

# Polar hot tub Elegante



**Hot tub with electric heating**  
Specifications & instructions



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# 1. General information

This manual contains information about the area of use, handling, transport, assembly, usage and maintenance. When using and maintaining the product one should refer to this manual.

Weight without water: 240 kg

Total weight including water: 1890 kg

Capacity: 1650 l

The total weight does not include the weight of people bathing in the tub. When mounting the tub, make sure that the flooring is adapted for the total weight plus the weight of assumed users.

## 1.1 Symbols



**DANGER!**  
Immediate danger.



**CAREFUL!**  
Potentially dangerous situation.



**PLEASE NOTE!**  
Observe carefully.

## 1.2 Definitions

- **Product** - Hottub with electric heater
- **Handling** – Transport, assembly or maintenance of the product
- **Usage** – Using the product after handling and assembling the product in the correct manner.
- **Assembly** – Mounting the different parts
- **Transport** – Moving the product from one place to another. Transport also includes lifting the product on the plot.
- **Other risks** – Risks that occur when using the product
- **Maintenance** – Actions related to cleaning, reparation or replacing parts of the product
- **Operator** – The person who's responsible for the transport, handling, assembly or maintenance of the product.
- **Warranty** – The time post sale when Polhus is responsible for the product's technical condition. The warranty period is 36 months post purchase, except for the parts which have a 24 months warranty.
- **Hot tub** – The part of the hot tub which is filled with water
- **Equipment** – Filter, pump and heater (see image 1) which have been mounted in the hot tub to heat up and clean the water in the tub.

## 1.3 Warnings

The warranty only applies if you follow this manual and meet the requirements of it. The product may only be handled and maintained by operators who have read this manual and understood its contents. Operators must be at least 18 years of age and wear protective gear.

If a hazardous situation arises during handling or use of the product, all activities must cease immediately. If needed, call the emergency services.

Mounting and maintenance may only be performed by operators who are familiar with the tasks and can perform the work. If any changes are made to the product's construction Polhus must inspect and confirm these changes.

When handling, assembling, maintaining or using the product and its parts one must follow all the required state laws and regulations (in addition to the contents of this manual) to ensure the users safety and the validity of the warranty.

The warranty does not apply if the buyer has changed the construction of the product or used non-original parts without Polhus approval.

If you have any questions regarding this manual please contact Polhus.

## 2. Area of use

This hot tub is suitable for outdoor use all year round. The water in the tub can be heated with an electric heater. We have a separate manual for the electric heater. This is not covered in this manual.

Use of the product other than for its intended purpose is prohibited.



### **DANGER!**

Using the product indoors is strictly prohibited. Such use may result in serious injury or death.



### **PLEASE NOTE!**

Using the product in the wrong way may damage the product or cause damage to health.



### **CAREFUL!**

Using non-original parts can cause damage to the product and mortal danger.

## 3. Transport and assembly

### 3.1 Transport

The hot tub is transported on a pallet, standing on one side. Before opening the package you should inspect it to make sure it hasn't been damaged during transport. If you discover any damage, you should indicate this on the transport document (CMR).

Remove the cardboard and plastic packaging material from the product before assembly. Remove any equipment that has been packed inside the hot tub before turning it over.

The weight of the package is about 240 kg. It takes at least three people to turn the hot tub into its correct position. If possible, you should use lifting equipment. When the hot tub is in the correct position, the pallet can be removed from the side.

### 3.2 Assembly

When you've opened the package you should check that all of the parts shown in picture 1 are there. If anything is missing please register this as a claim on our website.

The package includes the following parts:

1. Fiberglass hot tub
2. Thermowood panel and separate equipment cabinet
3. Filter system
4. Electric heater
5. Pumping system
6. Short hose (2 pcs)
7. Filter balls
8. Long hose (2 pcs)



Figure 1: Package contents



## Parts for the hot tub:

1. Opening/entry for filter and heating system
2. Opening/exit for filter and heating system
3. LED lights
4. Opening to drain for water

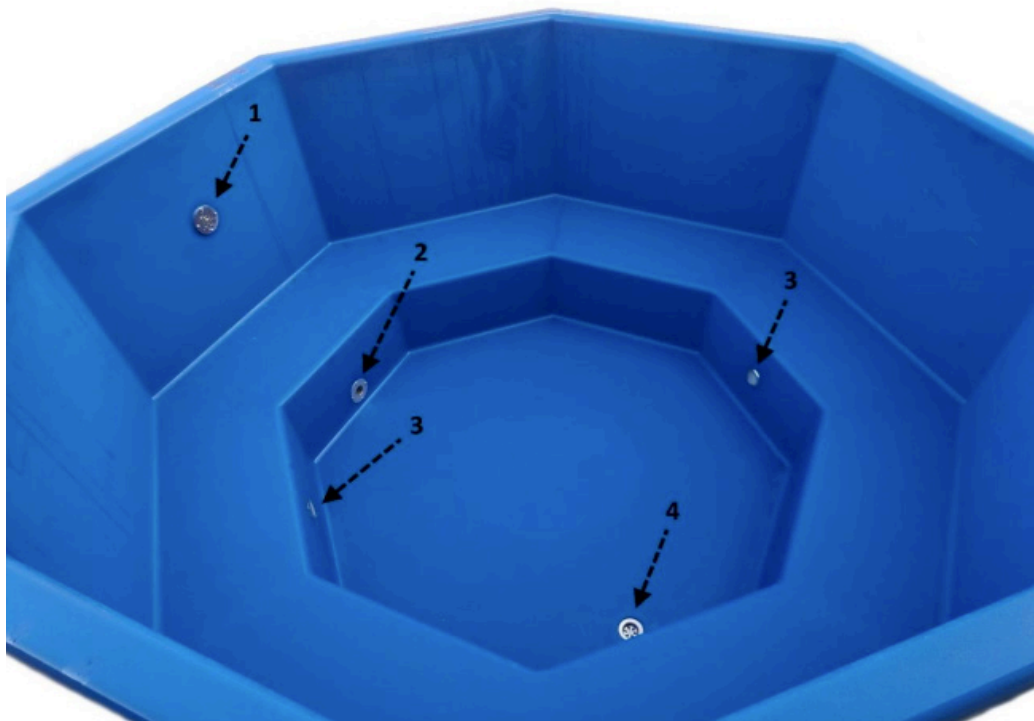


Figure 2: Parts for the hot tub

### Correct mounting sequence:

1. Remove the cardboard and plastic packaging from the different parts.
2. Prepare a flat and hard surface and place the hot tub there
3. Remove the equipment cabinet door. Unscrew the round screws in the lower corner of the cover (shown with an arrow in Figure 3) and lift the cover off.

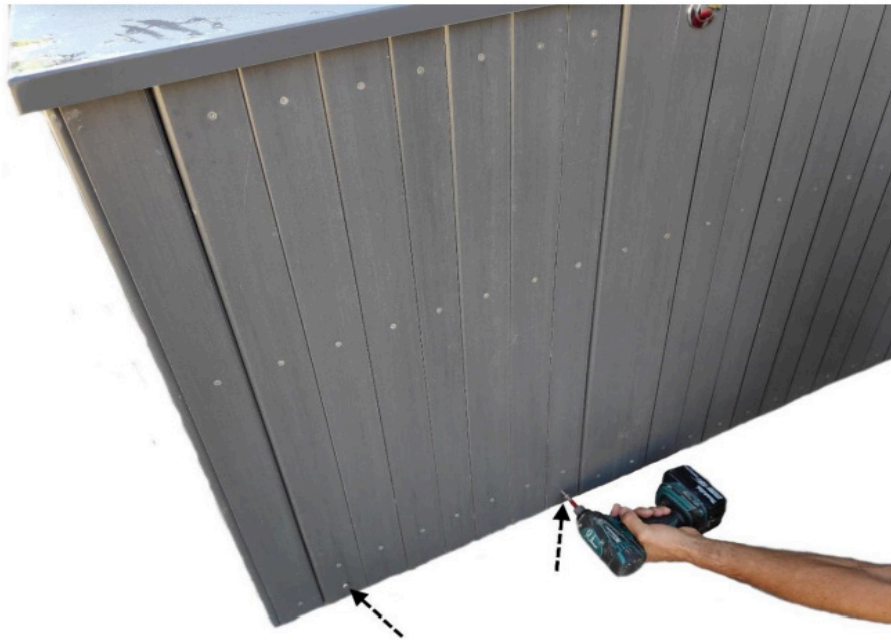


Figure 3. Removing the equipment cabinet door

## The parts of the equipment cabinet

(shown in figure 4 and 5)

1. Opening/entry for filter and heating system
2. Opening/exit for filter and heating system
3. Metal bracket for electrical heater
4. Control panel for LED lights
5. 230V power outlets (3 pcs)
6. Electrical cabinet



Figure 4. Contents of the equipment cabinet



Figure 5. Contents of the equipment cabinet

The power supply to the equipment cabinet as shown in Figure 5 must be provided by a qualified electrician. The electrical part of the installation must be carried out in accordance with the applicable regulations and standards.



Figure 6: Mounting the short hose and filtersystem

1. Attach a short hose to the opening/entry for the filter and heating system and tighten the clamp.
2. Mount the filter system in the equipment cabinet according to figure 6. Refer to the Filter system manual when installing it. The mounting base for the filter system is not necessary when placing it in the equipment cabinet.

3. Connect the electric heater to the short hose you already mounted and tighten the clamp. Attach it to the metal bracket. Refer to the Electric Heater Manual when mounting the electric heater.



Figure 7: Mounting the electric heater

4. Install the pumping system in the equipment cabinet according to figure 8. When installing the pumping system, refer to the pumping system manual.



Figure 8: Installing the pumping system

5. Mount the rest of the hoses according to figure 9 and tighten the clamps.
6. Connecting the electric heater and pumping system to the sockets in the equipment cabinet (see figure 5).
7. Mount the door to the equipment cabinet and fasten the screws.
8. Fill the hot tub with water.



Figure 9: Mounting the hoses



## 4. Usage

Before using the hot tub, please read this instruction and check the following points:

1. Check that the installation has been carried out correctly (according to these instructions)
2. Before switching on the equipment, check that the water in the hot tub is at least 5 cm above the opening/entry to the filter and heating system (top opening).
3. Check that the drain plug of the hot tub is closed.
4. Check that the hot tub is not leaking.
5. Check that the hoses are not leaking.
6. Check that the hot tub, equipment and the hoses in between have been installed correctly (see figure 3 and 10)
7. Check that the temperature of the water is appropriate for usage with a thermometer.

The use of the filter system, pumping system and electric heater should be in accordance with the respective operating instructions.



### **DANGER!**

The hot tub equipment must not be switched on before the hot tub is filled with water.

While the electric heater is heating, the water supply should be secured. Recommended water temperature is 35-38 °C. Higher temperatures may cause health problems.

If you wish to keep the water in the hot tub for a longer period of time and avoid changing the water after each use, we recommend using pool cleaning salts or Dutrion pool cleaning tablets according to the instructions for use. Do not use rough materials or sharp objects to clean the hot tub.

If you do not use the hot tub, it should be covered. It is not allowed to sit, stand or walk on the cover! In winter, do not let the water freeze in equipment or hoses.



**CAREFUL!**

Using chlorine or other chemicals not approved by Polhus may void the warranty.



**CAREFUL!**

Improper maintenance or use may void the warranty.

## 5. Other hazards

Other hazards are risks that remain after the product's safety measures have been put into use.



**DANGER!**

Don't leave children unattended in the hot tub or in its proximity. Drowning hazard!



**DANGER!**

Wet surfaces can be slippery. Danger of injury!

## 6. Maintenance

It is recommended to wash the hot tub after each use. The hot tub may be cleaned with a pressure washer, but you can also use household items such as rags or sponges.

Disconnect from the main electric supply before maintenance, cleaning or any kind of change in the equipment cabinet. The wooden panels of the hot tub should be treated with wood oil once a year.

Maintenance of the filter system, pump system and electrical elements should be carried out according to the respective operating instructions.

## 7. Warranty

The warranty concerns defects in materials and production defects, and is valid for 36 months except for equipment which is guaranteed for 24 months. The warranty is valid if the user has read and complied with the product's operating and maintenance instructions.

NOTE! For products for commercial use, other warranties apply.

- The warranty does not apply to defects that are characteristic of wood, such as changes in colour, changes due to periodic moisture, cracks, etc.
- Frost damage is not covered, as it is possible to avoid it with proper use of the product. Damage caused by extreme situations or other extreme weather phenomena is not covered by the warranty.
- Normal wear and tear due to use is not covered by the warranty. The warranty also does not cover colour changes in the plastic parts of the hot tub caused by chemicals or sunlight.
- The warranty does not cover corrosion damage due to misuse of chemicals.
- The warranty also does not cover other costs such as construction or demolition of the terrace.
- The warranty does not cover damage caused by water that has entered the bubble system, as such damage can be avoided with proper use.
- The warranty is void if you attempt to modify or repair the product on your own, or if it is used improperly.
- The warranty does not apply if the product has been stored in the wrong position or in the wrong environment.
- The guarantee is valid if the buyer informs the supplier within a reasonable time (7 days) of the defect becoming apparent. The buyer must clearly describe the nature of the defect.