

REQUIREMENTS ON THE CLIENT PRE-SITE PREPARATIONS

Model Swim Spa XL in cabinet
automatic cover ACS® - variant right



! THINGS TO KEEP IN MIND BEFORE INSTALLATION

i SELECTING A LOCATION

- When selecting the position of the swim spa, consider turning it so that you have the best view of the surroundings when bathing, especially when resting on the stairs. The selected rotation must correspond to the preparation of foundation and piping.
- For installation of the swim spa, select an unshaded place, ideally in the leeward side.
- If possible, place the swim spa close to the house in order to increase comfort during winter months. It is important that the selected location is easily accessible.
- It is necessary to shower before using the swim spa, therefore it is an advantage to have a shower in close proximity to the swim spa.

i SPACE REQUIREMENTS

- Place the swim spa in a position so that the technological entrance is accessible for servicing and maintenance. Leave at least 80 cm of free space in front of the technological entrance.
- Do not forget to have a suitable space for placing the cover. Keep in mind that after opening the cover, condensed water will drop from it.
- If the swim spa is equipped with mechanical cover MCS®, it is necessary to leave 50 cm of free space around the perimeter of the swim spa.
- If the swim spa is located inside or under a roof, there needs to be at least 140 cm of free space above the swim spa in order to allow the cover to open.
- **For the Swim Spa XL with the automatic cover ACS® into the ground, request specific pre-site preparations.**

The pre-site preparations must always be solved according to local conditions. The processing of these documents into the project is the task of the buyer's designer, who is responsible for any potential adjustments related to the specific construction site and location.

i SPECIFICS OF EXTERIOR INSTALLATIONS

- An outside installation of the swim spa with cabinet requires an even reinforced surface with sufficient load-carrying capacity.
- In case of installation on a roof terrace, the load-carrying capacity must be verified by a structural engineer.
- Ensure that there is sufficient drainage around the swim spa in case of intense rain.

i SPECIFICS OF INTERIOR INSTALLATIONS

- For interior installations, it is necessary to ensure that the floor and walls are protected with suitable humidity-resistant covers.
- **The room needs to be equipped with a floor drain.**
- In small or excessively heated areas (Aqua parks etc.), the water in the swim spa could potentially overheat without the electrical heating turned on. In this case it is necessary to ensure that the technology under the swim spa is ventilated by air from a cooler area.
- Using the swim spa and removing the cover increases the humidity in the room, therefore it is recommended to ensure suitable ventilation or installing a dehumidifier.
- Please note that the swim spa may produce noise when in operation, therefore it is important to adapt building structures and cover materials.

! INSTALLATION / MOVING

- The minimum dimensions for moving the swim spa are listed in the model specification table. These dimensions will ensure that the swim spa will pass through gates, between houses, fences, around corners etc.
- Delivery is usually carried out by two employees of the seller.
To move the swim spa from the destination point, the crane must be used.
The crane is provided by the buyer.
- If the crane cannot be used for transport, e.g. for indoor installation, it is necessary to contact the swim spa reseller in advance about an alternative transport method.



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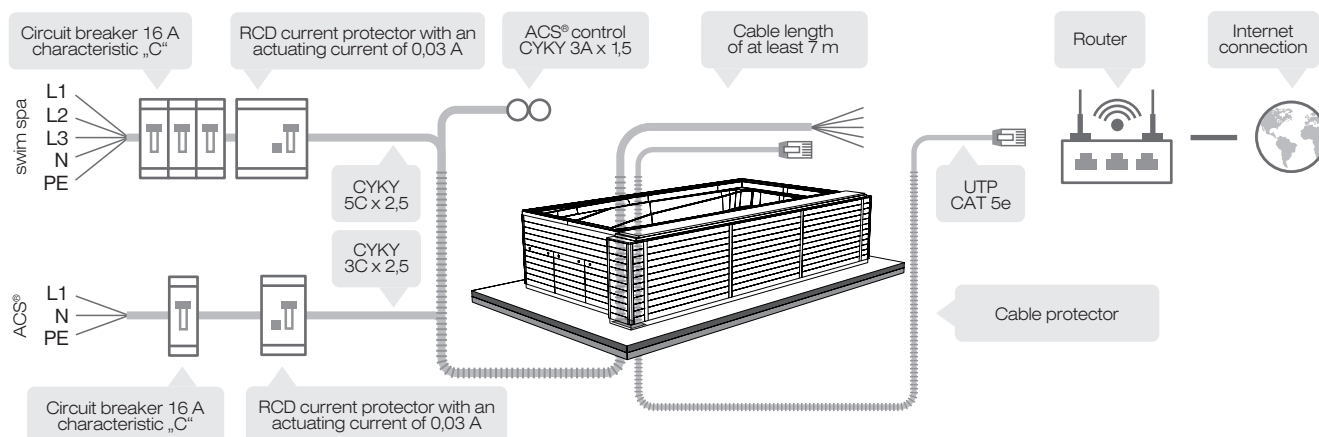


! POWER CONNECTION

- The swim spa requires a separate circuit with a RCD protector, actuating current of 0,03 A.
- Standard swim spa connection – 16 A circuit breaker, characteristic "C", TN - S 3+NPE AC 400 V 50 Hz, CYKY 5C x 2,5 conductor, maximum synchronous power drain of 6,8 kW.
- ACS® connection - circuit breaker 16 A, characteristic „C“, TN- 1+NPE AC 230V 50Hz, wire CYKY 3C x 2,5, maximum synchronous power drain of 1 kW.
- ACS® control - CYKY 3A x 1,5 conductor opening into two flush-mounted (interconnected) boxes, which must be located in close proximity to the swim spa.
- The ACS® control must be located so that the operator has a continuous view of the entire cover.
- When heating water using a heat exchanger, it is necessary to install the heating water supply (65 °C) and a wire for the heating water start signal CYKY 2A x 1,5 from the boiler room or heating control unit to the technological shaft.
- In case of a request to block the HT (high tariff) heating, it is necessary to secure a voltage-free LT (low tariff) switching contact and CYKY 2A x 1,5 wire.
- The minimum length of the power supply cable must be 7 m from the point defined in the attached installation alternatives. The conductor must always be directly and firmly connected to the swim spa switchboard.

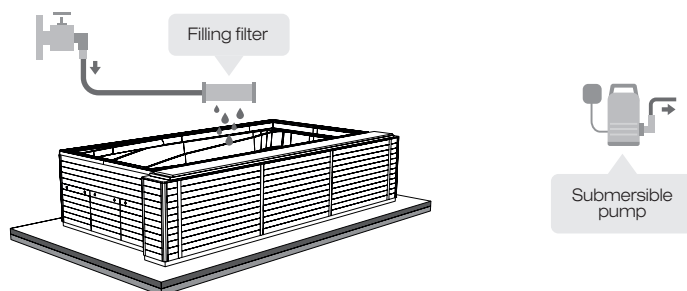
! INTERNET CONNECTION

- In order to connect the swim spa to the internet and potentially to smart house administration, it is necessary to use a UTP CAT 5e cable.



! WATER SUPPLY AND DRAINAGE

- Swim spas are separate units; we do not recommend a fixed connection to the water supply or drainage and we do not provide such installations.
- The swim spa should be filled using standard tap water. Untreated water, e.g. from wells, may contain various minerals that could complicate the treatment of water in the swim spa or damage certain swim spa components. Such defects are not covered by the warranty.
- When filling the swim spa with water, we recommend using a filling filter (available at your reseller).
- The ideal way of draining the swim spa is by using a submersible pump

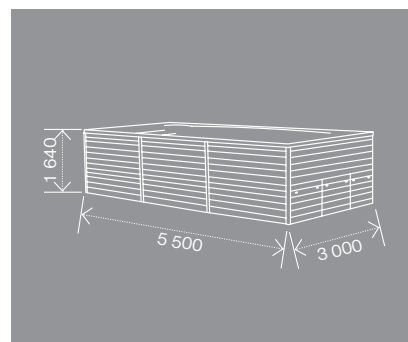
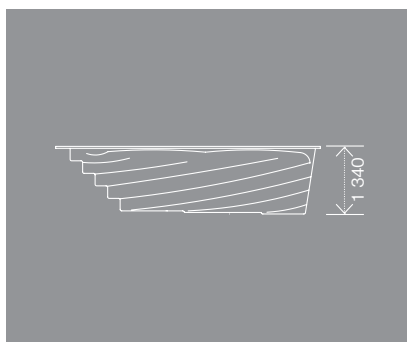
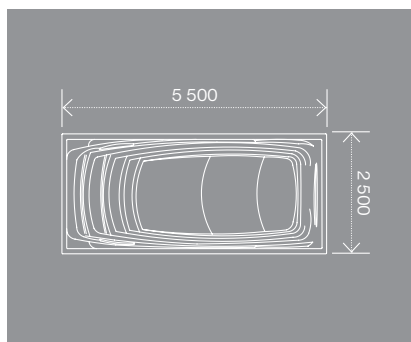


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i BASIC MODEL SPECIFICATION



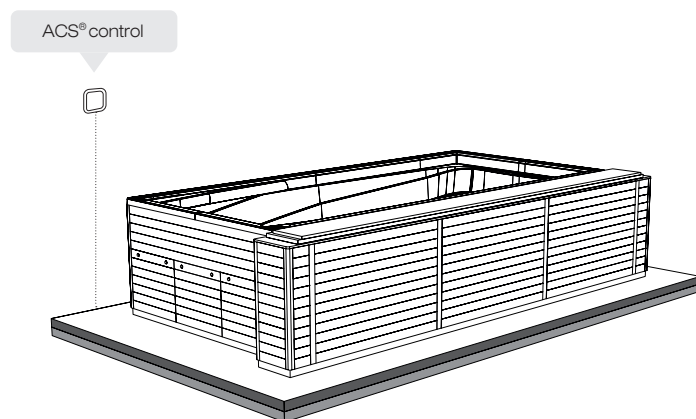
Dimensions of the shell	5 500 × 2 500 × 1 340 mm
Dimensions Swim Spa XL with ACS®	5 990 × 3 000 × 1 640 mm
Min. spacial requirements in case of moving	6 190 × 3 200 × 1 840 mm

Water volume	10 200 l
Dry weight	1 800 kg
Weight with water	12 000 kg

! INSTALLATION ALTERNATIVE WITH ACS®

in a wooden cabinet right

- Swim spa must always be installed on a solid and level surface with sufficient load capacity, e.g. reinforced concrete slab.



Example how to prepare the foundation

Concrete desk with a thickness of 15-20 cm and with the following composition:

- Concrete with steel mesh
- Compressed gravel

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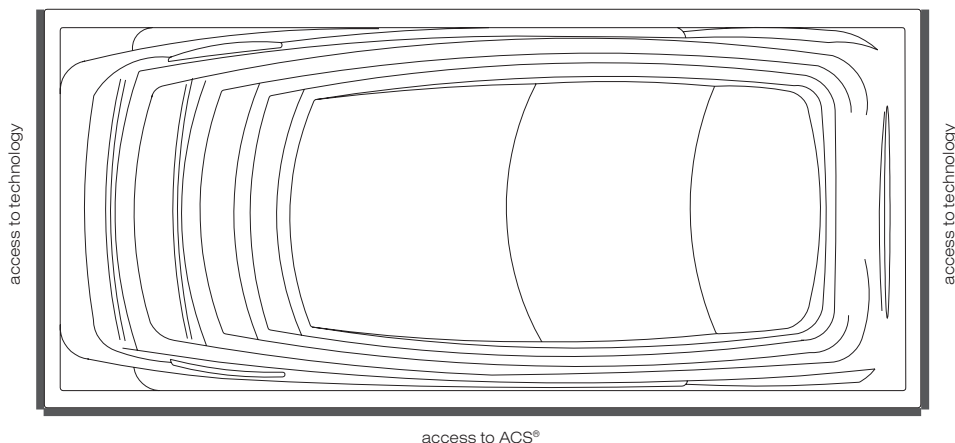
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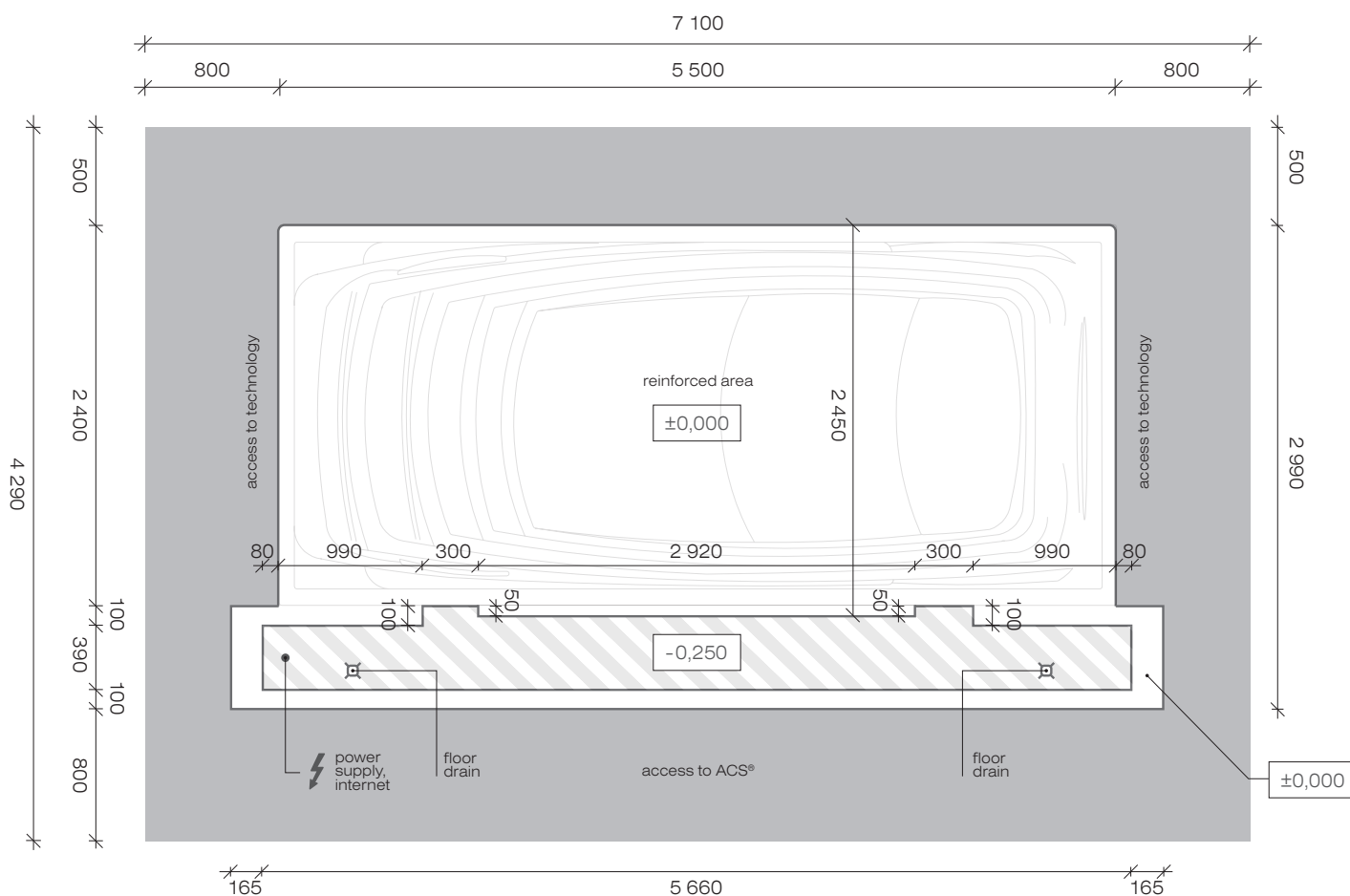


❗ INSTALLATION ALTERNATIVE WITH ACS® in a wooden cabinet right

orientation swim spa



Free space
for access to ACS®



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