



ORBIT FLOAT

REST.
RELAX.
REGENERATE.

www.orbit-float.com

ABOUT US

Based near London, the team at Orbit have developed a dependable and advanced product after many years of experience.

We believe we have developed the most innovative and reliable Float Space available today.

OUR COMMITMENT TO YOU

We strive to provide you with the most enjoyable client experience whilst using your Orbit. We aim to maintain only the highest standards of excellence in both the quality of our products and customer service.

Orbit has a Lifetime Structural Warranty and a Two Year Mechanical Warranty with Maintenance Contracts & Extended Warranties Available.

We engage in continuous research and development in order to improve the quality, manufacturing methods and product experience for our customers.

A woman in a white bikini is floating in a swimming pool. The water is a deep blue, and the background is a bright blue sky. The woman's arms are outstretched, and she appears to be in a relaxed, floating position. The text 'ORBIT' is overlaid in a light blue, outlined font.

ORBIT

ZERO

THE ORBIT ZERO

FILLS & EMPTIES

Every customer is safe in the knowledge that their solution has been completely cleaned, filtered and then filled just for them. Every time the Orbit is filled and emptied, the solution passes through an advanced filtration system providing your customers with a crystal clear solution every time.

USER-FRIENDLY SOFTWARE

Orbit's Control software simplifies the day-to-day running and maintenance of your orbit, including control of the lighting and customisable audio, allowing you more time to spend on your customers.

EASE OF ENTRY

The ultra-wide power assisted door makes opening and closing effortless. The moulded handrails and non-slip surface allow the customer to step over the low threshold into the Orbit with ease.

TOTAL SOLUTION PROCESSING

Every time the Orbit is filled and emptied, the solution passes through an advanced filtration system providing your customers with a crystal clear solution every time.



LIGHTING AND MUSIC

Superior quality audio is delivered via high specification speakers built into the structure of the Orbit. The clear, vibrant sound provides users with a customisable and enjoyable relaxing experience.

The unique programmable lighting effects, many of which are inspired by nature, offer users the best relaxation and recovery. The effects, such as simulated sunset and sunrise, duplicate natural conditions which ensures customers receive the greatest benefit from their float.

CLEANING AND HYGIENE

Cleaning and room turnover is simple and efficient as the solution is fully drained and filtered after each use.

The inside of the Orbit is simply wiped with a hot cloth to remove any salt build-up above the water line. Thanks to the unique coating of the Orbit, there is very little residue.

For quick and easy deep cleans, drain down taps at the rear of the Orbit enable the interior to be washed down using a hose, cleaned with chemicals and washed directly down a nearby drain.



ENVIRONMENTAL CONTROL

The extra wide and patented Orbit sliding door system together with the non-slip surface of the Orbit float space reduces the possibility of customers losing their balance when entering. The integral handrails on either side of the door entry also provide more assistance to the user.

An Orbit float experience is like no other. The fresh, light, non-humid air gently flows throughout the internal space from the large passive ventilation slots creating a comfortable and pleasant atmosphere. The embedded internal base heaters ensure that the solution does not cool off during a long float keeping the environment as close as possible to perfection.

EASE OF ENTRY

Orbit's patented sliding door system, low entry threshold and moulded handrails allows for the one of the easiest entries of any float pod on the market. The super-sized opening and the ability to stand upright in the Orbit enable those with injuries and disabilities to enjoy floating. It is even possible to mount a hoist to assist with access.

The door can be stopped anywhere along its travel, entirely controlled by the user and despite being power-assisted, the Orbit door can always be opened manually from any position. The final action of completely closing the door is not power-assisted but counterbalanced to allow the lightest of touch to open or close.



ORBIT

NON-SLIP FLOORING



INTERNAL HEATING SYSTEMS



MOULDED GRAB HANDLES



PASSIVE VENTILATION



ORBIT

ADVANCED FILTRATION SYSTEM

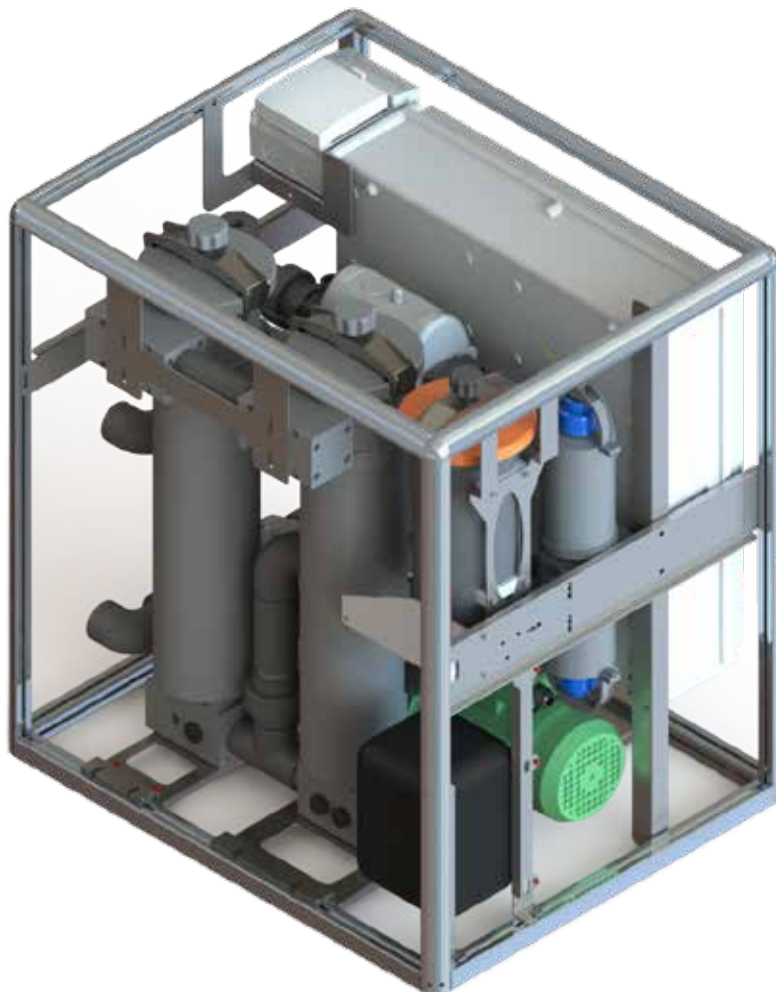
Orbit's industrial high specification pump system is designed for high performance industrial standard operation. The average time for filling and emptying the complete volume of solution is approximately seven minutes.

By emptying ALL the salt solution and passing it through the processing unit, Orbit ensures the user can be certain that the entire volume is processed both when being emptied and when being refilled for the next float session.

During this process, all the solution is passed through two advanced 1 micron absolute filters, the super-efficient UV sterilising as well as being auto dosed if the levels of anti-bacterial agents such as H_2O_2 are below the set safe level.

Standing at just 875mm high x 650mm wide and 800mm deep (36" x 26" x 32") it is one of the most compact performance pump and solution processing systems on the market.

The Orbit has been designed to provide users with the freshest and most enjoyable float every time.



ONE MICRON FILTERS

Orbit's 1 Micron Filters are unique to the float space industry and are only found in Orbit. They provide absolute filtration compared to conventional nominal filters used elsewhere. They are a huge 60% more efficient.

Manufactured from FDA compliant materials produced to CFR Title 21 standards and meeting stringent testing from BS6920, the filters are WRAS approved. With multiple microfiber layers, the filters remove very fine particulate, oils and other unwanted contaminants from the solution.

ACTIVATED CARBON BOOST FILTER

Water quality varies in all parts of the world, depending on different mineral make up and sediment deposits. Orbit has been designed to allow an activated carbon filter boost. This replaces bag filters and allows water quality to be restored to a neutral point. Our Carbon filters are Tested and Certified by NSF International to NSF/ANSI Standard 42.

ULTRA VIOLET STERILISING UNIT

Orbit uses a specially designed photocatalytic ultraviolet sterilising unit to provide the maximum solution treatment that can be achieved during every filtration cycle.

Ultraviolet Germicidal Irradiation (UVGI) is a disinfection method that uses short wavelength ultraviolet (UV -C) light to kill or deactivate micro-organisms by destroying the nucleus and disrupting their DNA, leaving them unable to perform vital cellular functions.

HYDROGEN PEROXIDE

Orbit supplied H₂O₂ is a unique solution of hydrogen peroxide that is stabilised using a proprietary ionic silver based chemistry. The unique formulation makes Orbit H202 a powerful, highly effective, broad spectrum disinfectant that is both stable and safe.

PROGRAMMABLE LIGHTING

The programmable lighting system enables Orbit to create spectacular lighting effects inside and outside the pod. Inspired by nature, our sunset and sunrise lighting effects ensure relaxing into a float is even easier.

SELF-CLEANING SURFACE

Orbit's unique finish allows for faster cleaning between floats which results in less time wasted allowing you to maximise the number of floats per day.

REMOTE DIAGNOSTICS

Remote Support from Orbit allows the performance of each Orbit to be monitored over a secure connection. This also allows for advanced warning of any maintenance issues ensuring that the operation of Orbit can be kept at its optimum.

AUTOMATIC DOSING

Automatic dosing allows you to dose your tank with the click of a button from the comfort of your chair. Orbit's high specification dosing pump allows you to dose a variable amount of H2O2 or set up a regular dosing schedule.

NON - SLIP SURFACE

A heavily textured non slip surface on the internal floor makes getting in and out of the pod easy and safe.

SILENT VENTILATION

A passive ventilation system has been designed into the pod to ensure that there is always a flow of fresh air when floating.

REDUCED EVAPORATION AND HEAT-LOSS

Orbit's solution is completely emptied between float sessions and when not in use. This prevents high levels of humidity in the float rooms and reduces heat loss in turn making substantial savings on Orbit's energy consumption but also reducing the possibility of damage to decorative finishes in the float room.

LARGE INTERNAL SPACE

Offering the largest internal float areas of any pods, Orbit can comfortably accommodate someone who is 2.25m (7ft 4").

NON DRIP DESIGN

The organic curvature helps prevent any condensation build-up, removing the chance of uncomfortable dripping. This feature is unique to Orbit.

LIGHT AND ATTENDANT CALL BUTTON


A single button enables easy control of the lighting and also allows the user to call the attendant for any reason. This avoids users having concerns that they might press the wrong button. Simply press to turn the lights on and off, press and hold to call for assistance.

QUICK SALT MIXING

Mixing the salt in your Orbit is easier than ever before. A specialised mode speeds up the mixing of your solution accompanied with the large access door that makes pouring in salt a breeze.

ROOM LIGHT CONTROL

Room lights can be automatically switched off when a floatation session is in progress, removing the need for unreliable sensors.



ORBIT
PLUS

THE ORBIT PLUS

Orbit Plus adds full automation to the Orbit Zero foundations:
Software notifications when H₂O₂ Levels drop.

Filter changes, solution levels and salt concentration are all monitored simplifying the day to day running and maintenance of your Orbit.

ONLINE MONITORING &

DIAGNOSTICS

Remote Support from Orbit allows the performance of each Orbit to be monitored over a secure connection. This also allows for advanced warning of any maintenance issues so that the operation of Orbit can be kept at its optimum and enable any work to be planned. Using advanced sensors, Orbit can be diagnosed and supported remotely.

H₂O₂ AUTO DOSING

An extra-sensitive hydrogen peroxide sensor ensures that the correct and safe levels are maintained by the auto dosing system. The readings can be set to be regularly recorded each day for ease of providing data to health authorities.



SALT CONCENTRATION

Specific Gravity monitoring ensures that the optimum float is achieved every time and smart notifications tell you when levels are dropping and need to be topped up

PH LEVELS

Safe control of pH level is important to maintain an optimum float environment and equipment reliability. Smart notifications tell you if the levels are outside the recommended zone.

FILTER LIFE

Only ever replace filters when they need replacing! Flow rates are monitored to show increased blockage within the filter, notifications to instruct a filter change ensure prime operating conditions.

AUTO START ON ENTRY

Float sessions only start once the customer is in the pod, meaning the customer gets the most from their float sessions.

SOLUTION LEVELS

Solution level monitoring ensures that the correct depth of solution is maintained.

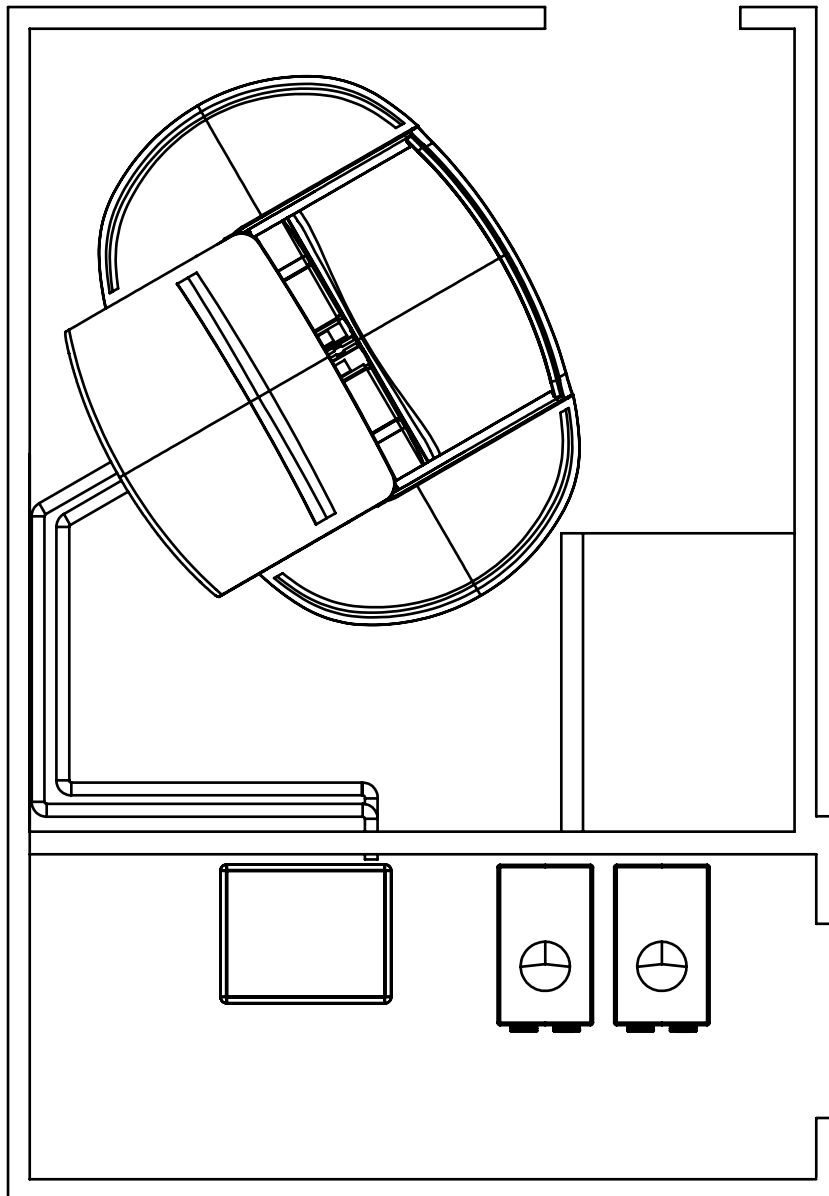
Notifications instruct on the correct water level and also sends alerts if the solution level has been overfilled.

ROOM LAYOUT

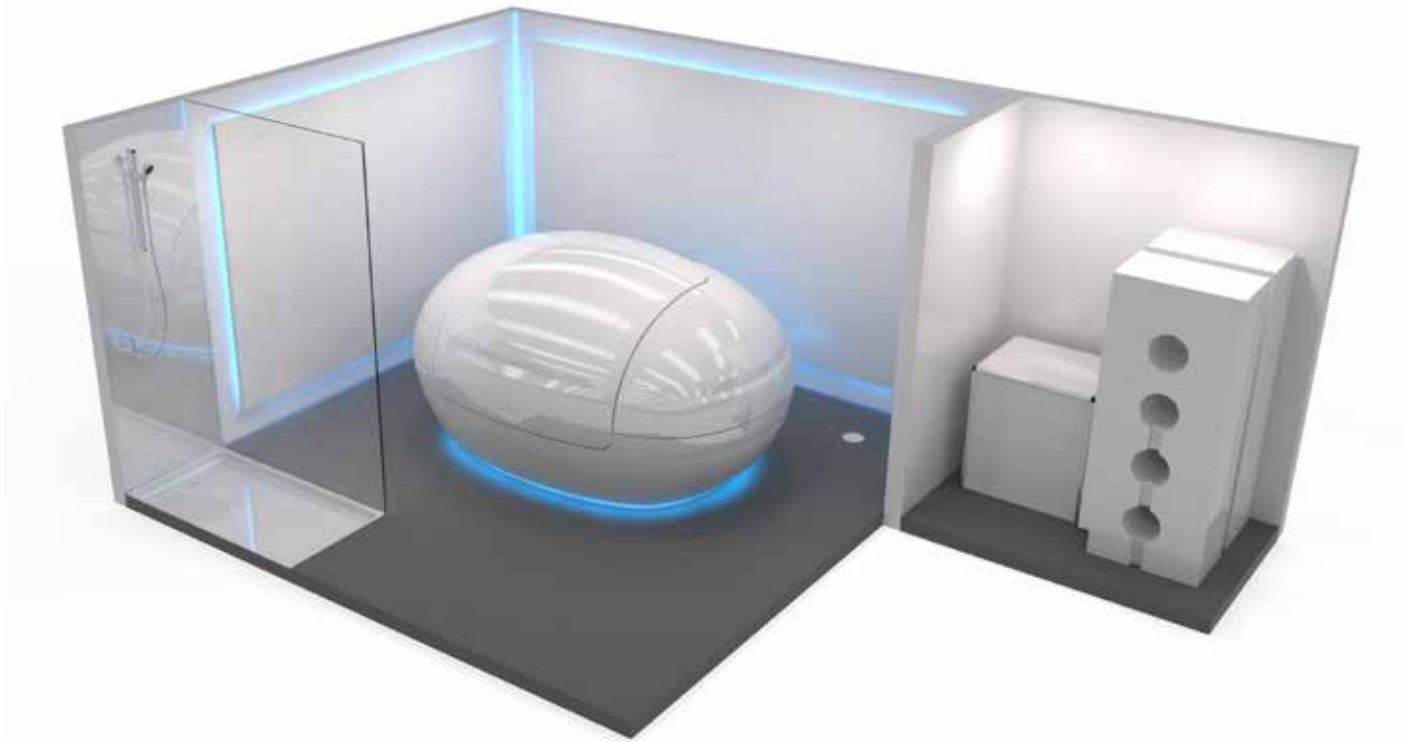
It is recommended that a minimum room size of approximately 14' x 14' (4.2m x 4.2m) is required if the chosen installation is to fit to the Orbit Float pod, the pump unit and the reservoir tanks in the float room and leave space for a shower and changing area.

*Please Note: The size of the room can be reduced if the Pump Unit and Reservoir Tanks can be relocated outside of the Float Room in say a separate machine room.
Please contact info@orbit-float.com for more information and guidance.*

It is recommended that a floor drain should be included in the room design to simplify room cleaning. Orbit is also fitted with a separate drain tap that allows for occasional deep cleaning to be carried out without contaminating the float solution.



EXTERNAL PUMP LOCATION



INSULATION

Insulation of the storage tanks is easier when the reservoir tanks are not installed in the float room. This helps reduce energy costs and also improves heat recovery times between floats especially in air-conditioned installations.

ACCESS TO PUMP

External room installation allows easier access to the pump unit when it is necessary to change filters, refill the H₂O₂ reservoir and carry out routine maintenance. It is recommended that a small sink be installed in each remote pump room.

NOISE ISOLATION

The Orbit pump and solution processing unit is fitted with noise isolating feet to reduce sound and vibration being transmitted through the floor. The use of a separate pump and reservoir room can reduce any sounds further even more.

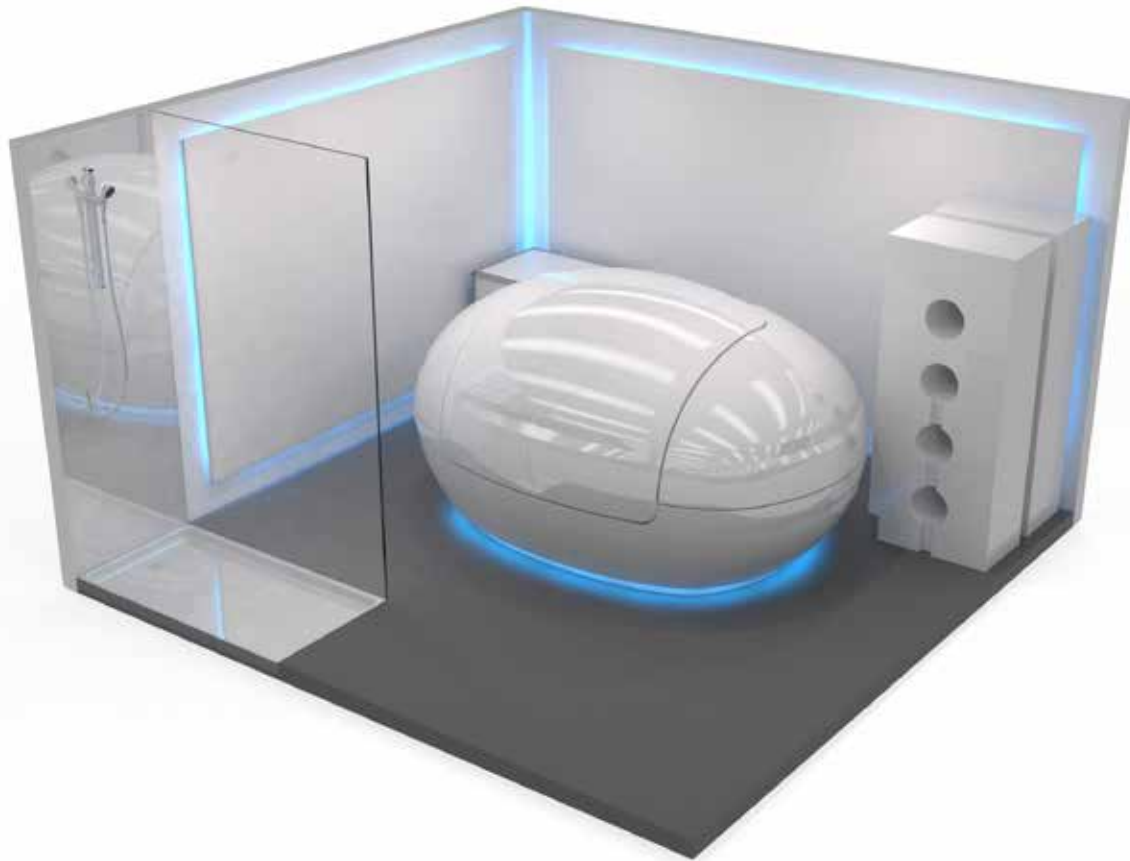
PUMP UNIT

By locating the pump unit outside the float room it enables the maximum noise isolation to be achieved. It can also simplify and make inspection and maintenance when required to be carried out more easily.

CONNECTIONS

Supply and return pipes will need to be connected to the rear of Orbit as well as multi way umbilical cable. This supplies power and controls for the lights, music and door mechanism.

INTERNAL PUMP LOCATION



RESERVOIR TANKS

Due to the solution held within the Orbit reservoir tanks, this helps reduce humidity and eliminate the “heavy” atmosphere of some float rooms. They may need occasional access for maintenance, but can be insulated to reduce heat loss further to provide added insulation.

PUMP UNIT

Standing at just 900mm high x 650mm wide and 800mm deep (36”x26”x32”) it is one of the most compact high performance and integrated all-in-one pump, heating and filtration systems on the market.

ROOM FEATURES

Epsom Salt float solutions are aggressive and can blow drywall construction especially if the humidity in the room is high. Metal fittings will corrode if they are not manufactured from the correct, A wash down tap and drain in each room is highly recommended.

SHOWER

Showers in the float room are a must. It is recommended that, if possible, the room should be designed so that it is close to the exit of the Orbit. This prevents heavy salt trails and simplifies cleaning.

ADA

Disability access is important to consider when designing and planning a float centre. Ensure there is access throughout the building and appropriate fixtures and fittings.

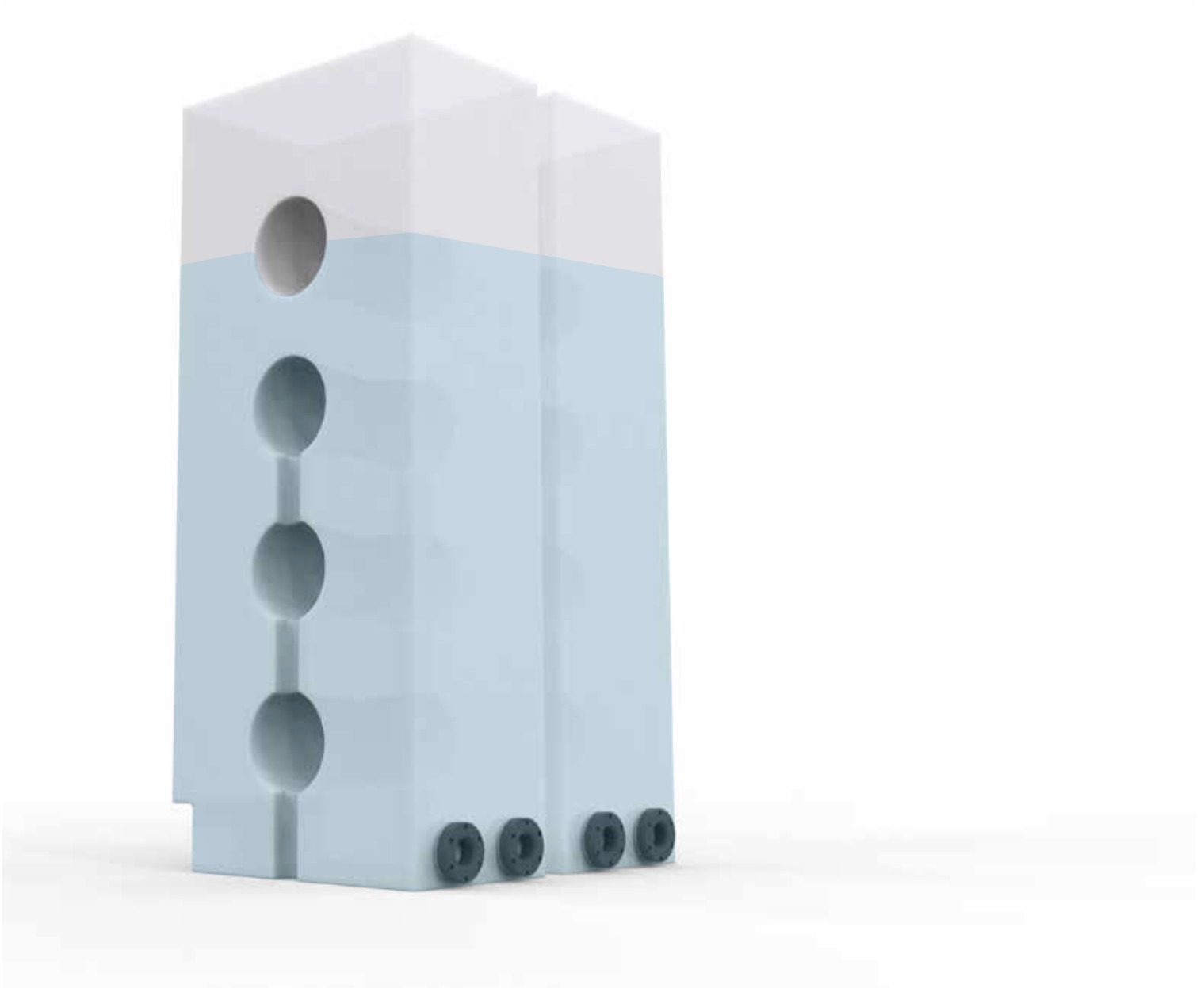
RESERVOIR TANKS

Two 500 litre (132 gallon) tanks made from high density food grade polypropylene provide the storage for the whole solution when the pod is emptied. This significantly reduces the amount of heat loss and evaporation and allows for very easy cleaning of Orbit between floats if required.

Level sensors and temperature probes ensure that the solution held in the reservoir storage tank is maintained at the correct temperature and is always ready for use.

By dividing the total volume between two storage tanks it allows for easier installation through standard doorways and avoids the need for special handling equipment. It also provides greater flexibility for installation as they can be configured in-line or side by side or even split to fit confined spaces.

Even greater performance can be achieved by insulating the storage tanks using conventional wall insulation or insulating blankets around the tanks.



ORBIT CONTROL

Orbit Control is installed as standard on both the Orbit Plus and Orbit Zero models.

Orbit Control is the intelligent interface that allows float centre staff to control one or more orbits from a centralised tablet or PC. Designed to make interaction and control of the Orbit as easy and simple as possible.

The software allows full customisation of the user float experience which includes selectable lighting profiles, high quality audio and float duration to allow for the most unique and personalised customer experience.

Orbit control is an automated system that allows float centre staff to concentrate on caring for their customers.





PRE-INSTALLATION ACCESS

Orbit has been designed to provide users with an optimal floating experience in the largest float space on the market. At the same time, Orbit has been designed so that the unit has as small a footprint as possible to enable the components to be installed with relative ease through buildings and rooms

The base component is the largest part of Orbit, however, it has been designed to fit through a standard door on its side 1981mm x 762mm (78"x 30"). Sharp corners in building corridors often cause the greatest difficulty for access during an install. The low height of the base unit is designed to allow access down narrower corridors than other units.

The minimum recommended corridor width is 1200 mm (48") this allows enough access to swing the base around a corner. Consideration needs to be made where doors are located in room designs as well as door surrounds, skirting boards, etc.

Having installed a number of units in several countries, Orbit staff are happy to offer assistance with advice and suggestions that may help the room design as well as considering access using 3D software which can be provided to a customer's designer/architect.

Please contact Orbit for any assistance.

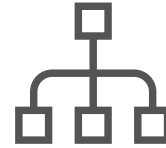


ORBIT INSTALLATION REQUIREMENTS



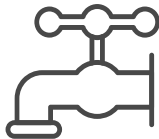
32 AMP SUPPLY

Each Orbit requires its own individual 32 amp electrical supply, similar to a domestic oven installation.



WIRED NETWORK POINT

For remote support and connection to Orbit's control system, each Orbit requires a wired network point in each room.



TAP TO FILL

During installation it will be of great assistance if a water supply is available to enable Orbit to be filled up for the initial epsom salt solution mix. It has been found that having a hot water supply makes the process considerably quicker. We also recommend a tap in each room to make washing down and maintenance easier.



DRAIN IN ROOM

Orbit reservoirs have overflow pipes which should be connected to your building's drainage in the event that the system is over-filled when the salt is being added. A drain also makes it easier to wash down the Orbit's interior.

PRICING

1 x Orbit Zero fully installed including Orbit Starter Kit** = **£19,950** + V.A.T, including shipping*

1 x Orbit Plus fully installed including Orbit starter kit** = **£28,000** + V.A.T, including shipping*

* Shipping

- is included within the United Kingdom
- Please contact us for a quote outside the UK
- All shipping excludes travel and accommodation

**The Orbit Starter kit:

- 550kg of salt
- 10 litres of Orbits Hydrogen Peroxide
- Absolute 1 Micron Filters
- Sound Isolating Mats
- Drain down hose
- Maintenance kit
- Manuals
- Tablet controller (one per location)
- Full training

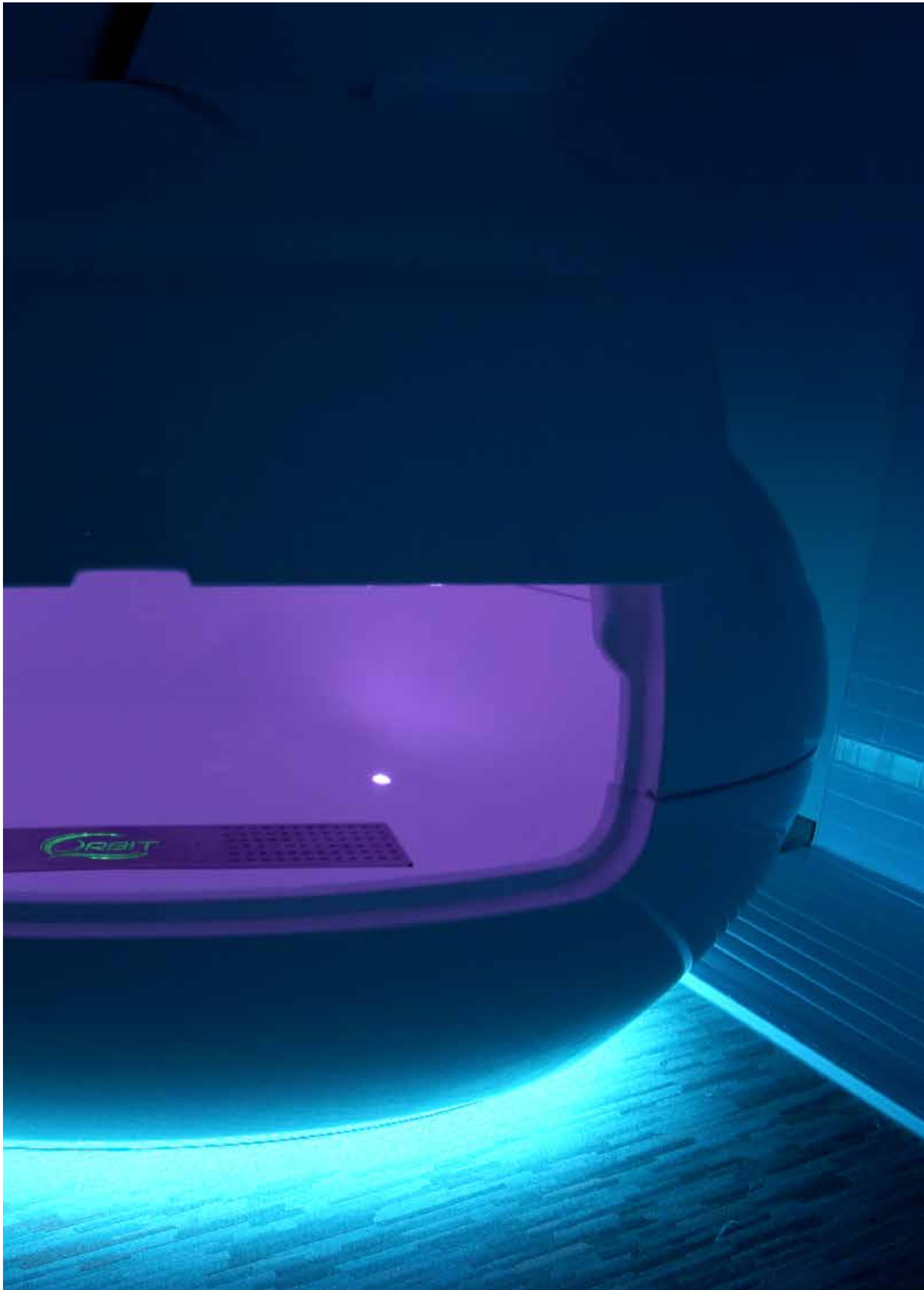
50% DEPOSIT

On receipt of your acceptance of the final quotation and order, a deposit invoice will be issued for 50% of the total quoted cost.

On receipt of the deposit, the delivery date and installation details will be provided.

INSTALLATION SIGN OFF

Prior to re-confirming the details for delivery and installation, it will be necessary to receive written confirmation that the site is ready for the installation to be carried out, including confirmation of the correct electrical and water supplies and the completion date for all building works.



C O N T A C T U S

If you need more information, please do not
hesitate to get in touch.

We are happy to provide advice and answer
any questions.



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