot tub. Using your hands, gently unscrew the top of the filter by turning it counterclockwise. **Reference Figure 15**

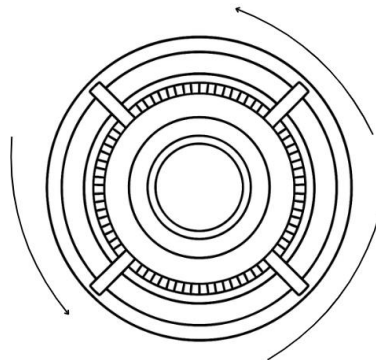
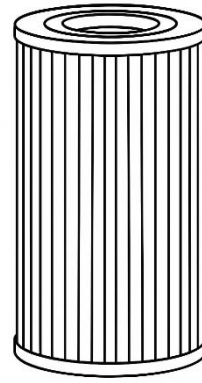


Figure 15

2. **Insert the Cartridge:** Remove the filter cartridge from its plastic packaging. Insert the cartridge into the filter housing, ensuring it is seated properly. **See Figure 16**Error! Reference source not found.

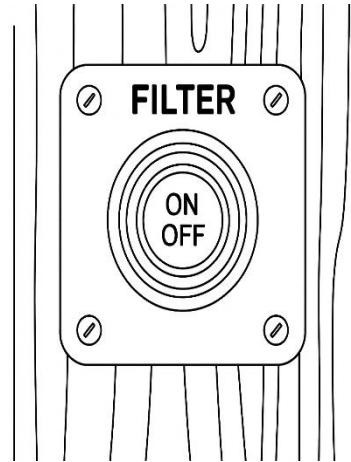


*Figure 16*

3. **Secure the Filter Cap:** Screw the filter cap back onto the housing by turning it clockwise until it is firmly in place. Do not overtighten.

## Activating the Skim Filter

To activate the skimmer filter, simply press the **"Filter"** button located on the side control panel of the hot tub. The filtration system will begin circulating and cleaning the **water**. See **Figure 17**



*Figure 17*

**Note:** Regularly check and clean or replace the filter cartridge as recommended in the maintenance schedule to maintain water quality and prolong the life of your hot tub.

If you have any questions regarding the skim filter installation or operation, please refer to the troubleshooting section or contact our customer support.



## 8. WARRANTY TERMS & CONDITIONS

Thank you for choosing Volkstüb. We stand behind the quality of our products and offer a comprehensive warranty for your peace of mind. **A 24-month warranty applies to hot tubs used for private (domestic) purposes, and a 12-month warranty applies to hot tubs used for commercial purposes, such as rental or public use.** The warranty period begins on the date of purchase as indicated on the original invoice.

To maintain warranty validity, proof of purchase must be provided, and all claims must be submitted to the original dealer. The warranty covers manufacturing defects but **excludes normal wear and tear, surface discoloration, scratches, damage caused by improper installation or use, freezing, overloading, unauthorized modifications, and consumables such as filters and seals. Damage resulting from failure to follow the user manual is also not covered.**

In the event of a defect, Volkstüb will repair or replace the affected part at no cost. Transportation costs may be covered if arranged in advance; otherwise, they are the responsibility of the customer. If return or pickup is required, the hot tub must be safely placed on a pallet in an area accessible by truck. Repairs carried out on-site require clear and safe access to the electrical system. Transport damage caused by poor packaging is not covered.

To submit a warranty claim, contact your dealer or sales representative and provide the purchase invoice, a detailed description of the issue, and clear photo or video evidence. Claims without proper documentation cannot be processed. Upon review, the dealer or our support team will advise on the appropriate course of action, which may include repair, replacement, return, or on-site service.

**Please note:** This warranty does not cover indirect damages or loss of business. Any unauthorized repairs or the use of non-approved parts will void the warranty.

These warranty terms are an integral part of your hot tub user manual. For assistance, please contact your dealer or our customer service team.

## 9. CONTACT

If you have any questions, need assistance, or require additional information regarding your hot tub, our customer support team is here to help.

**Customer Support Hours:** Monday – Friday, 9:00 AM – 5:00 PM (EET/EEST)

**Phone:** +370 (628) 39 392

**Email:** [support@Volkstub.com](mailto:support@Volkstub.com)

**Website:** [www.Volkstub.com](http://www.Volkstub.com)

We are committed to ensuring you enjoy your hot tub experience to the fullest. Thank you for choosing our product!