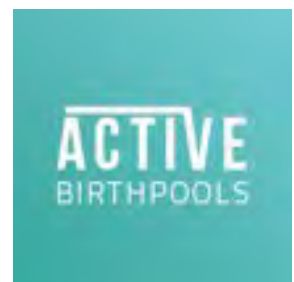


Active Birth Pools



Installation, Operation and Care



Outside Mainland UK and International Deliveries

Active Birth Pools delivered outside the mainland UK are wrapped in protective packaging and placed in timber framed crates with plywood sides that conform to ISPM15 and stamped accordingly.



Crate Size and Weight

- Active Birth Pool: 1910 x 1720 x 890mm 200 kg
- Active II Water Birth Pool: 2050 x 1810 x 970mm 220kg
- Venus Birth Pool: 1950 x 1420 x 890mm 185 kg
- Venus II Water Birth Pool: 2050 x 1420 x 890mm 205kg
- Princess Birth Pool: 1670 x 1170 x 890mm 145 kg

The courier will deliver your birth pool to your loading dock or designated point.

You'll be responsible for moving it to the room where it will be installed.

The birth pool should be unpacked from the timber crate but left in its protective packaging for moving from the delivery point to the room where it will be installed.



The pool should be gently turned on its side onto a padded movers dolly or two to enable it to be easily moved along corridors and through doorways. Handling the pool by the rim is best, as this is the strongest point.

Installation



Before moving the birth pool into position against the wall, the plumbing (taps and drainage) and electrical services should be in place and ready for final connection to the pool.

Taps

Fix a 3/4" thermostatically controlled mixer tap with a 150mm spout on an IPS panel 25 cm above the pool's rim (rim height 75cm). We suggest that you consider the Rada Sense Bath T3 (or similar) as it is a digital tap that enables you to programme the water temperature and fill time.

A filling time of 20 - 25 minutes is acceptable.

Drainage

The pool is supplied with a bespoke brass 40mm pop-up waste operated by a control fixed to the rim.



The waste is connected to a DWV Coupling (Connector) 40mm Female.



From the DWV Coupling (Connector) 40mm Female, you can utilise various commonly available parts to connect to the pipework of the building's drainage system.

When electrical and plumbing services are in place and ready for the final connection to the pool's systems, the pool should be moved into position and fixed to the floor.

The final connection of services can be carried out through the access panel when the pool is secured.

Securing the Birth Pool to the floor

All feet MUST be in solid contact with the floor. If the floor is not level or smooth, be sure to adjust the feet or level the floor so that all the feet are in firm contact with the floor and there is no rocking or movement.

The bottom flange of the outer panel should be in contact with the floor but is not the primary support structure of the pool and must not bear the full weight of the filled birth pool.



The water birth pool is supplied with 2 x 100 mm x 30 mm fixing brackets to secure it to the floor. You'll find the brackets taped to the pool inside the access panel that can be opened with a 10mm Allen Key. These brackets must be securely fixed to the floor with suitable hardware to immobilise the pool and prevent it from moving when empty.

Failure to secure the pool to the floor with the fixing brackets will endanger the end user and VOID the guarantee.

Locating and fixing the brackets

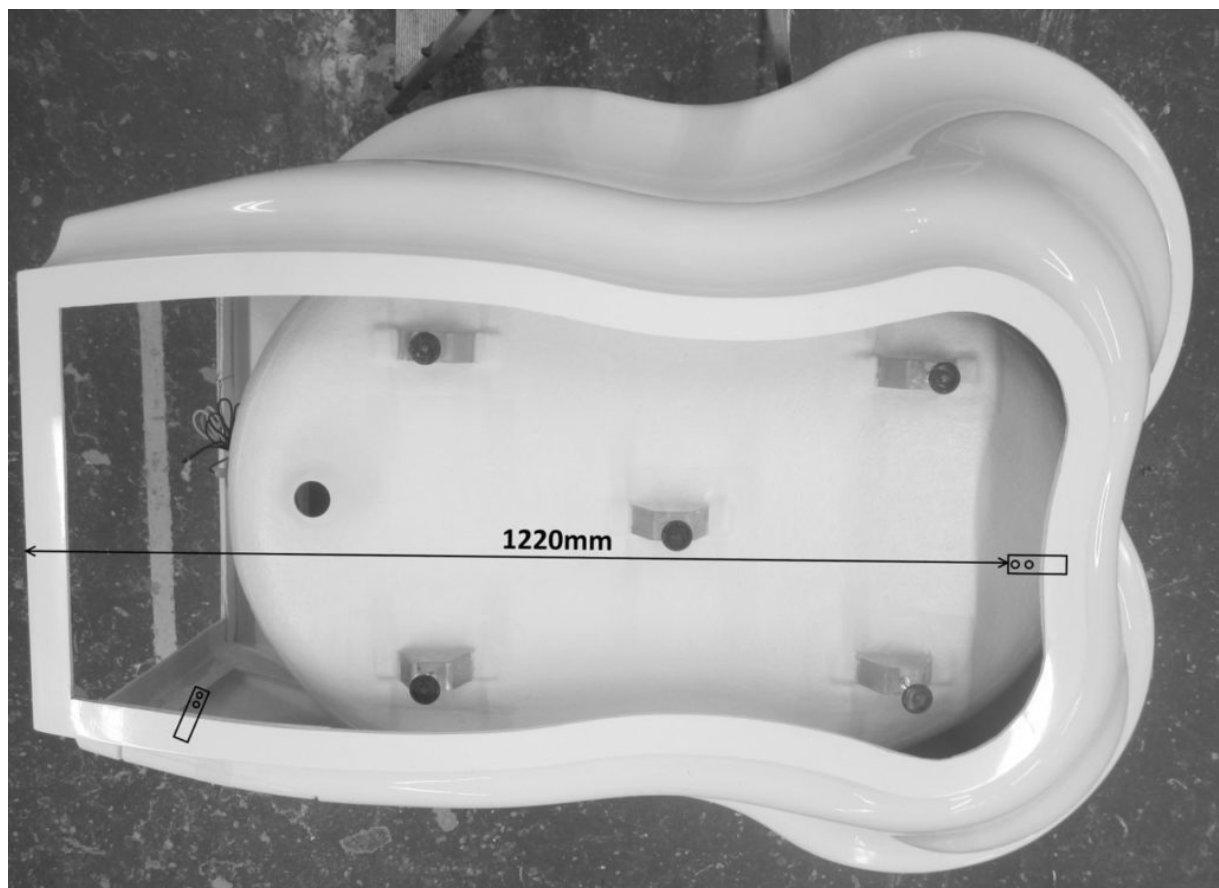
Step 1: All Models

Mark the water birth pool's central position on the wall it is fitted on.

Step 2: Active Birth Pool – front fixing bracket

Measure 1220 mm from the centre point on the wall and mark this as the point to locate the bracket so that the long flat piece is projecting away from the wall and the raised short section faces forward into the room.

Fix the bracket to the floor using suitable hardware.

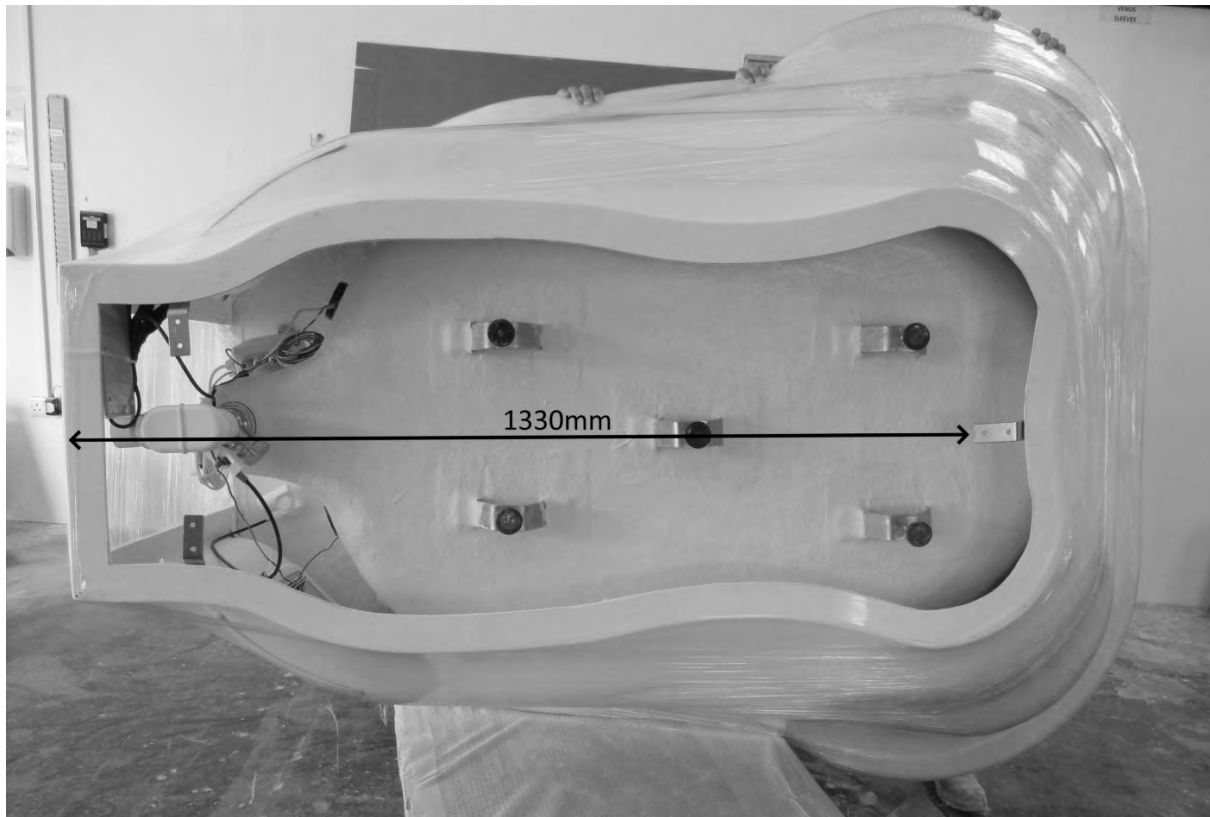


Front bracket right centre – Back bracket lower left

Step 2: Active II Water Birth Pool – front fixing bracket

Measure 1330 mm from the centre point on the wall and mark this as the point to locate the bracket so that the long flat piece is projecting away from the wall and the raised short section faces forward into the room.

Fix the bracket to the floor using suitable hardware.

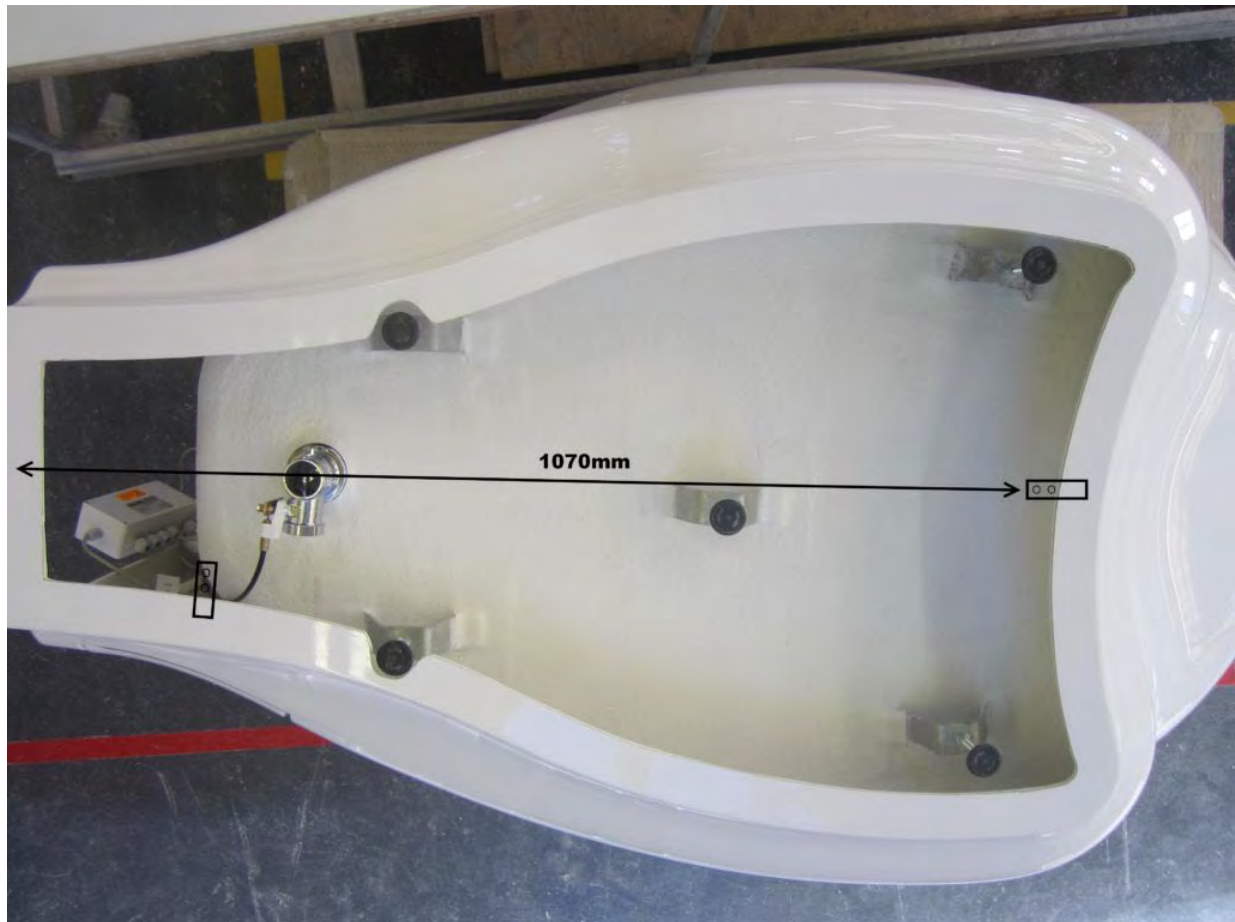


Front bracket right centre – Back bracket lower left and right

Step 2: Venus Birth Pool – front fixing bracket

Measure 1070 mm from the centre point on the wall and mark this as the point to locate the bracket so that the long flat piece is projecting away from the wall and the raised short section faces forward into the room.

Fix the bracket to the floor using suitable hardware.

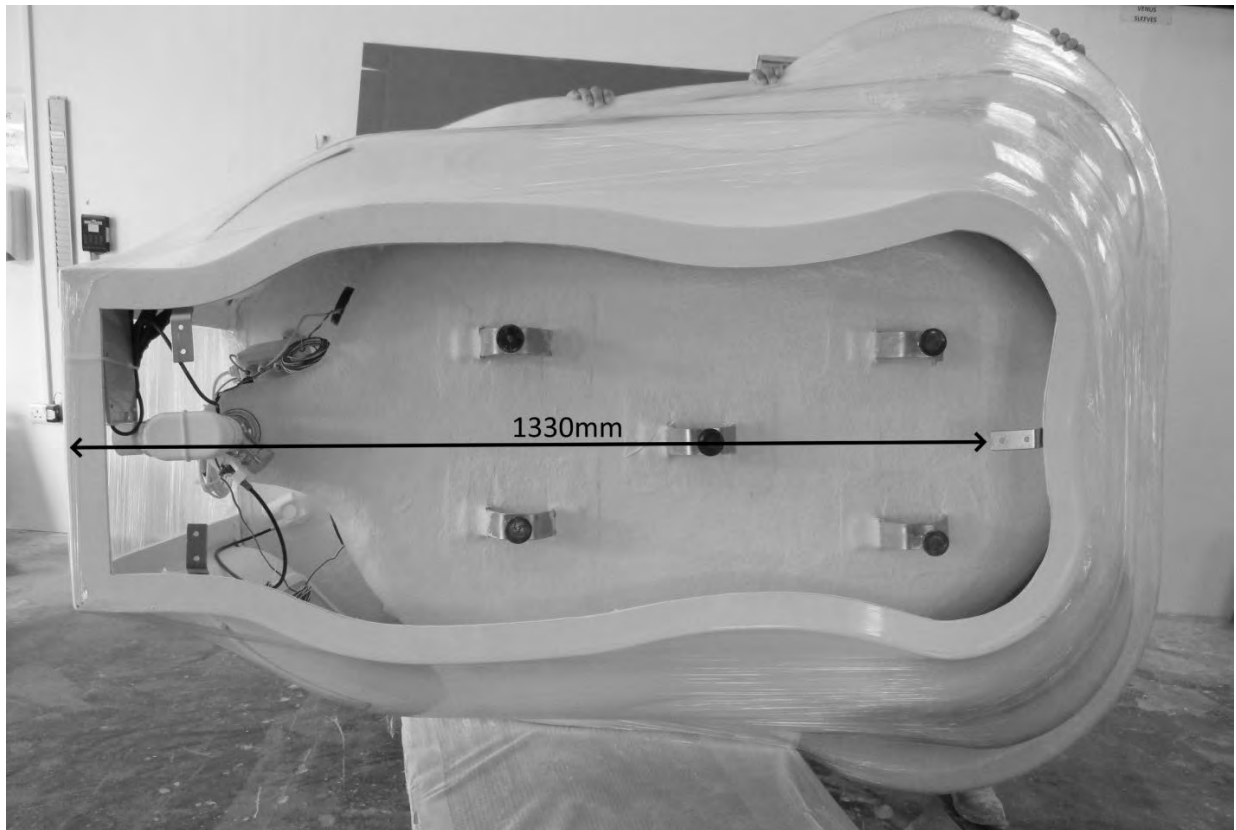


Front bracket right centre – Back bracket lower left

Step 2: Venus II Water Birth Pool – front fixing bracket

Measure 1330 mm from the centre point on the wall and mark this as the point to locate the bracket so that the long flat piece is projecting away from the wall and the raised short section faces forward into the room.

Fix the bracket to the floor using suitable hardware.

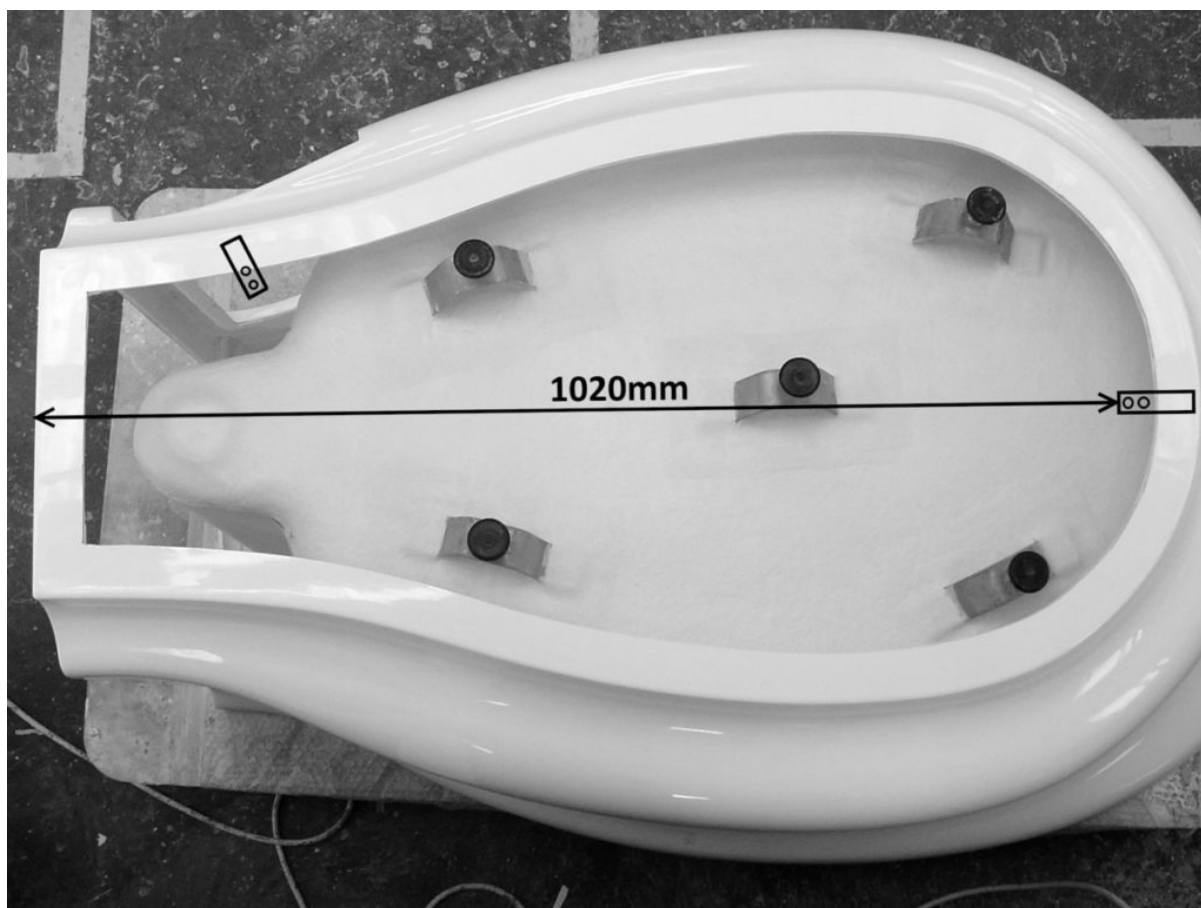


Front bracket right centre – Back bracket lower left and right

Step 2: Princess Birth Pool – front fixing bracket

Measure 1020 mm from the centre point on the wall and mark this as the point to locate the bracket so that the long flat piece is projecting away from the wall and the raised short section faces forward into the room.

Fix the bracket to the floor using suitable hardware.



Front bracket right centre – Back bracket upper left

Step 3: All Models

Place the birth pool at least 60 mm from the rear wall before moving it onto the bracket and flush against the wall. Push the birth pool towards the wall so that the flange of the pool slides under the bracket. This secures the front of the pool to the floor.

Step 4: All Models – back fixing bracket

The 2nd fixing bracket should be fixed in position on the bottom flange of the pool below the access panel, as indicated in the images above.

You will see that a hole has been drilled in the flange. Line the bracket up with this hole. You can fix the pool to the floor with a raw plug and suitable hardware to guarantee security.

The long, flat piece should be fixed to the floor with suitable hardware so that the short section securely holds the flange to the floor.

Step 5: All Models

Seal the water birth pool to the floor and wall using a suitable sealant to prevent ingress of water and dirt.

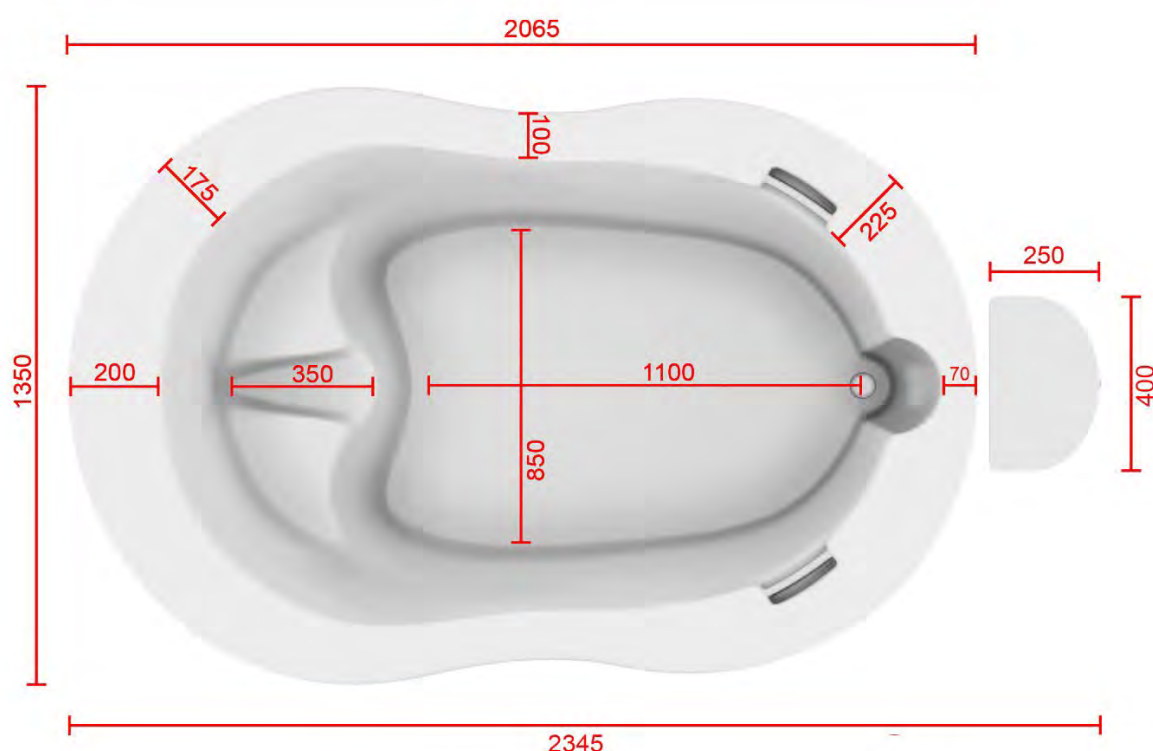


Water Column – 360 Birth Pools



Fixing the column to the floor

1. Remove the access panel using a hex key and place it off to one side.
2. Locate the water column in the centre of the pool at least 25mm away from the back rim.
3. Mark the four anchor points on the floor and take the column away.
4. Drill four holes suitable for the hardware you will be using to anchor the pool to the floor. We recommend expansion bolts or similar fixings.
5. If you are using expansion bolts place them in the holes and align the water column accordingly.
6. Before tightening the bolts apply a generous amount of silicone to the underside of the flange.
7. Tighten the bolts fully.



Fixtures and Fittings

The Water Column is designed to accept a variety of plumbing fixtures and associated fittings, such as handrails.

Installers will find plenty of room inside to accommodate valves and pipework.

The front and sides of the column have been reinforced with 18mm thick plywood.

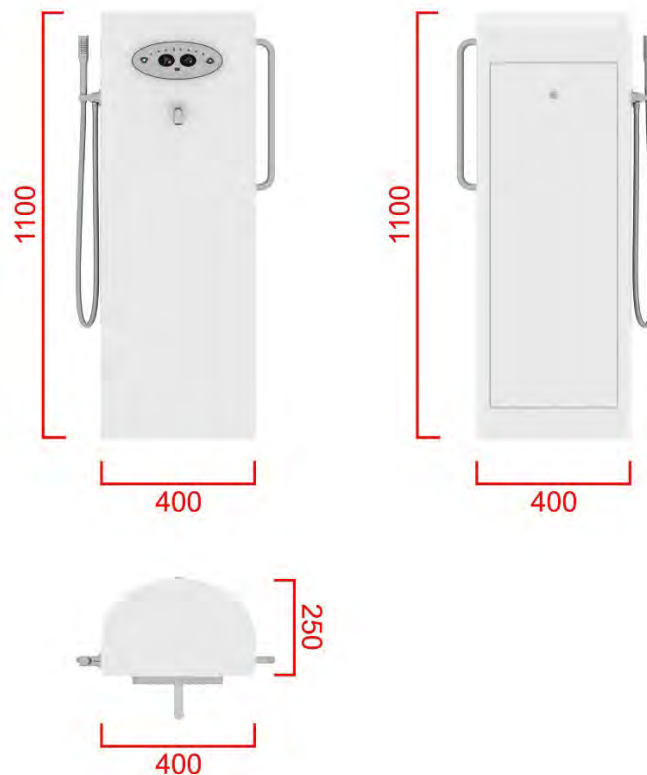
Ficore is an extremely hard material that is easy to drill, provided you place a strip of masking tape on the surface and use an HSS drill bit or wood hole saw to make the hole.

We suggest you use a 120mm spout and fix it to the column at least 150mm above the pool's rim.

The tap can be fixed above the spout, as shown in the image above.

Handrails and/or handheld showers can be fixed to the sides of the column on the flat sections.





Tap shown is a Rada Sense Bath/Shower T3 DMV

Multi-Colour LED Lighting

Installation

Connect the light to a circuit breaker and then to the power supply.

The system should be protected by a 6 AMP RCD with 30 -32 MA Sensitivity. The LED is transformed to 12 volts with a power rating of 2.5 watts.

A separate means of Isolation should be provided for future maintenance. Operating voltage 220/230 volts - 50/60 hertz

Operating instructions

The control pad operates the system on the rim of the pool. To activate the system, press the button once.

The white light will come on.

To choose another colour, continue to press the button and the system will cycle through the range of colours - light blue, blue, purple, magenta, red, pink, orange, yellow, apple green and green.

To turn the system off, press and hold the button down for 2 seconds. The light should be switched off when the pool is not in use.



Clear LED Lighting

Connect the factory-fitted underwater light to a circuit breaker and the power supply. A remote switch, such as a pull cord, should be used to operate the light. The power is transformed to 12 volts, and the LED light is 5 Watts. The light should be switched off when the pool is not in use.



Troubleshooting LED Lighting Systems

The lights are tested at the factory before delivery.

Occasionally, the fitting becomes loose during shipment and installation, preventing the unit from functioning.

If the light is not operational, please follow these instructions:



1. Gently pull the O-ring seal from the light casing.



2. Loosen the nut on the cable gland and pull through approximately 1" of cable.



3. Attach cable tie to secure in place, re-tighten nut and re-connect to the light casing, ensuring to push the white connector back into the block.

Bluetooth Sound System

Connect the factory-fitted Bluetooth sound system to a circuit breaker and the power supply. The system is always on standby, waiting for users to pair and connect. It's operated directly from the user's mobile phone or Bluetooth-enabled device and has no controls.

N.B. If there is more than one birth pool with Bluetooth sound installed in the same unit you will need to fit a remote switch to enable the users to turn the system on and off. This prevents people from accidentally activating the system instead of the one in their room.

Transducer speaker

- Frequency Range 20Hz-20KHz.
- Maximum Power Output 50W at 4 Ohm.

Bluetooth Amplifier

- Transmission Range 5m to 10m.
- Maximum Power Output 2ch X 20W.
- Operating voltage 220/230 volts - 50/60 hertz
- Transformed Voltage 12 Volt DC / 3 amp.
- Waterproof Rating IP67.

Cleaning and Care

Safety comes first!

Active Birth Pools are Rated No.1 for water safety and infection control standards.

This is because the material we use (Ficore) is five times harder than other materials and is immune to the effects of disinfection with 10,000ppm hypochlorite.

Seamless one-piece construction and the absence of surface-mounted metal work deny micro-organisms the environment they need to propagate.

Active Birth Pools Cleaning and Disinfection Guidelines

This is a two-step procedure – first cleaning the pool and surround, then disinfection of the pool and surround.

1. Before emptying the pool, remove debris and larger particles from the water with a sieve to prevent it from blocking or obstructing the outlet.
2. Use the standard infection control precautions (plastic apron, disposable gloves and eye protection) when cleaning the pool. Ensure the area is well-ventilated.

3. Cleaning – use a non-abrasive detergent with a non-abrasive sponge or cloth to thoroughly clean the pool. Ensure the tap is cleaned first so as not to transfer microorganisms from the “dirty” pool area to the cleaner tap region. Rinse well with warm water.
4. Disinfecting – use chlorclean or similar hypochlorite disinfectant following the directions on the packet for mixing the solution to the correct concentration for disinfecting the birth pool and surround. Do not use bleach, as it is highly corrosive and could cause damage to the fittings.
5. Apply the solution to the tap and spout before disinfecting the pool.
6. There are three methods for disinfecting the pool that are commonly used in hospitals:
 1. Fill the pool with cold water and add the requisite amount of disinfectant – leave for ten minutes.

The advantage of this method is that it is 100% effective but wasteful of water, time-consuming and uses a large amount of disinfectant

2. Make up 2-3 litres of solution and pour it around the inside of the rim. Then, use a new disposable mop or cloth to spread the disinfectant over the pool's surface. Leave for ten minutes.

The advantage of this method is that it is economical in terms of time and cost but relies upon the person carrying out the task to ensure that 100% of the pool surface is disinfected.

3. Fill a spray bottle with disinfectant and thoroughly spray the pool's surface and surround. Then, use a new disposable mop or cloth to spread the disinfectant over the pool's surface. Leave for ten minutes.

The advantage of this method is that it is economical in terms of time and cost but relies upon the person carrying out the task to ensure that 100% of the pool surface is disinfected.

7. Open the drain outlet and empty the pool of the disinfectant.
8. Using cold water, rinse the tap and then the pool to remove all traces of the disinfectant to prevent any residue on the pool surface.
9. Dry the entire pool surface using a new cloth or disposable mop head.
10. Keep the drain outlet closed when not in use.

If you are duty flushing the taps with hot water/steam, add a few inches of cold water to the pool first.

Our guarantee will not cover damage resulting from higher water temperatures, steam cleaning, or use of products not approved by Active Birth Pools.

Lifetime Guarantee

Active Birth Pools guarantees that its water birth pools are fit for the purpose intended in their design, conform to the current relevant published specification, and are free of defects in workmanship or materials.

A water birth pool supplied by Active Birth Pools and built from Ficore® composite carries a lifetime guarantee against structural failure, loss of rigidity, leakage, and surface breakdown.

In the unlikely event of any of these faults occurring Active Birth Pools will undertake, after proof of purchase, inspection, and analysis, to either exchange the faulty product for a new product of the same specification, or, at the Active Birth Pools option, if the fault is minor, to repair and refurbish at its expense.

Active Birth Pools will not accept liability for any consequential loss.

This guarantee does not cover the following:

- Damage caused by misuse, poor maintenance, lack of care, or failure to follow Active Birth Pools Ltd's cleaning and maintenance recommendations.
- Normal wear and tear.
- Damage or deterioration caused by unprofessional or improper installation resulting in faults such as (but not limited to) poor sealing, instability, weight of pool not being self-supported, excessive wear, damage through stress impact, or poor plumbing.
- Damage caused by failure of waterproof sealing at any holes drilled for any purpose by anyone other than Active Birth Pools, such as (but not limited to) brassware, water intakes, jets, under water lights, etc.
- Damage caused by exposure to aggressive chemicals, abrasive or destructive cleaning materials, superheated agents or naked flame, and objects such as lighted smoking materials.
- Faults caused by additions or alterations to the product made without Active Birth Pools prior knowledge and agreement.

Multi-colour LED Lighting, Bluetooth Sound and Drainage Systems

The lighting, sound and drainage systems are covered by the manufacturers guarantee of 1 year. If there is a fault we guarantee to repair or replace the system free of charge provided that the fault is not due to damage or tampering.

After 1 year we guarantee to replace parts at cost and provide remote service/advice free of charge.

Active Birth Pools judgement on cause is final.

Important Update

Hospitals worldwide are starting to use Copper / Silver orca disinfection systems to combat bacterial issues and improve water safety. We have discovered great potential for staining with the Copper / Silver orca disinfection system. Copper-silver ionisation systems introduce trace amounts of copper into the pool water. In some cases, exposure to elevated copper levels can lead to staining of the sanitary ware and other surfaces, such as walls, floors, or fixtures.

This study goes into great detail: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7384302/>
Please note that staining caused by these systems is NOT covered by our guarantee.

If your hospital is using one of these water treatment systems, we suggest that you contact the department responsible for water safety, as regular monitoring and appropriate copper levels are essential to mitigate the risk of staining.

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