

Assembly preparation of the hot tub

In case of purchasing a thermocover, you must allow for 20 cm of free space alongside the longer sides of the tub and extra 60 cm next to the place where the thermocover will tilt. If the hot tub is imbedded, it is necessary to allow for 60 cm of free space around the whole perimeter of the hot tub and it is not possible to use a thermocover lift. If the hot tub is to be placed next to a house wall or a terrace, an access to side panels from all sides of the hot tub must be ensured. It is required that during the installation, repairs and winterization, an access to all side panels from all sides of the hot tub is secured or a possibility to move the hot tub for the reasons mentioned exists.

Do not install the hot tub in places where there is a risk of sunlight being amplified by glass surfaces, which can cause extremely high temperatures. For example, if the hot tub is located under a glass roof, etc. Damages caused by these circumstances are not covered by the warranty!

If the installation requires a crane, customers reserve it themselves. The crane is required only for installation of the hot tub on a raised floor or when the location of the hot tub placement is poorly accessible. The customer reserves a sufficient number of people to handle the hot tub installation. For smaller models it is usually 4 people, the bigger ones require 7 people. Do not lift the bath by any part of the pipe-work!

If the instructions in this document are not complied with, the technician will not be able to connect the hot tub. The technician is allowed to leave the place of the installation in that case and the customer loses their right for a refund. Any following plans for finishing the installation will abide to the installation calendar and the customer will be charged for them.

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ASSEMBLY PREPARATION OF THE HOT TUB HC EASY POOL

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Dear customer,

we would like to thank you for the trust you have put in our product and us. We sincerely hope you are going to be satisfied using the hot tub. To ensure a faultless installation of the hot tub, it is necessary to comply with the following described steps.



1. Underlay for the installation of the tub

The HC EASY POOL must always be installed on a flat, strengthened surface. The surface must be strengthened sufficiently, taking into account the dimensions and weight of the hot tub. Ideally, we recommend you to prepare an at least 15 cm thick base plate/slab with a gravel base. The weight of the hot tub depends on the model. It is necessary to take into account the weight of the hot tub + water + the people using it (approx. 1 700 to 3 300 kg). Consult your building supervisor about the thickness of the slab. If you decide to place the hot tub on the ground, possibly embed it below ground level, it is necessary to place a water drain at the installation site, however, not under the bath. In the case of the embedding of the hot tub, a free access area of 60 cm must be maintained around the entire perimeter of the hot tub for servicing work purposes. The area must be perfectly drained and deaeriated. Before any servicing or winterizing, the customer must remove the floor covering and ensure troublefree access for the servicing technician!

2. Preparation of the electrical connection of hot tubs 3× 230/400 V

The HC EASY POOL is prepared by us for an electrical connection of 3× 230/400 V ~ alternating current. Therefore, use a circuit breaker with a rating 3× 20 A Type C or Type D.

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Alternatively, a one series higher version of 3× 25 A Type C or D. It is necessary that the wiring is equipped with a Residual Current protective Device of the rated value 40 A, which will only be used for the given appliance. The product does not use the 400 V phase to phase voltage. It is also possible to set the connection to 1× 230 V, which is however not recommended due to the necessary limitation of functions. Requirements for single-phase connection are described in the table below.

A qualified person must provide a supply cable with a conductor cross-section of 5× 4° for a 20 A circuit breaker of characteristics C or D. With a conductor cross-section of 5× 6° for a circuit breaker of 25 A characteristics C or D. A three-phase circuit breaker 40 must be installed in front of the circuit breaker A (this value is due to a larger current surge). The cable must still have 10 usable meters at the point of the whirlpool, so that it can be pulled through and connected to the control unit without complications. Do not route the cable under the hot tub, but always through the grommet!

3. Technical data

type of connection	3× 230/400 V ~	1× 230 V ~
nominal voltage	three phase	one phase
	3× 230/400 V 50 Hz	1× 230 V
total wattage	up to 11 kW/h	up to 11 kW/h
value of circuit braker	from 3× 20 A/C or D to 3× 25 A/C or D	50 A/C or D
connection cable	5× 4° (circuit braker 3× 20 A/C or D) or 5× 6° (circuit braker 3× 25 A/C or D)	CYKY 3J × 16
protectivce conductor	1× 4°/6° according to the selected cross-section of the conductor in the supply cable	1× 16 mm
ground fault circuit interrupter	3× 40 A	50 A

4. Other information

Fill the hot tub with water with a garden hose using the skimmer, drain the hot tub once every three months (in regard to the frequency of its usage). Before you drain the hot tub, make sure the concentration of the chemicals is lowered enough not to create risks for wastewater purifying plants and organisms living in the water. If you are not sure, ask the local sewerage facility.

Do not ever drain the water into a septic tank or home wastewater purifying plant!