

Number	Description	Db
AKU 1830	Filter house for floating 50 sqf filters	2
ACM0860	Control Panel - IN.K1001	1
AKU 1893	On-Off tap house 33 transparent V2	1
AKU 1892	Air Regulator - house led lighted V2	2
AKU 2101	Fountain laminar V2	6
ABE0443	Suction 2 1/2"-2"	4
ACM0874	Speaker 3" (2 way)	2
AKU 2104	Adapter for swim theter V2	1
ACM0874	Speaker 3" (2 way)	2
AJ00217	Jet 3" - transparent 1 Hole Rotation transparent V3 Wellis	18
Aj00214	Jet 2" - transparent 1 Hole transparent V3 Wellis	6
AKU 1720	Suction 48	2
AJ00169	Jet - 20 SB - Ozone 90°	1
AKU 2099	Led house V2	18
ACM0080	Spa Pump 3 HP - One Speed	1
ACM0775	Control BOX - IN.Yt-3	1
ACM0834	Circulation pump PCF100 1100 W without prefilter	1
ACM0888	UV-C Stainless steel house set	1
ABE0413	Turbin hosue	1
ACM0857	Controlbox for turbin	1
ACM0769	Amplifier - InStream 2	1
ACM0849	Subwoofer 288W	1
ACM0901	Wifi receiver in.touch 2 Gecko EU&UK	1
ACM0881	In.Grid external heater controller and 4 ways	1
ACM0867	UV-C control electronics	1
ACM0802	Led Control Box	1

1400 Depth

Product family: SwimLine

Sheet name: <b>DANUBE - 2019 Turbina</b>		Projection		
File name: <b>FJ_WU00036_ENG_Danube-2019_Tubina_úszómedence_jav</b>				
Dimension SPA: <b>2350x4500x1470 mm</b>		Min. electrical needs: <b>240 V - 35A - 50Hz - 3 kW Heater</b>		
Weight of the SPA: <b>kg</b>		Control box: <b>Gecko IN.YE-3 + IN.K1000</b>		
Rim height: <b>150 mm</b>		Approved by:		Pr. No: <b>P-00182</b>
Minimum water: <b>5913 liter</b>		Created: <b>2019. 09. 27.</b>		Fe. No:
		Drawer: <b>bato.peter - 2019. 09. 27. 10:30:19</b>		Number: <b>WU00036</b>
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## Installation instruction

### **Residual-Current Device (RCD) having a rated operating residual-current not exceeding 30 mA is must**

The stated dimensions are for reference only. The actual dimension may be different from the specified

**L:** Drain diameter: 50 mm

**E:** 3 m cable is required for the electrical connection through the spa skirt.

### Cable length/cross section

- Minimum requirement: cable length is maximum 15 m, 3x6 mm<sup>2</sup> core flex cable is necessary (230V) - In this case the massage motors and the heating won't work at the same time.
- For full operation: cable length is maximum 15 m, 5x4 mm<sup>2</sup> core flex cable is necessary (400V) - In this case the massage motors and the heating work at the same time.

### Attention

**The hot tube will be installed only if the electrical contractor makes declaration of the installation of Residual-Current Device and proper fuses**

## Initial installation

The installation or making any repair are allowed only for properly skilled person.

Disconnecting device has to be installed when the spa is directly connected to the electricity networks.

### 1. Site preparation

#### a. Indoor / Basement installation

If you place your spa indoors, be aware of some special requirements: Water may accumulate around the spa, so the flooring material must have a proper runoff to avoid accumulation of water. When building a new room for the spa, constructing a floor drain is required, or damages may occur due to overflow, overfilling, or technical failure. Our company does not take responsibility for any damage in absence of floor drainage. Humidity will naturally increase in the room where the spa is located and the evaporated water condenses. For this reason ensure that the area has proper ventilation. We recommend installing a dehumidifier in the room.

#### b. Outdoor and patio installation

A solid horizontal foundation is necessary for installation of the spa. We advise using a reinforced concrete foundation at least 10-15cm thick. Ensure that your deck or foundation will support your spa. You must know the maximal load capacity of the foundation. Consult a qualified building contractor or structural engineer. To find out the weight of your spa, its contents and occupants please refer to the spa specification chart. This weight must not exceed the structure's rated capacity per square meter, otherwise serious structural damages could result. If you install the spa outdoors, we recommend a reinforced horizontal concrete pad at least 10-15cm thick.



Install floor drains around your spa to lead water away even in heavy rain. When constructing the water drain it is advised to form a 10-15cm deep sloping ditch around the spa which directs water to the drain. Water from the drain must be directed to the canal or a drainage with enough capacity.

**Warning:** Do not expose the spa to direct sunlight (not even empty) without proper coverage. The insulated spa cover preserves the water temperature and provides protection from sunlight and rain. When exposed to sunshine for a longer period it may damage the surface of the spa and the spa equipment. Acrylic rapidly absorbs heat from sun rays, thus reaches a very high surface temperature which may damage the spa. In case of sealed design, if the spa was placed between glass structures, prevent the sun rays from reaching the spa directly through the glass as the temperature may get too high.

#### c. In-Ground / Sunken Spa

In case of sinking the spa into the ground you must make sufficient space for walking around the spa. For completion of maintenance works a minimum of 60cm wide inspection pit must be built around the spa.

The inspection pit's bottom must be under the bearing point of the spa so that water can flow into the pit in case of water leakage. A floor drain or sump pump should be used at the bottom of the pit to ensure continual water drainage.

In case of sinking the spa only the portion below the spa's acrylic edge can be sunk. The air of the inspection pit steams up. To prevent unpleasant odors proper ventilation must be provided (e.g. installing ventilators). The costs of pulling the spa out of the ground are borne by the user. If the aforementioned conditions are not present, setting up the spa may fail.

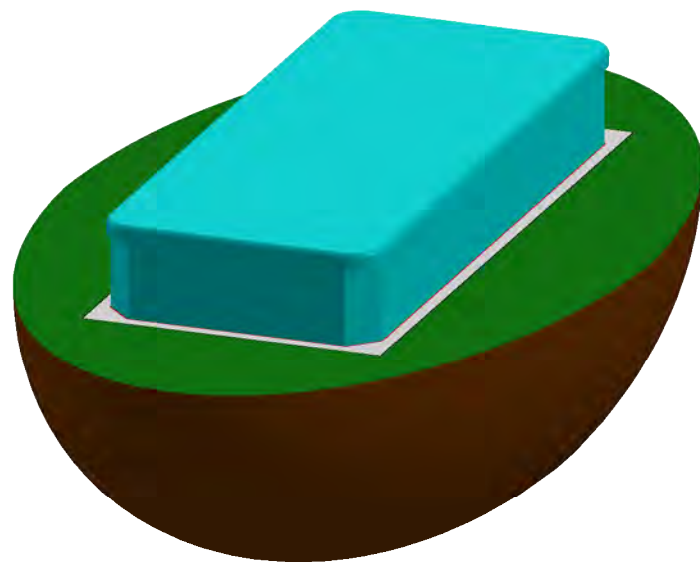
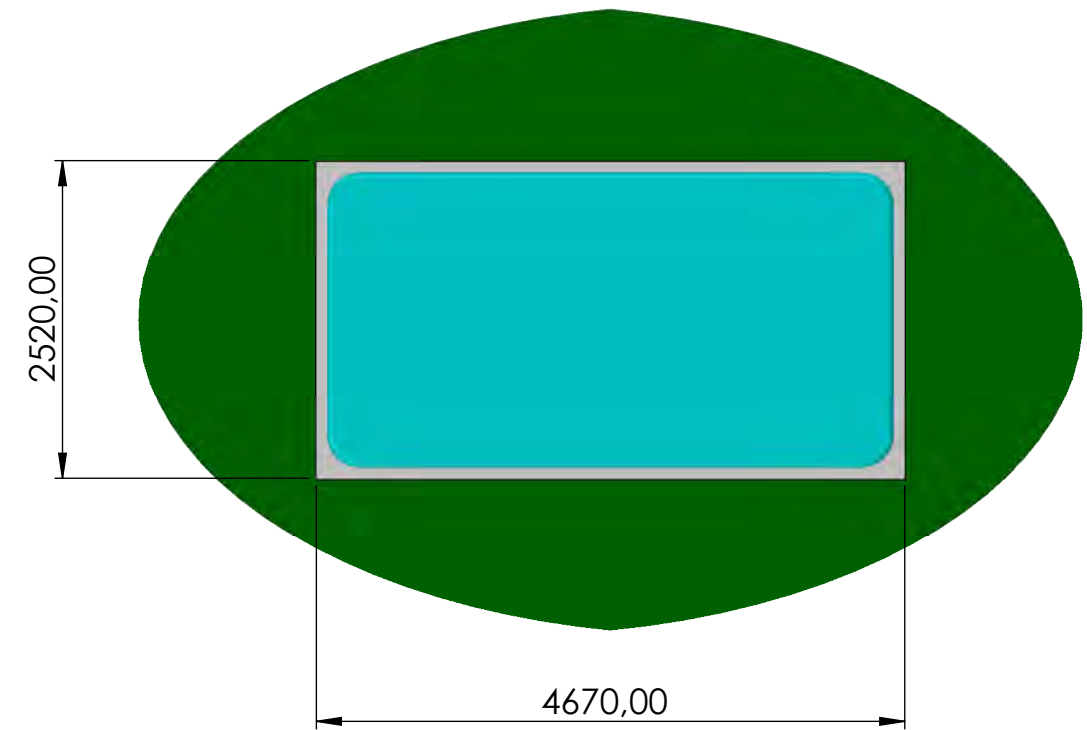
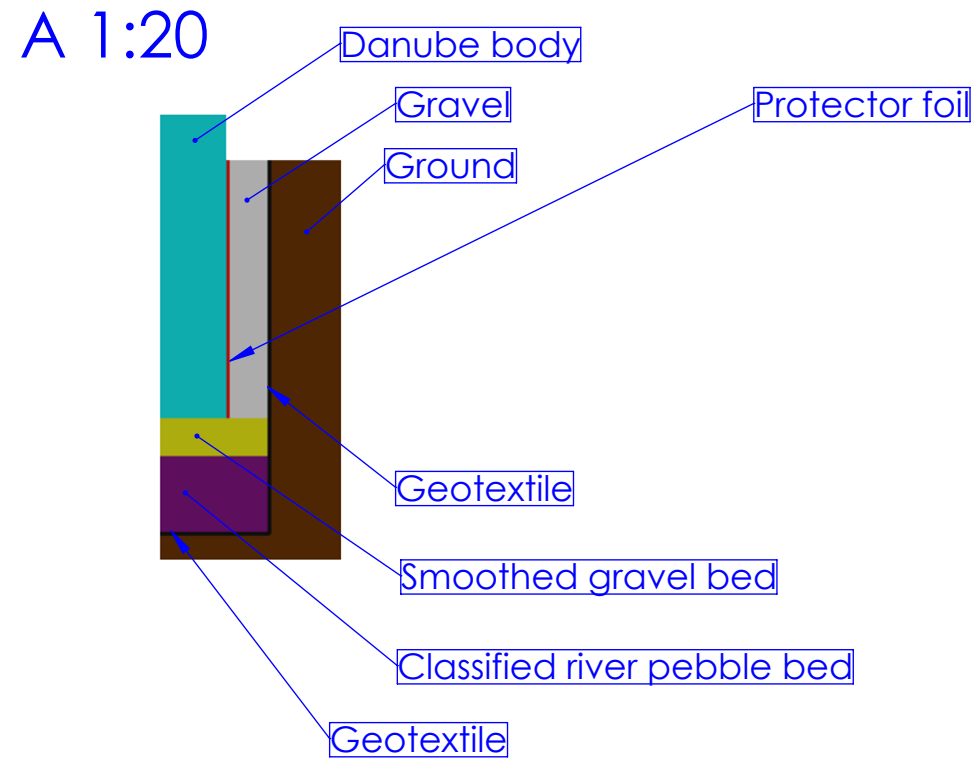
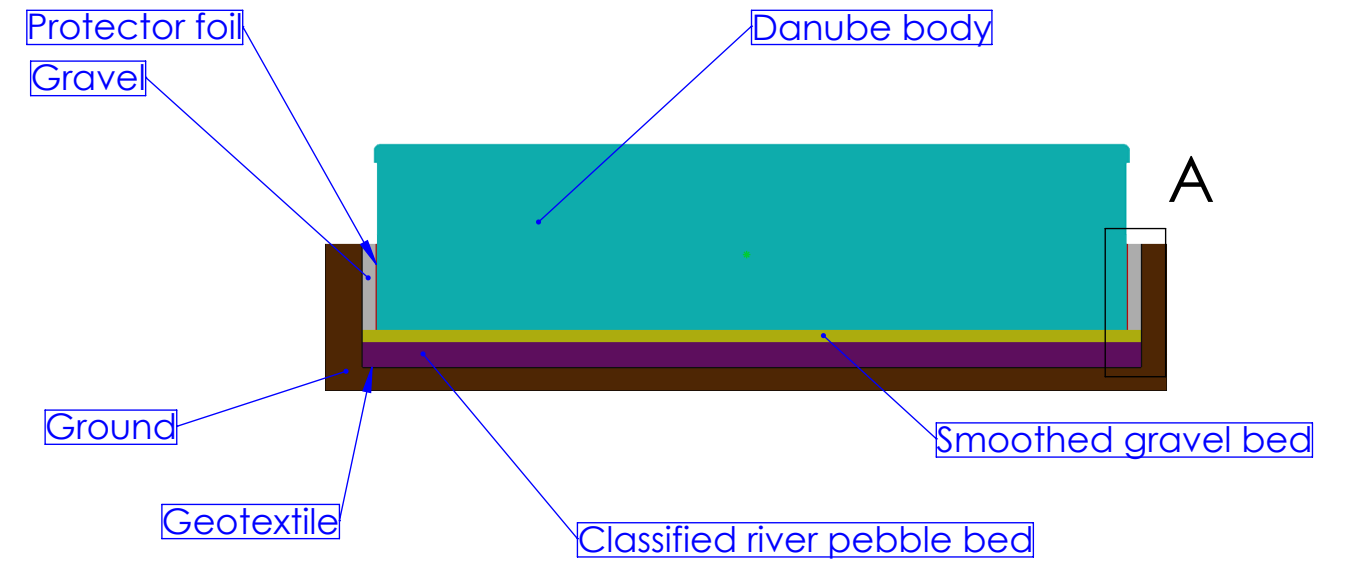
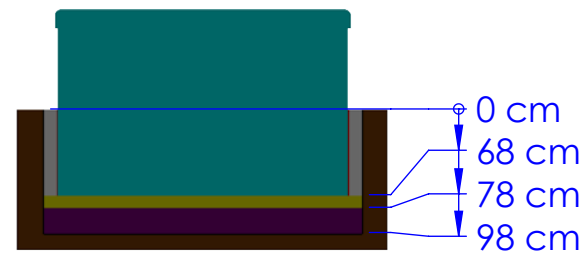
### 2. Electrical connection

All the above stated electrical preparation must be ensured by the customer. Every product has own connection drawing.

Use only copper wires. Change the fuses always with the same type. The device has to be connected to the equipotential grid.

Product family: **SwimLine**

Sheet name: <b>INFO(2)(2)</b>	Projection	
File name: <b>FJ_WU00036_ENG_Danube-2019_Tubina_úszómedence_jav</b>		
Dimension SPA: <b>2350x4500x1470 mm</b>	Min. electrical needs: <b>240 V - 35A - 50Hz - 3 kW Heater</b>	
1 person ~75 kg	Weight of the SPA: <b>kg</b>	<b>Control box: Gecko IN.YE-3 + IN.K1000</b>
Water disp.: <b>514 kg</b>	Rim height: <b>150 mm</b>	Approved by: <b>Pr. No: P-00182</b>
Minimum water: <b>5913 liter</b>	Created: <b>2019. 09. 27.</b>	Fe. No: <b>Number: WU00036</b>
	Drawer: <b>bato.peter - 2019. 09. 27. 10:30:19</b>	<b>A3 M 1:17 page 2 / 3</b>



Product family: **SwimLine**

Sheet name: <b>SEMICABINET(2)(2)</b>		Projection		
File name: <b>FJ_WU00036_ENG_Danube-2019_Tubina_úszómedence_jav</b>				
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Weight of the SPA: <b>kg</b>		Control box: <b>Gecko IN.YE-3 + IN.K1000</b>		
Rim height: <b>150 mm</b>		Approved by:		Pr. No: <b>P-00182</b> Fe. No:
Minimum water: <b>5913 liter</b>		Created: <b>2019. 09. 27.</b>		Number: <b>WU00036</b>
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