



## External heater hot tub

User and maintenance manual

Koriks-Fiiber OÜ

2020

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## 1 General information

The user and maintenance manual of the product includes information about the manufacturer, intended use, handling, transport, assembly, operational use and maintenance of the product.


This manual should be used as a how-to guide during the operation and maintenance of the product.


This manual covers the following hot tubs.


Model	Product weight	Total weight with water (kg)	Capacity (L)
Koriks 800 L	140	940	800
Koriks 1000 L	180	1180	1000
Koriks 1100 L	180	1280	1100
Koriks 1200 L	180	1380	1200
Koriks 1500 L	200	1700	1500
Koriks 1600 L	230	1830	1600
Koriks 1650 L	240	1890	1650
Koriks 1700 L	230	1930	1700
Koriks 2300 L	260	2560	2300

Total weights do not include the weight of the people in the hot tub. When installing, make sure that the floor is able to support the total weight of the product together with the expected weight of the users.

### 1.1 Symbols

	<b>DANGER!</b>	<b>Immediate danger!</b>
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	<b>CAUTION!</b>	<b>A potentially hazardous situation.</b>
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	<b>ATTENTION!</b>	<b>Note!</b>
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## 1.2 Definitions

**Product** – hot tub with an external heater.

**Handling** – transporting, installing or doing maintenance work with the product.

**Operational use** – using the product after correct handling and installation.

**Assembly** – assembly or installation of different parts.

**Transport** – moving the product from one location to another. Transport also includes lifting the product or its parts from one location to another.

**Residual risks** – risks that are present during operational use of the product.

**Maintenance** – actions related to cleaning, repairing or replacing parts of the product.

**Operator** – anyone who is associated with transport, handling, installation or maintenance of the product.

**Warranty** – a period after the product has been sold during which the manufacturer is responsible for the technical condition of the product. The warranty lasts 24 months from the date of purchase.

**Hot tub** – part of the hot tub that holds the water.

**Equipment** – filter, pump and heater (see Photo 1), which are connected to the hot tub for heating and purifying the water inside the tub.

## 1.3 Warnings

The warranty is valid only when this manual and its requirements are followed.

Handling and maintenance may only be performed by operators who have read and understood this manual.

The operators must be at least 18 years of age and must have understood this manual.

The operator must wear safety equipment during all times.

All operations must be stopped immediately if a dangerous situation arises during handling or operational use of the product. The rescue service must be notified if necessary.

All assembly and maintenance operations must be done by qualified and skilled operators.

If the construction of the product is modified, the product must be tested and approved by the manufacturer or its representative.

During the handling, installation, maintenance, and operational use of this product and its different parts, all necessary state laws/regulations must be considered (in addition to the content of this manual) to ensure the safety of users and the validity of the warranty.

No warranty is provided against damage resulting from modification of the product or use of non-original parts not approved by the manufacturer.

Please contact the manufacturer regarding any questions about this manual.

Please contact the manufacturer regarding any points that are not covered in this manual.

#### 1.4 Manufacturer's information

Koriks-Fiiber OÜ

[www.koriks.ee](http://www.koriks.ee)

Reg. No.: 10959488


Sooja 6, Saue, Harjumaa 76505


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## 2 Intended use

The hot tub is intended for use only outdoors and can be used all year round. Water in the hot tub can be heated with an electric heater. There is a separate guide for using an electric heater; this manual does not cover it.

It is prohibited to use the product for unintended purposes.

	<b>DANGER!</b>	<b>Using the product indoors is strictly prohibited. It may lead to serious injury or death.</b>
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	<b>ATTENTION!</b>	<b>Using the product for unintended purposes may damage property or the product or cause health hazards.</b>
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	<b>CAUTION!</b>	<b>The use of non-original parts may damage the product and pose a threat to human life.</b>
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## 3 Transport, assembly and installation

### 3.1 Transport

The hot tub is transported upright on one side, on a pallet.

Before opening the packaging make sure that it is not damaged. If the packaging is damaged, mark the damage on the transport documentation (CMR).

The weight of one packaging is approximately 110–260 kg (depending on the model).

Before assembling and installing the product, please remove the film and cardboard packaging from the product.

Before placing the hot tub in the correct position, remove the packaged equipment stored inside.

At least three people are needed to lift the hot tub into the correct position. If possible, use a lifting device.

After the hot tub is in the correct position, remove the pallet from the side.

### 3.2 Assembly and installation

After opening the packaging, make sure that all the parts shown in Photo 1 are present. In the case of defects, contact the manufacturer.

The packaging includes the following parts.

1. Fiberglass hot tub
2. Wooden finishing with a special equipment cabinet
3. Filter system
4. Electric heater
5. Pump system
6. Short hose (2 pcs)
7. Filter balls (filter element)
8. Long hose (2 pcs)



Photo 1 – Content of the packaging

Parts of the hot tub:

1. Filter and heating system inlet opening
2. Filter and heating system outlet opening
3. LED lamp
4. Water drain plug



Photo 2. Parts of the hot tub



The correct assembly order is as follows.

1. Remove the plastic and cardboard packaging from different parts.
2. Install the hot tub on a hard, flat, pre-prepared surface.
3. Remove the equipment cabinet hatch. To do this, unscrew the round head screws in the lower corners of the hatch (shown with the arrow in Photo 3) and lift the hatch off.



Photo 3. Removing the equipment cabinet hatch

Parts of the equipment cabinet (see Photos 4 and 5):

1. Filter and heating system inlet opening
2. Filter and heating system outlet opening
3. Installation base of the electric heater
4. Control module of LED lights
5. 230V sockets (3 pcs)
6. Electric box



Photo 4. Content of the equipment cabinet

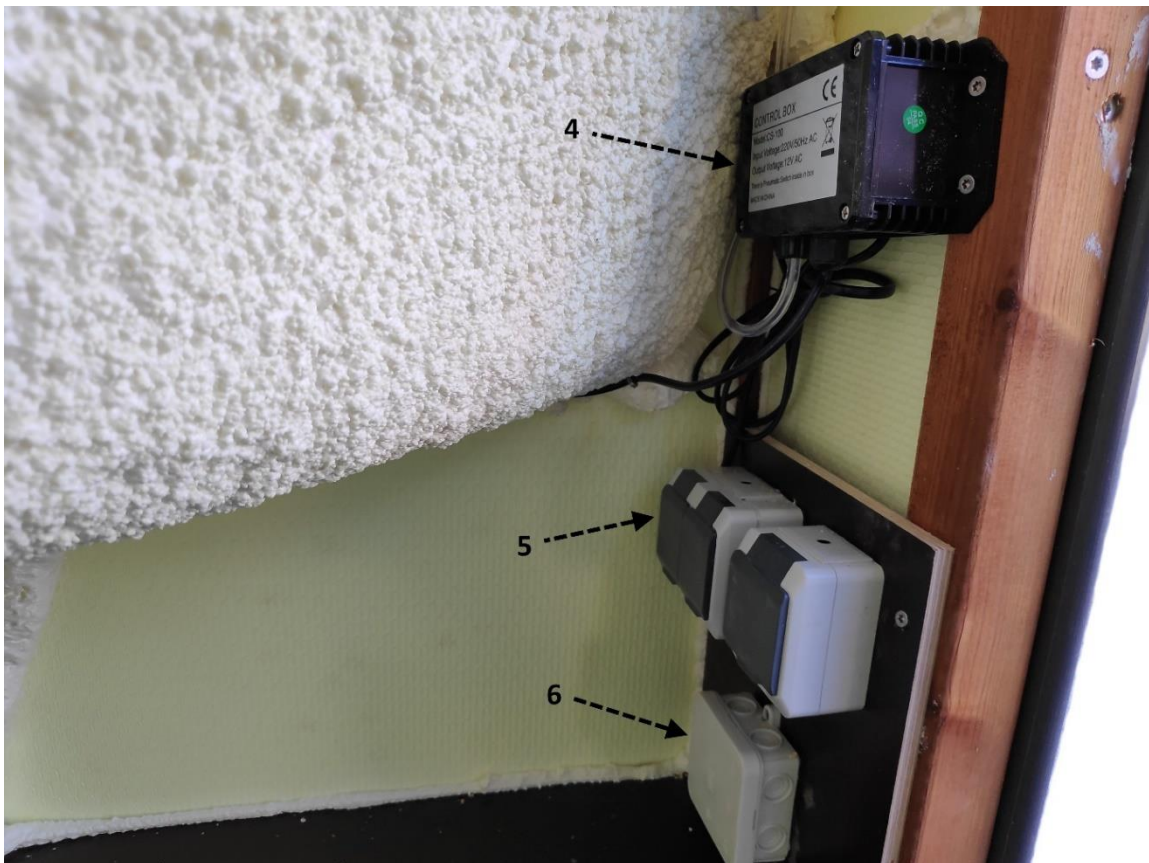


Photo 5. Content of the equipment cabinet

The connections to the electric box shown in Photo 5 must be done by an electrician. The electrical installation must comply with the applicable requirements and standards.

1. Attach the short hose to the outlet of the filter and heating system and tighten the clamp.



Photo 6. Installation of the short hose



2. Place the filter system in the equipment cabinet as shown in Photo 7. When installing the filter system, follow the instructions for the filter system. The mounting base included in the filter system package is not required for installation in the equipment cabinet.



Photo 7. Installation of the filter system

3. Connect the electric heater to the pre-installed short hose. Tighten the clamps. Attach the electric heater to the mounting base. When installing the electric heater, follow the instructions for the electric heater.



Photo 8. Installation of the electric heater



4. Place the pump system in the equipment cabinet as shown in Photo 9. When installing the pumping system, follow the instructions for the pumping system.



Photo 9. Installation of the pumping system

5. Place the rest of the hoses as shown in Photo 10. Tighten the clamps.



Photo 10. Installation of the hoses


6. Connect the electric heater and the pump system to the sockets in the equipment cabinet (see Photo 5).
7. Replace the equipment cabinet hatch and fasten with screws.
8. Fill the hot tub with water.

## 4 Operational use

Read this manual before operating the hot tub and check the following aspects.

1. Make sure installation work has been carried out correctly (following this manual).
2. Before switching on the devices, make sure that the hot tub is filled with water so that the water covers the inlet opening of the filter and heating system (upper opening) by at least 5 cm.
3. Make sure the drain plug of the hot tub is closed.
4. Make sure the hot tub is not leaking.
5. Make sure the hoses are properly connected.
6. Make sure that the hot tub, devices and their connecting hoses are properly installed. See Photos 3 through 10.
7. Make sure the water temperature is suitable for use. Use a pool thermometer for this.

The filter system, pump system and electric heater must be used in accordance with the operating instructions for these devices.

	<p><b>DANGER!</b></p>	<p><b>The hot tub equipment must not be switched on until the tub has been filled with water.</b></p>
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Water circulation must be ensured during heating with an electric heater.


The recommended water temperature is around 35–38 °C. Higher water temperatures may cause health problems.

If you want to keep the water in the hot tub longer and not change it after each use, we recommend using pool salt or Dutrion pool tablets according to the instructions.


Do not use abrasive or rough material or sharp objects to clean the hot tub.

If you are not using the hot tub, place a cover on it. It is not allowed to sit, stand or walk on the cover!

Do not allow equipment and hoses to freeze in winter.


	<p><b>CAUTION!</b></p>	<p><b>Use of chlorine or another chemical not approved by Koriks-Fiiber OÜ will void the warranty.</b></p>
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	<b>CAUTION!</b>	<b>Incorrect maintenance or use may void the warranty.</b>
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## 5 Residual risks

Residual risks are risks that remain even after the safety precautions of the product have been applied.

	<b>DANGER!</b>	<b>Do not leave children unsupervised in or near the hot tub. Danger of drowning!</b>
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	<b>DANGER!</b>	<b>Wet surfaces might cause slipping. Risk on injuries!</b>
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## 6 Maintenance

It is recommended to clean the hot tub after each use. The hot tub can be cleaned with a pressure washer, and household detergents, cloths and sponges may be used.

Unplug this product from the wall outlet before servicing, cleaning, or making any modifications to the equipment cabinet.

The wooden finishing of the hot tub must be treated with tar oil at least once a year.

Maintenance of the filter system, pump system and electric heater must be carried out in accordance with the operating instructions for these devices.

## 7 Warranty

The hot tub has been given a material and production defect warranty for a period of 24 months. The warranty is valid only if the user has read and understood the user and maintenance manual and follows it.

Note! Products designed for commercial use have a different warranty period.

This warranty does not cover flaws such as colour changes, problems caused by humidity, cracks, etc. which are common to wooden materials.

Frost damage is not compensated, as it can be avoided through the correct use of the hot tub.

Damage caused by extreme events or other weather phenomena is not covered by the warranty.

Normal wear resulting from the use of the product is not covered by the warranty.

The warranty does not cover discolouration of the plastic part of the hot tub caused by the use of chemicals or the sun.

The warranty does not cover corrosive damage resulting from the incorrect use of chemicals.

Additional costs such as building or taking down the terrace are not subject to be compensated under this warranty.

Damage caused by water entering the pump of the bubble system is not covered by the warranty as it can be prevented if used correctly.

The warranty becomes void if the product is tampered with, repaired or not used for its intended purpose.

The warranty becomes void if the product has been stored in the wrong position or in unsuitable conditions.

The warranty is valid if the buyer informs the manufacturer of the defect within a reasonable time (7 days). The buyer must be able to reliably prove where and when the product was purchased and clearly state the nature of the defect.

## 8 Contact information

Koriks-Fiiber OÜ

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