



# 에어칼리브 유압식 스파 수영장

**AirKaliber**

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주소 42159 대구광역시 수성구 신천동로 128(상동) 3층 홈페이지 <https://airkaliber.com>  
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# Product Advantage.

## Outdoor Acrylic Endless Swim Pool

Water massage nozzles fixed on the pool, they are ergonomic and adjustable and make warm water to moisturize the skin.

Balboa control panel, US advanced brand

Qualified Acrylic Raw Material, Imported from USA

One-click control of water flow, fountain and lighting effects

Five-times filtration disinfection system to separate fine suspended substances from pool water and impurities secreted by human body  
round Constant temperature, 180 days hassle free of water replacement.

Strong hydraulic counter-current drive device brings Endless swim function

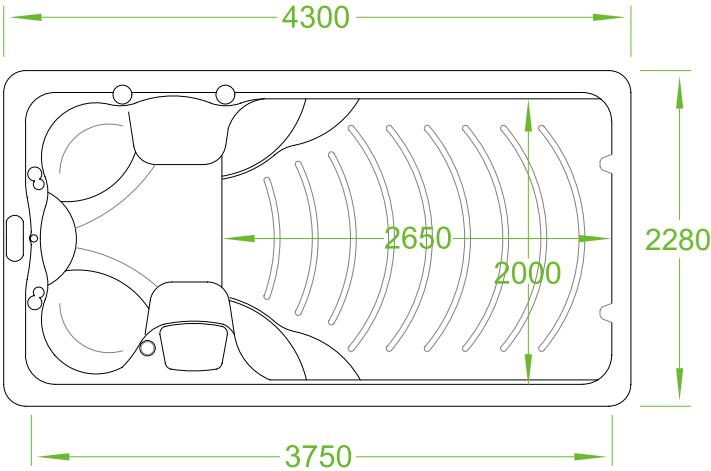






BG-6652

Specification Details	
Basic Configuration	
Overall dimensions :	L 4300 x W 2280 x H 1500 mm
Interior dimension :	L 3750 x W 2000 x H 1350 mm
Material :	Acrylic (Fiberglass Reinforced)
Lying Seats :	N/A
Sitting Seats :	4 Person
Water Capacity :	6100L
Dry Weight (Empty) :	800 Kgs
Water Sterilization :	1 pc, Ozonator
Water Filtration :	2 pcs Paper Element Filter
Water Circulation Pump :	3 pcs, 3 HP
	1pc, 2 HP
	1pc, 1 HP
Air Bubble Blower Pump :	0
Lighting system :	LED, 1 big spa light, 16 water level lights.
	Skirt lighting belt, Base Lighting
Jets :	26 pcs massage jets+3 counter current jets
	0 pcs air bubble jets
Total Jets Numbers	29 pcs jets in total.
Electrical Heater :	1pc, 3KW
Electrical requirements :	220~240V or 380-420V, 50HZ/60Hz
Computer Control System :	1 pc, (Balboa)
Spa Pillows :	2 pcs, PU
Maximum Power :	12 KW
Skirt/Hem/Cabinet :	PVC panel (Wood Imitation)
FRP Base	Included
Pool Cover	
Pool Body Insulation	
Interior tube/pipe insulation	
Balboa Control System	
Stairs	Optional
Sand Filter	Optional



Three U shape Countercurrent swim jets

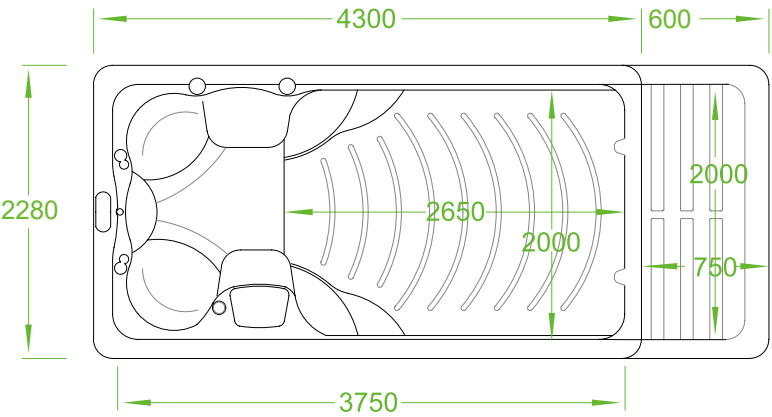
- Improve your swim experience a lot with U shape countercurrent swim jets, it produces laminar water flow, much soft and steady compared with normal round swim jets.
- One 3HP water pump for each U shape swim jets, carries much larger countercurrent water flowing force, strengthen your swim experience and exercise result.

Feature:

- Laminar swim machine, 9 speed shift
- Maintenance-free cabinets
- 2 grab bars



Model	<b>BG-6652A</b>
Overall Dimension	4900x2280x1500mm
Interior Dimension	3750x1920x1350mm
Swim Machine Location Extended	







Our latest Endless Pool includes all of the standard and optional features.  
•Wider design on pool, wider skirt panel.

### Micro computer Control system

**Balboa control system - The famous and most advanced controller system**  
We use famous and latest Balboa controller, you could understand it is combined by GS series and BP series, high compatible in normal standard, Wi-Fi remote control and spa touch panel. This system represents the newest and the most reliable generation of SPA Controller system.

The integrated control system is the key part of the pool, it control water pumps and electrical heater, which means it organize water circulation, massage jets and countercurrent swim jets, it also controls the lighting system including water level lights, underwater lights, fountains and waterfall, and other optional electrical parts like pop up speakers and waterproof TV.

The LCD control panel makes it easy to navigate all the functions you need. You can set the water temperature, manage water care, and control the interior lighting and hydromassage jets. Some swim spa pool models include an auxiliary control panel, located on the opposite side from the main panel for added convenience when controlling lighting and hydromassage jets.

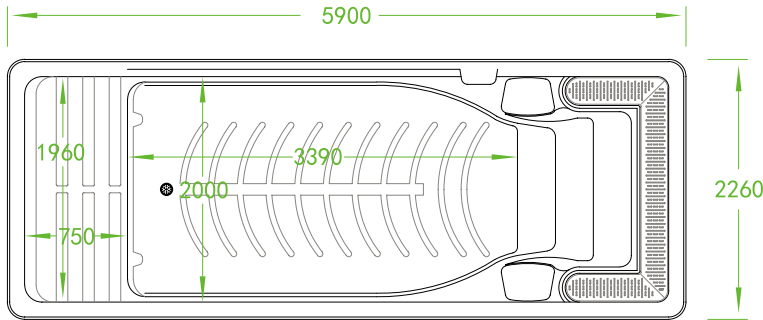


LCD 제어판



보조 컨트롤 패널

Model	<b>BG-6658</b>
Overall Dimension	5900x2260x1590mm
Interior Dimension	4820x1890x1430mm



# Bluetooth

## Make your work much easier to control every pool function

We use famous and latest Balboa controller, you could understand it is combined by GS series and BP series, high compatible in normal standard, Wi-Fi remote control and spa touch panel. This system represents the newest and the most reliable generation of Swim SPA Controller system.

The integrated control system is the key part of the pool, Bluetooth function improved the whole control system more intelligent, just as easy as one click on your smart phone with Bluetooth connection, wherever you in house or in the pool.

Install the optional plug-and-play Wifi and Mobile App, and you' ll gain full control of the system' s temperature, lights and jets from any wifi-enabled tablet or mobile device.

# Laminar Swim Machine

## What Is Endless Swimming Pool

Endless Swimming Pool, originally means a swimming pool that you can' t swim to the end. It is driven by special hydraulic devices to create a directional flow, swimmers swim in the pool by counter-current to achieve the purposes of swimming exercise, which is similar to a water treadmill. Because of push effect of water flow, swimmers cannot swim to the end of pool, so we called it the endless swimming pool.

Why Endless Swimming machine?

Water flowing capacity of Laminar Flow Swim machine is 0-16667L per minutes , this is 20 times flow capacity compared with normal swim training jets, and water flow speed is adjustable, water speed flow parameter is 54meter/min to 186meter/min.



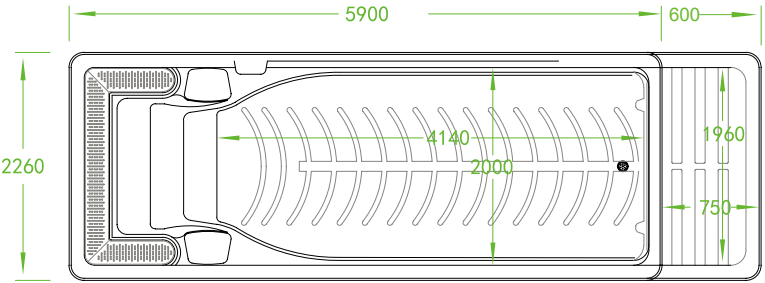
- Feature:
- 3 big U shape Countercurrent swim jets(swim machine
  - One 3HP pump for each U shape countercurrent swim





**LED lights strips**

This swim pool has colorful led lights strips around skirt panels and LED lights on the bottom plate, half hiding status. It has 7 shift lighting colors, In theeveing or night, the light effect is very nice and attractive.



Model(型号)	<b>BG-6658A</b>
Overall Dimension(尺寸)	6500x2260x1590mm
Interior Dimension(内径尺寸)	5400x1890x1430mm
Swim Machine Location Extended(外置游泳机)	

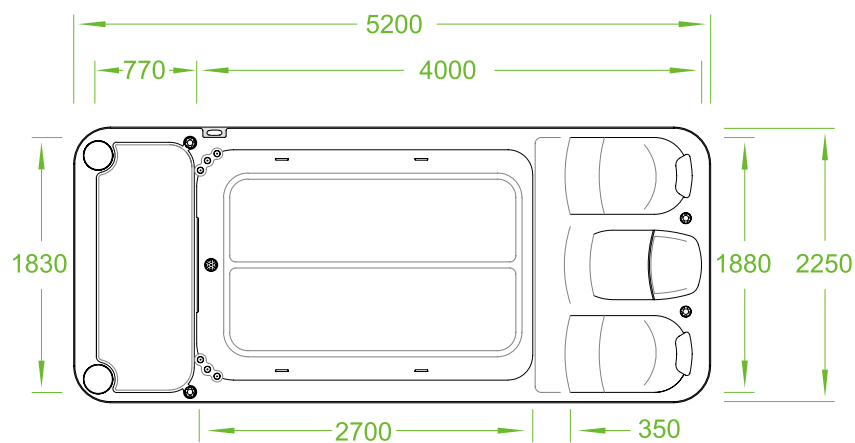




Model  
Overall Dimension  
Interior Dimension

**BG-6651**

5200x2250x1500mm  
4000x1900x1350mm

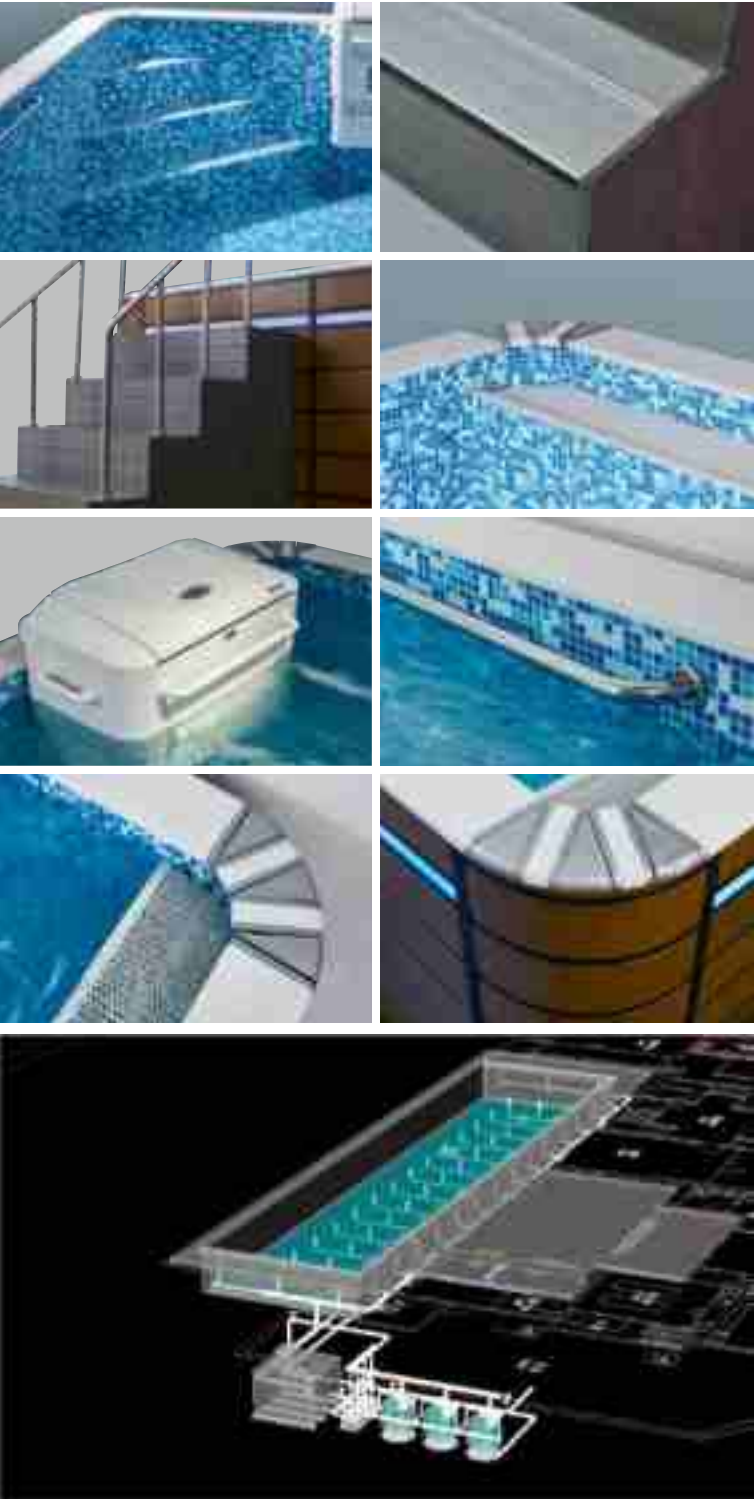


- Economical to use year-round.
- Wide range of color options for pools and skirt - you draw your pool as beautiful you wish.
- Wide range of designed models, with a range of sizes, depths, and numerous





# THE WORLD'S TOP SPA ENJOYMENT



Modular Steel Pool





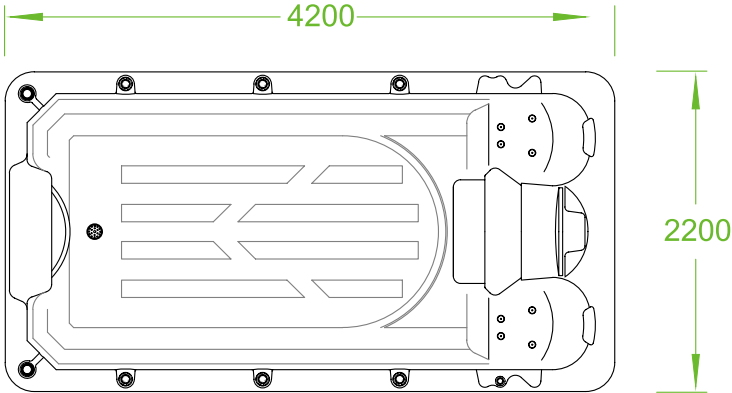
### Hydromassage Spa Seating

After you exercise, enjoy a workout cool-down in the comfort of spa seating where hydromassage jets soothe your muscles. Perfectly positioned in two captain’ s chairs with pillows, three jet types are combined in three configurations to deliver an ideal post-workout relaxation experience.

- Made of high-grade Stainless material
- Strengthened water flow through the jets provide push force from your back, gives feeling of water massage.
- Seat designed with slightly curved back, provide very comfortable Spa experience.
- Spa massage jets prefixed along the shape line of the seats, provide massage to the whole body back of people from neck to feet.



Model	<b>BG-6601</b>
Overall Dimension	4200x2200x1256mm
Interior Dimension	3840x1820x1145mm

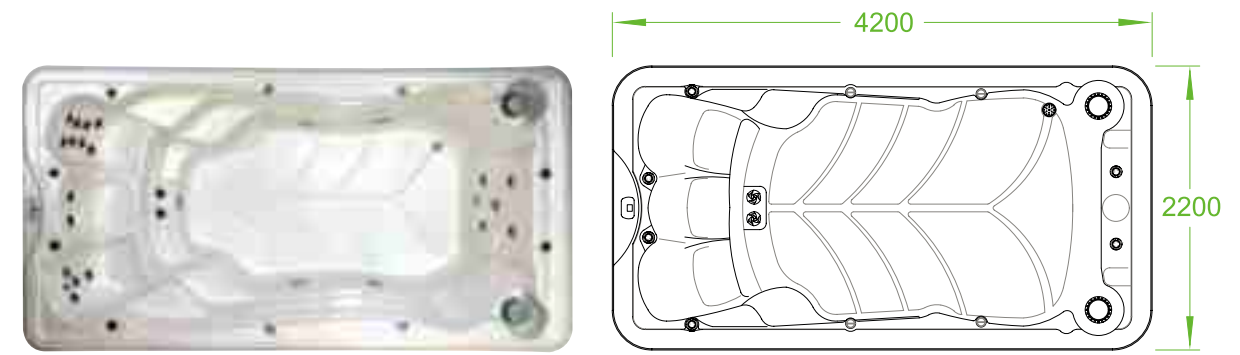






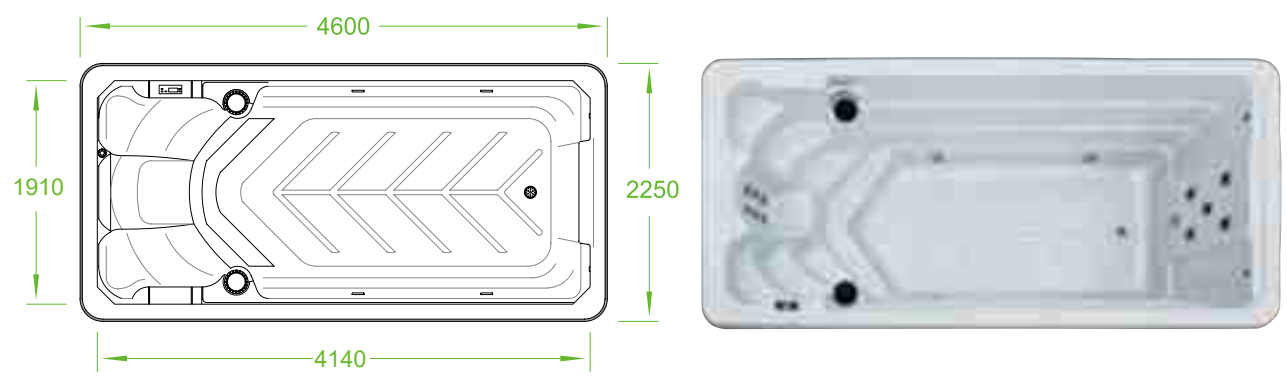
Model  
Overall Dimension  
Interior Dimension

**BG-6602**  
4200x2200x1450mm  
3710x1840x1320mm

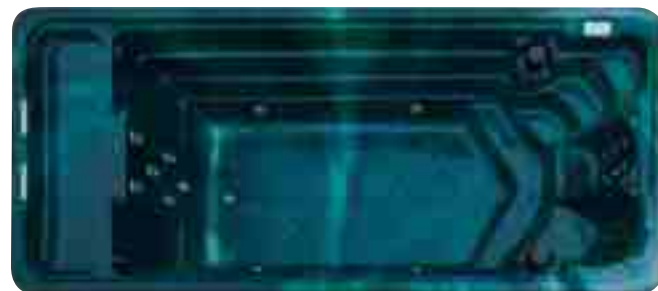


Model  
Overall Dimension  
Interior Dimension

**BG-6603**  
4600x 2250 x 1470mm  
4140x1910x1330mm



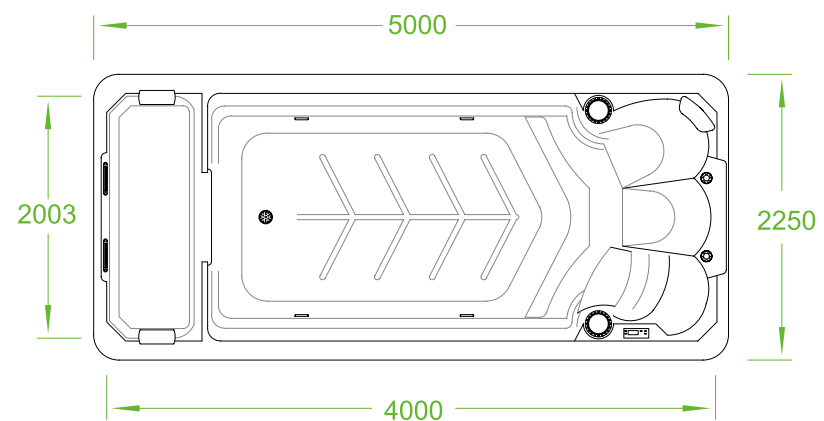




## BG-6605

Overall Dimension  
5000x2250x1390mm

Interior Dimension  
4000x2003x1250mm



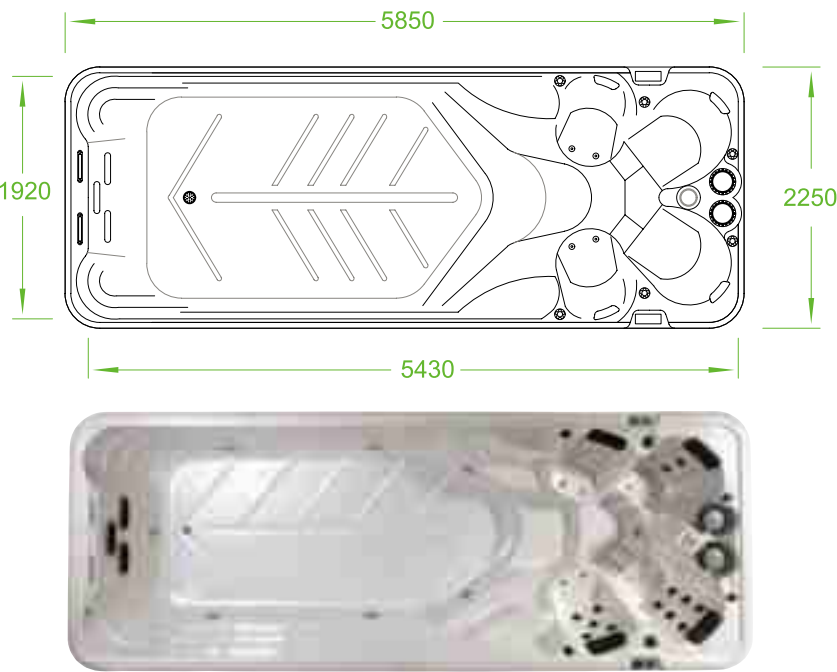
## BG-6607

Overall Dimension  
5850x2250x1400mm

Interior Dimension  
Swim area : 3790x1960x1250mm  
Spa area : 1450x1950x785mm







Model  
Overall Dimension  
Interior Dimension

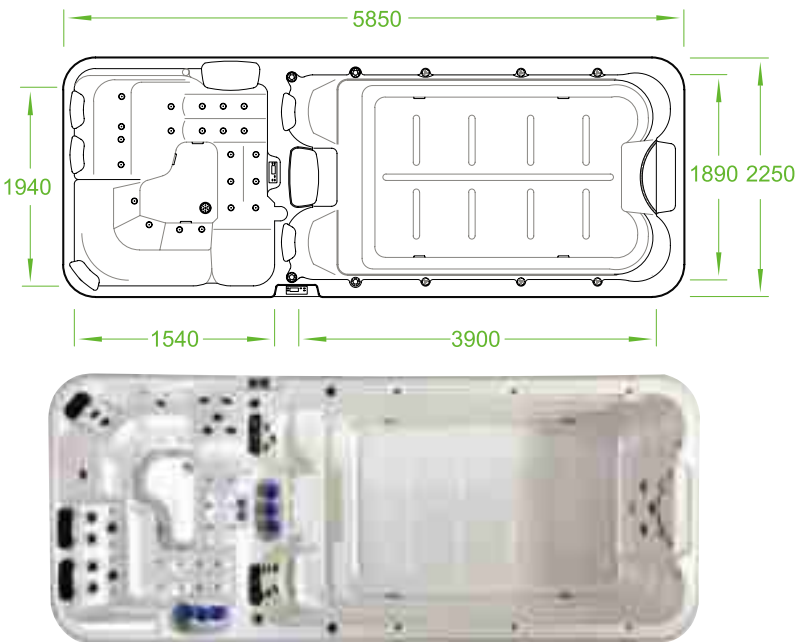
**BG-6608**  
5850x2250x1420mm  
5430x1920x1250mm



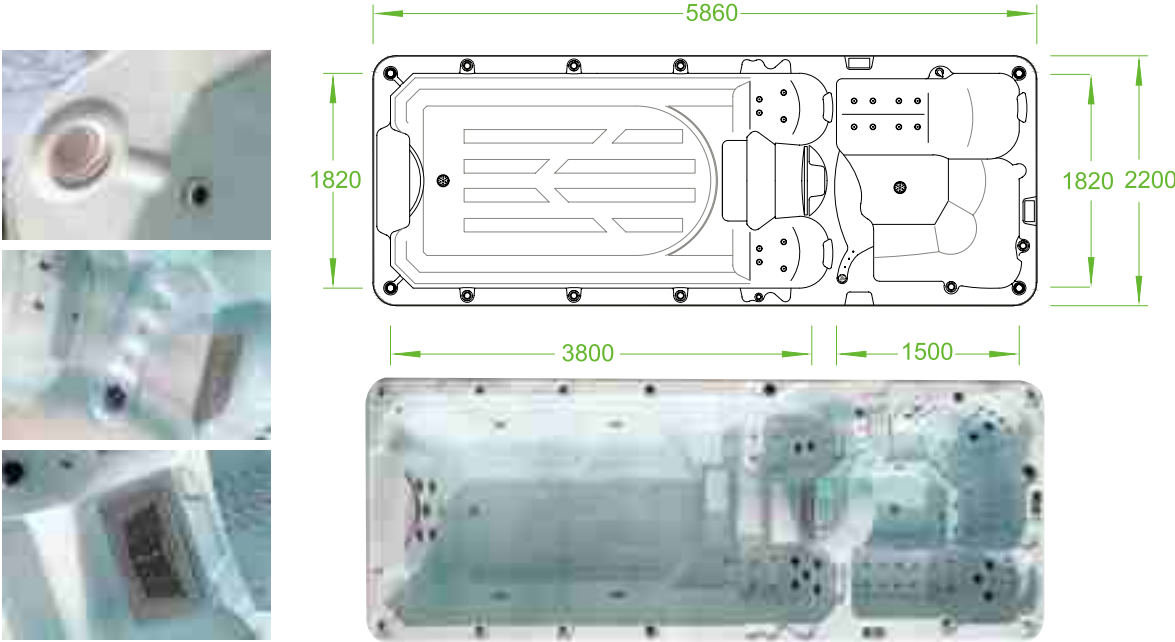




Model **BG-6609**  
Overall Dimension 5850x2250x1400mm  
Interior Dimension Swim area : 3900x1890x1250mm  
Spa area : 1540x1940x820mm



Model **BG-6610**  
Overall Dimension 5860x2200x1300mm  
Interior Dimension Swim area : 3800x1820x1150mm  
Spa area : 1500x1820x790mm







### Paddle exercise

**Paddle Exercise benefits**-The faster you paddle around on a body of water, the more your heart rate will increase, and the more exercise your heart will get. This is especially true if you’ re having fun races around the pond or lake with friends, or if you happen to be surfing and paddling in on a tall wave. By spending an hour or more paddle exercise, you can also burn a significant number of calories. Industry communications leader SUP World Mag conducted a study on the matter, and found that casual paddle boarding burned between 305 and 430 calories per hour, depending on how vigorously the subject was engaged. For athletes involved with stand up paddle boarding racing, that calorie burn rose as high as 1,100 per hour.

**Low-impact exercise**-The fact that paddle boarding is a low-impact exercise makes it ideal for many people, especially those who have been injured and are rehabilitating some part of their body. Even seniors can benefit from this relatively mild form of exercise, because it does not place strain on the knees or on other joints around the body. At the same time, however, it delivers a workout similar to running, walking, jogging, or biking.



### Swim Tether

What makes tethered swim training effective is the opportunity to do swim strength training with swim specific movement. Swimming against the resistance of a tether strengthens your muscles in exactly the movement range, speed and pattern that you practice. Tethered swimming builds muscle strength by resistance. By incorporating assisted and resisted strength training in the water, muscle memory is achieved which translates into increased swimming power. Muscle memory is a state in which the muscles “memorize” a pattern of activating the maximum amount of muscle tissue for the given activity.

What makes tethered swimming different from lifting weights is that muscle memory is highly specific. Land strength training doesn’ t translate well in water activities. If you perform strength-training exercises in swim-specific movements, you are more likely to transform them into swimming power.

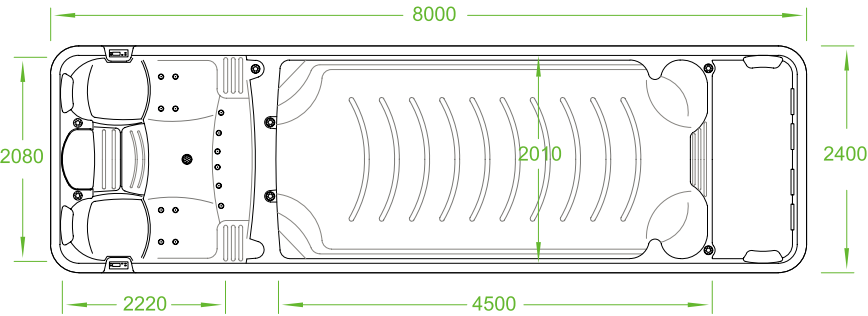
With a swim tether you’ ll enjoy the benefits of swimming and water workout options. With convenient backyard access, you can choose when and how to treat yourself to the feel-good benefits of increased aquatic activity.



### BG-6611

Overall Dimension  
8000x2400x1570mm

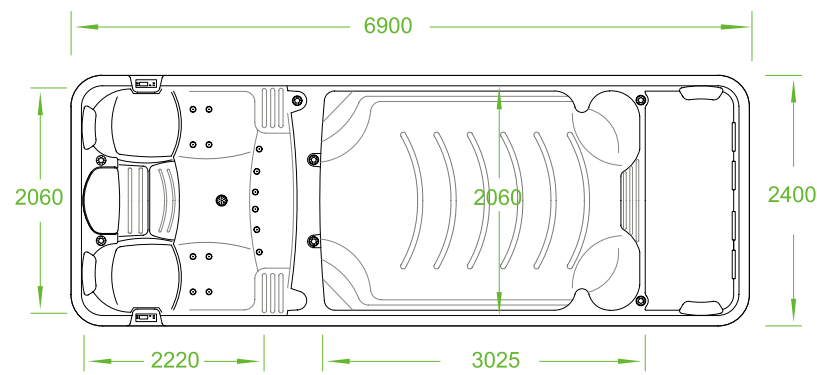
Interior Dimension  
Swim area : 4050x2060x1450mm  
Spa area : 2020x2060x930mm





# BG-6625

Overall Dimension  
6900x2400x1580mm  
Interior Dimension  
Swim area : 3025x2060x1450mm  
Spa area : 2220x2060x930mm



BG-6625



## Water Care



Water care is one of the most important thing to maintenance of swim pool, it related to water filter and clean equipment, that combines the very basic paper element water filter and sand filters, and the deeper water-purification equipment including UV sterilizer, Copper ion disinfection, Ozone generator. With these water care equipment, the continuous water rotation from the circulation pump, coupled with 18 square meters of filtration, ensures ease of maintenance for water that is always clean and inviting for you and your family.



## 2mm Galvanized Steel Frames & ABS base

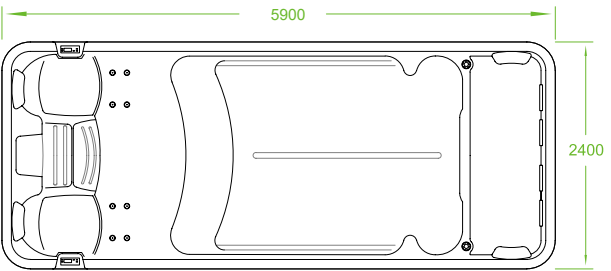
To let you focus on swimming and fitness, we take pride in every detail. For safety, durability, ease of operation, and simple beauty, each Bigeer pools has been intricately appointed with you in mind.

All Bigeer Endless Pools feature a durable, 2mm galvanized steel frame and ABS base pan, which together provide superior support and protection from ground contact. We're concerned with your swimming experience. We look deeper, creating great design that you can see as well as great design that quietly adds significant value.



## Energy Efficiency

Keeping your energy bill low is important. a standard feature on all Bigeer Pools, providesthree layers of insulation to conserve heat, enhance the energyefficiency, and lower operating costs. The system's three layers include a high-density EPS (Expanded Polystyrene) foam on pool shell and skirt, and attach foam insulation on water pipes,together these materialsprovide maximum thermal performance.

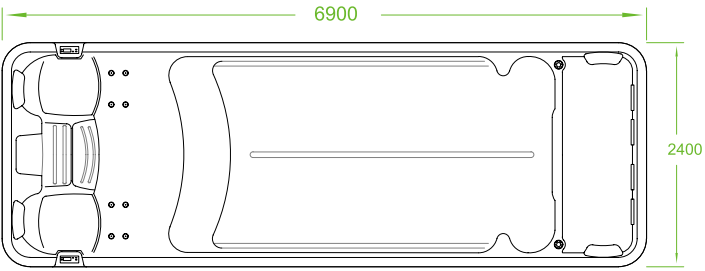


## BG-6622

Overall Dimension  
5900x2400x1580mm

Interior Dimension  
4750x2060x1450mm

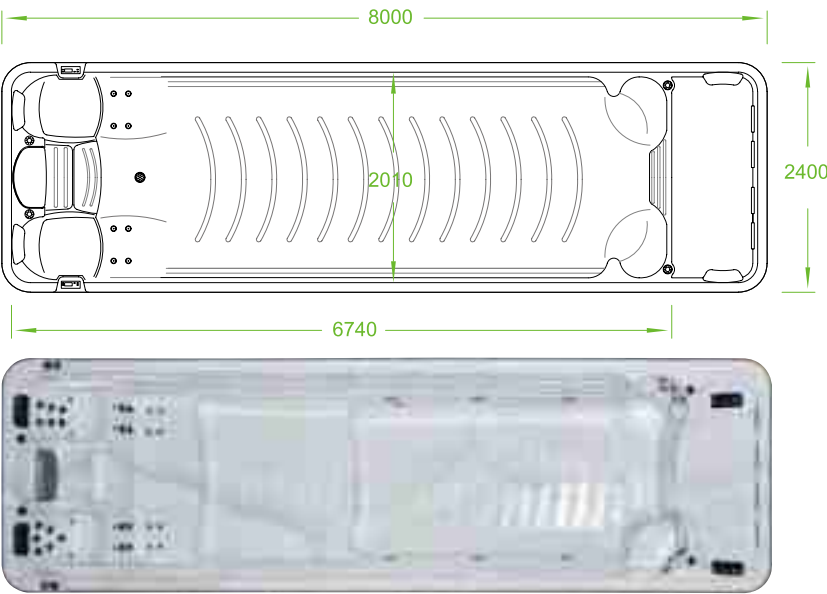




Model  
Dimension  
Dimension

**BG-6623**  
6900x2400x1580mm  
5850x2060x1450mm





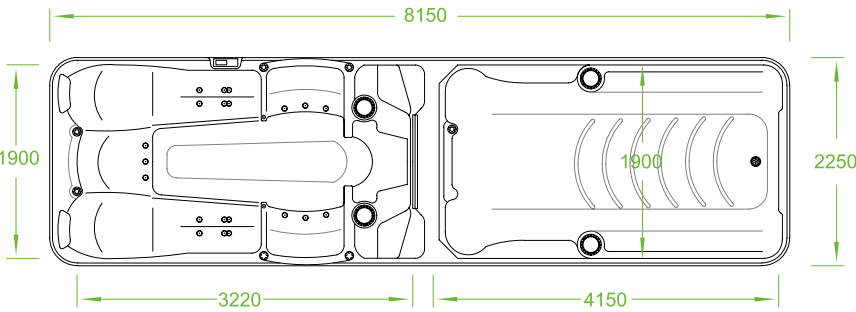
Model  
Overall Dimension  
Interior Dimension

**BG-6612**  
8000x2400x1570mm  
6740x2010x1450mm



Model  
Overall Dimension  
Interior Dimension

**BG-6613 ( High-Low )**  
8150x2250x1500mm  
Swim area : 4150x1900x1330mm  
Spa area : 3220x1900x840mm





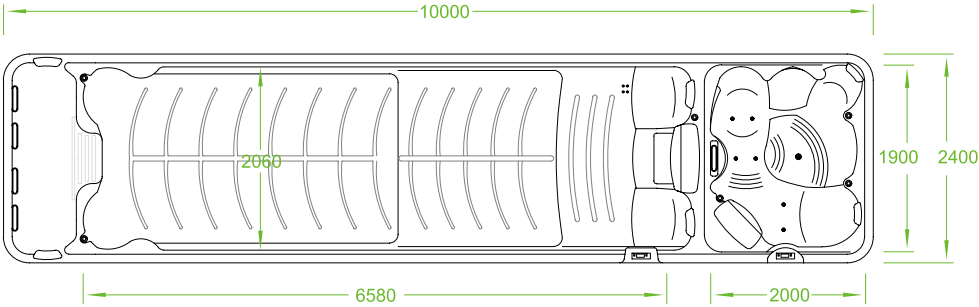
Model  
Overall Dimension  
Interior Dimension

**BG-6616**  
10000x2400x1610mm  
Swim area : 6580x2050x1445mm  
Spa area : 2000x1900x820mm



**Massage Jets**

- Made of high-grade Stainless material
- Strengthened water flow through the jets provide push force from your back, gives feeling of water massage.
- Seat designed with slightly curved back, provide very comfortable Spa experience.
- Spa massage jets prefixed along the shape line of the seats, provide massage to the whole body back of people from neck to feet.

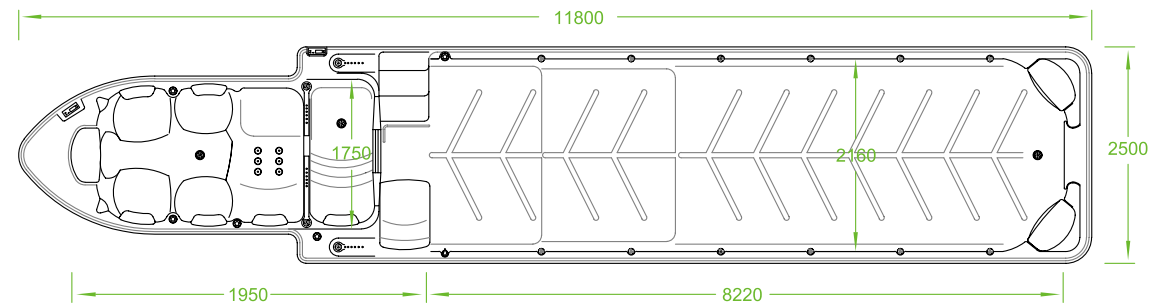


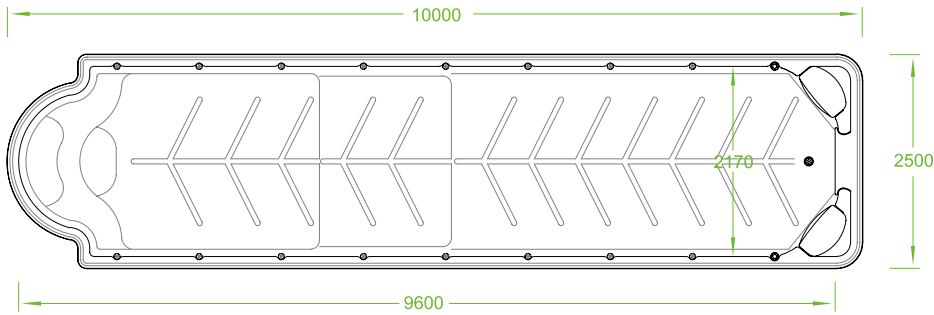




Model	<b>BG-6617</b>
Overall Dimension	11800x2500x1670mm
Interior Dimension	Swim area : 8220x2180x1480mm
	Spa area : 1950x1750x835mm
	Lying seat : 1770x620x335mm

- Longest readymade swim pool you can source from market
- 3 different depth areas





Model

**BG-6618**

Overall Dimension

10000x2500x1650mm

Interior Dimension

9600x2170x1490mm

- 3 different depth areas
- A completely swim pool
- 5 big countercurrent swim jets





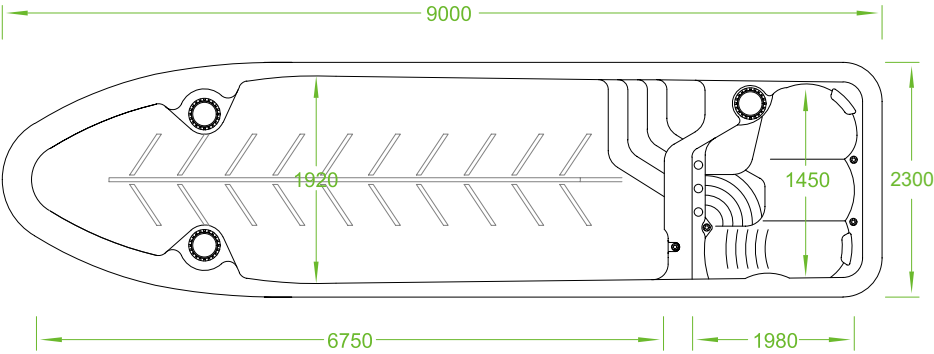


Model  
Overall Dimension  
Interior Dimension

**BG-6688**

9000x2300x1800mm  
Swim area : 6750x1920x1595mm  
Spa area : 1450x1980x845mm

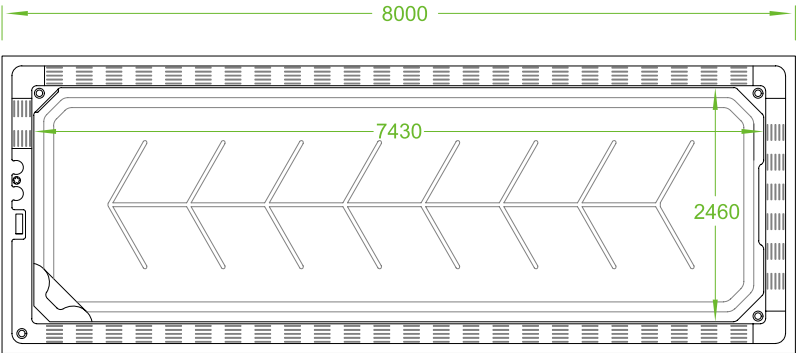
- Feature:
- 1 self-contained laminar swim machine - 9 speed shift
  - 2 Built-in large Spa seats, slightly curved at back
  - Balboa control panel





**Underwater Light**

Under water Lights prefixed at bottom of the pool, plus a group of water level lights, they are prefixed to bring colorful lighting affection, especially in the night time. Totally 7 colors shifting one by one, each of them paint the pool water in same wonderful color as their own, produce a romantic and magic swim experience.



Model  
Overall Dimension  
Interior Dimension

**BG-6660**  
8000x3000x1520mm  
7430x2460x1380mm

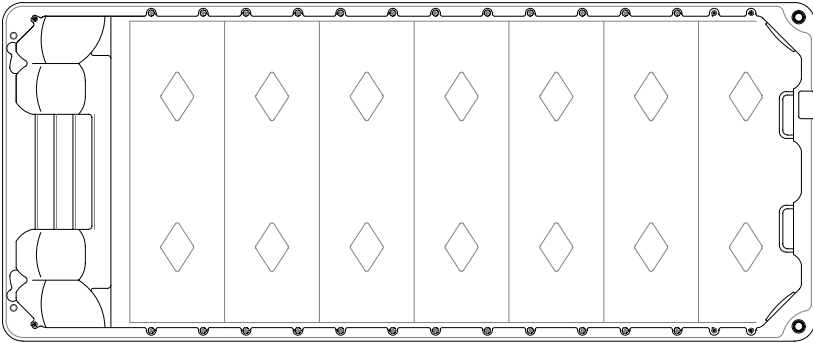






Model  
Overall Dimension  
Interior Dimension

**BG-5000**  
5000-12000x5000x1400mm  
4600-11600x3600x1400mm



Model  
Overall Dimension  
Interior Dimension

**BG-40000**  
5000-12000x4000x1400mm  
4600-11600x3600x1400mm

### Pool Cover



Swim Pool Cover

There are mainly three types of pool covers available in market.

Firstly, it is the traditional plastic rolled cover that people using for constructed swim pool as we normally see, it is made in a type of PVC tarpaulin.

For our readymade Acrylic swim pools, we have another two type of covers besides the rolled cover, PU leather cover and Aluminum cover.

PU leather cover normally ismade in PU leather material with foam inside which make the cover provide another layer of insulation for the water, thickness normally is 10cm to 15cm, and thicker option is available for custom made. Besides the nice looking it brings to the pool, it also prevents things drop into the water, like tree leaves, dust and similar pollution matter.

Pool cover colors are varied with color of PU leather.

Aluminum cover is the latest electrical cover, it is automatic rolled and opened, very durable that man can walk on it without any drop risk.

### Heater

We normally have set an3KW electrical heater on the steel frame of our swim pool, there are few other heat options, the most energy efficiency one we would like to recommend is the heat pump, it saves 3 of the 4th energy cost than electrical heaters. COP ranges from 4 minimum to 7 maximum.

Additional connect water pipe and valve for heat pump is required when you decide to add heat pump as alternative heater options for your swim pool.

People also use natural gas boiler as heat equipment.



### Acrylic Color Option



001 Star Cloud Blue 002 Star Cloud Green 003 Cloud Smoke Grey 004 Pearl White

### Protective skirt



Q001 Coffee Q002 Cedar Steel Frame

Skirt also called exterior cladding panel, it is made from plastic wood, which is also known as Wood-plastic and Wood-Plastic Composites (WPC), it is a new type of composite material that has flourished in recent years. It refers to the use of polyethylene, polypropylene and polyvinyl chloride instead of the usual resin adhesives. More than 35%-70% of wood pulp, rice husks, straw and other waste plant fibers are mixed into new wood materials, and then extruded, molded, injection molded and other plastic processing techniques to produce sheets or profiles. Mainly used in building materials, furniture, logistics and packaging industries. a sheet of hot-extrusion formed by mixing plastic and wood powder in a certain proportion, called extruded wood-plastic composite sheet.

Skirt panels are quite easy to cut in any length, we take the advantage of this and make different form combinations on skirt panels, plus they are made in various colors, which gives the pool in different looking.





**Lifting System**

Stainless,stable and durable.With this, the leather cover can be easily incorporated and laid aside.  
Luxury heat insulation cover is added a safe coded lock,which is a humanization design of BIGEER SPA.

**The process of outside glass room projection**



Design



Surveying



Excavation



Setting



Brickaying



Bar arrangement



Build a framework



Completion