



# Composite Hot Tub Installation and Operation Manual



Thank you for purchasing a composite hot tub PolarSpa TM from Composit Group.

The PolarSpa TM products are the result of the collaboration of the best engineers and designers who have taken care of the highest level of safety, quality and convenience of each product. By purchasing our products, you have made the right choice in favor of a healthy lifestyle, and the highest quality of all components of our products guarantees using them for many years without worries.

This manual presents operation guidance and rules for our products. By following them insures the maximum shelf life for any product.

## GENERAL INSTRUCTIONS

### DESCRIPTION

Composite hot tubs are intended for domestic use.

The products can be used all year round, both indoors and outdoors. The products are equipped by standard with a hot water stove and are intended exclusively for outdoor use.

The inner part of the hot tub (bowl) is made of European composite materials, using a premium protective gelcoat from a special series for the production of Swim-NPG ISO/NPG pools from BÜFA®, Germany.

Composite is a modern material with special properties: it does not cause allergies, retains heat well, does not change color, is maintainable, easy to clean.

Composite hot tubs are installed on rigid supporting frames made of steel profiles, which gives the product maximum strength.

Hot tubs can be optionally equipped with hot water stoves, hydromassage equipment, LED lighting and other accessories.

### TRANSPORTATION

Composite hot tubs are transported assembled (excluding chimney elements) in protective packaging. During transportation, the hot tub must be securely fastened to prevent any movement inside the vehicle.

When carrying, loading and unloading, do not hit against other objects.

### SAFETY MEASURES

- People with diseases of the cardiovascular or nervous system should consult a doctor before using our products;
- The persons under 16 years old are forbidden to use the product without parental supervision;
- Do not leave the product unattended for a long time when filling it with water;
- In order to preserve life and health, do not use electrical appliances while in the hot tub or directly next to the hot tub filled with water;
- When using the hot tub, do not touch the stove and chimney;
- It is forbidden to install the product near the sources of open fire;
- Take care of the safety of stairs and approaches to the hot tub, especially in winter season.

## HOT TUB INSTALLATION

The product must be installed on a solid, flat surface. If the hot tub is installed on a sloped surface, there is a possibility that the water from the hot tub will not drain completely. For the base under the hot tub, a concrete screed, tightly packed gravel or hard wooden flooring is suitable.

During installation, it is necessary to determine the place to drain the water. Water drain into a sewer, rainwater gutter or drainage ditch is recommended.

In the case of installing a product equipped with a hot water stove next to a building, make sure that the chimney is located far enough from the roof structure. The distance must be checked both horizontally and vertically to avoid fire hazard.

## HOT TUB MAINTENANCE AND USE

### MAINTENANCE AND USE INSTRUCTIONS

- Be sure to drain the water from the hot tub after using it in freezing temperatures (if the product

is installed outside a heated room);

- Do not leave water in the hot tub for a long time, the recommended interval for draining water from the hot tub is after each use;
- Avoid contact of the surface of the bowl with strong acids and alkalis, open flame, etc.;
- To avoid damage to the bowl, it is not recommended to hit the surface of the bowl with hard objects, place hard objects on the surface of the hot tub, especially those with sharp edges;
- To clean the bowl, do not use metal brushes and scrapers or detergents containing abrasive particles. Use soft sponges or cloths and liquid, non-aggressive detergents;
- To prevent the appearance of rusty streaks on the walls of the hot tub, rinse the bowl with water and wipe it dry with a clean, dry linen cloth (use of woolen cloth is not recommended) after each use;
- Minor scratches can be removed with fine sandpaper. Then treat the damaged area with a polishing paste used when painting cars to restore the shine of the bowl;
- Regular cleaning and timely maintenance of the product are important in regards of hygiene, as well as the durability of the product.

#### **INSTRUCTIONS FOR USE OF HEATED WATER TUBS**

- Before filling the product with water, check if the water drain hole is closed;
- For correct operation of water heating and hydromassage system (if available), the water level must be higher than the level of the uppermost nozzles;
- Remember that heating equipment is a source of increased danger. It is forbidden to allow minors to operate the stoves;
- You can light up the stove ONLY, if there is water in it and in the hot tub. Water will enter the stove if there is water in the hot tub. Before firing up the stove, the hot tub must always be filled with water;
- When firing up the stove, make sure that there is air flow into the firebox. Depending on the stove model, the air intake is carried out through a loosely closed door, damper or ash box. When the wood is sufficiently hot, depending on the model of the stove, the air flow into the firebox can be reduced by completely closing the door, damper by 90% or ash box. Heat the stove with hardwood. Do not use any kindling agents when firing up the stove, as they leave carbon deposits, which impairs heat transfer (an alcohol tablet is allowed). Fold the firewood neatly to accommodate the largest amount of firewood;
- During the firing of the stove, condensation may appear on the walls of the stove, which can drip off. As the stove and water in the hot tub warm up, forming of condensation will stop.
- In winter, if there is a threat of water freezing in the water supply and intake nozzles, as well as in the branch pipes, make sure that the water can circulate freely;
- Be sure to drain the water from the stove after using in freezing temperatures, otherwise the stove may become unusable. It is forbidden to drain water from the hot tub unless the fire in the stove has completely extinguished and the ash has cooled down;
- Ensure that the chimney does not rest against the structure of the house to avoid a fire.
- Do not forget about using a thermal cover when heating water, otherwise the heating time will increase up to two times.
- Control the temperature of the water leaving the stove so that it does not boil. If the water starts to boil, weaken the firing mode by reducing the air supply through the damper and do not throw up firewood.
- Regularly clean ash from the stove;
- Recommended temperature of bathing water:  
0°—15°C - tonic, cold training;  
37°—40°C - relaxing, Russian bath effect, warming, deep cleansing.

## **WARRANTIES**

#### **WARRANTY PERIOD**

This warranty is provided by the manufacturer in addition to consumer rights established by applicable law.

The manufacturer does not bear any warranty obligations for equipment and components assembled and installed by the consumer or third-party organizations.

This warranty is valid from the date of purchase of the product for 12 months, subject to compliance with the requirements of this operational documentation.

## WARRANTY TERMS

This warranty includes warranty service against defects in materials and technological process.

This warranty is valid subject to the following conditions:

1. The product must be used in strict accordance with the operation manual in compliance with the rules and safety requirements.
2. This warranty does not apply to defects arising from:
  - a. Repair and/or installation of the product, if they were made by persons or organizations that are not authorized to carry out such work;
  - b. Improper installation and operation of the product, operation of the product other than is intended or in violation of safety requirements, negligent care;
  - c. Natural wear and tear of the product, composite bowl, trim elements and other details, the conclusion about which is based on the essence of their consumer properties (for example: scuffs that do not affect the operation of the product and formed due to its normal use or defects due to the natural properties of wood - a possible change of wood shade, moisture level, cracks, etc.);
  - d. Chemical, mechanical or other effects (action of irresistible forces, accidents, deliberate or careless actions of the consumer or third parties, etc.);
  - e. Making design changes without the consent of the manufacturer, as well as installing parts that are not provided for by the technical documentation and operating instructions;
  - f. Non-compliance with rules and standards for the parameters of water supply, sewerage and power networks (including: use of contaminated water, pressure surges in the water supply network, power surges);
  - g. Non-observance of the rules of transportation and storage;
  - h. Ingress of foreign objects, insects, active chemicals inside the hydromassage systems.
3. This warranty is only valid upon presentation of a correctly completed warranty card and sales receipt confirming the date of purchase.
4. This warranty is valid only for products used for personal household needs and does not apply to products used for commercial, industrial or professional needs.

The manufacturer disclaims responsibility for any possible damage directly or indirectly caused by the product to people, pets, property.

The manufacturer pays great attention to the quality of the products. When using the products for personal (household) needs in compliance with the conditions of transportation, installation and operation, their shelf life can significantly exceed the official shelf life.

The manufacturer reserves the right to make design changes that do not affect the main characteristics declared upon sale.

Claims for defects should be sent to the place of purchase.

## WARRANTY CARD

### Composite hot tub

Model: \_\_\_\_\_

Date of sale: \_\_\_\_\_

#### WARRANTY PERIOD

12 months

from date of sale

Optional equipment \_\_\_\_\_

Seller, address, telephone: \_\_\_\_\_

L. S.

Seller's signature \_\_\_\_\_

No defects were revealed during visual inspection of the product. I have read and understood this manual.

Buyer's signature \_\_\_\_\_

- The warranty is valid if the warranty card is completed and sealed by the seller.
- If the product is of poor quality, the buyer should first contact the place of purchase.
- The warranty does not cover defects resulting from improper connection and negligent use, as well as defects resulting from violation of transportation rules and/or as a result of mechanical impact.