



# LUXURY SWIMMING POOLS

Private Residential & Commercial

[www.concept-pools.co.uk](http://www.concept-pools.co.uk)

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# SWIMMING POOL DESIGN & BUILD

Designing your pool is not about us. It's about you, and bringing your vision to life.

We have decades of experience in the design and installation of all types of pools, and we're very proud of being a well-established business with an excellent reputation within the wet leisure industry.

To establish the right specification for your needs, a face-to-face consultation is best. We can either come to see you or, alternatively, you are welcome to visit us in our pool lounge area at our offices in Huddersfield, West Yorkshire. Consulting with you helps us gain a good understanding of your needs, and to bring your vision to life.

*“Dive into high design – your perfect pool is a quality collaboration of pool owner and professional expertise”*



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# SWIMMING POOL DESIGN & BUILD

**THE FILTRATION:** Safe bathing conditions are paramount and our filtration systems are specifically designed to suit each installation. To ensure best water quality the hydraulics of a filtration system including pumps, pipe sizing, heat exchangers, and pool finishes are designed to suit the plant flow and to ensure quality treated water is delivered to all areas of the pool. Mechanical and electrical elements of the filtration system are all tested and certified at handover.

**THE POOL SHELL:** All our pool shells are formed by either the traditional reinforced shuttered and poured concrete method or by reinforced sprayed concrete method.

Both applications are installed to current BS EN Standards. Sprayed concrete is an extremely versatile material that lends itself to many applications in the industry. The system has advantages similar to all other concrete structures - it is durable, resistant to disasters and has good thermal mass. It particularly lends itself to the installation of free form pools, with tight curves and flowing lines. However, the main benefit of using sprayed concrete is the speed of application. Traditional reinforced shutter and poured concrete is still the most favoured of installations, particularly on bigger pools and when the pool is level deck. Yes, it's a longer process than spraying, but the finish before render application is smooth and easier on the eye.

**THE TILES:** A beautiful pool will take your breath away and although mosaic has been a traditional pool tile design for thousands of years, the sky is the limit now when it comes to creative design and blends of different colours, materials and finishes.

The choice is huge, from porcelain, glass, stone and pebble or beautiful bespoke creations. Whilst you want your pool to look its best, it is important to adhere to the highest technical and safety standards, and all our tiling works are carried out by our own experienced in-house tiling team.

**POOL HALL ENVIRONMENT:** If you decide to opt for an indoor pool facility then, with our great British weather, the benefit of being indoors is that it can be used by all the family, throughout the year.

Maintaining a pool hall temperature which is always 1 degree above pool water temperature eliminates dampness & condensation on windows, fixtures and fittings. In our installations we incorporate a market leading Heatstar system which controls both pool heating and pool hall heating & dehumidification in an all in one unit. These units are extremely reliable in controlling the temperature of your pool hall environment, ensuring a pleasant and comfortable pool experience.

# SWIMMING POOL DESIGN & BUILD

**POOL COVER:** If you wish to keep pool running costs to a minimum, then a pool cover is highly recommended. We can tell you about at least 8 very good reasons why you should install a pool cover, but the choice is yours!

- Conserves water
- Cuts down energy cost
- Saves money
- Keeps out debris
- Less maintenance
- Helps retain heat in the pool
- Cuts down chemical usage
- Slows down evaporation

A pool cover is of course a personal decision, with many choices available for the finishes that float on top of the pool. However, if you decide that you don't want to hide your pool with a cover, one thing to bear in mind is that a residential pool is typically used 20% of the time which means the pool could be covered for 80% of the time, thereby saving on the associated cost of having your own pool.

**HANDOVER:** Your pool will be designed, installed and commissioned to a very high standard, and you will receive specific training with a set of operation instructions on handover.

We don't want to say goodbye though and we are happy to hold your hand and help keep your pool, spa or sauna running safely and smoothly, by offering a range of service & maintenance packages to suit every client's need.

Swimming pool maintenance is an important part of keeping your family and friends safe whilst enjoying your pool, as well as keeping the facility in tip top shape. With that in mind, please see our residential service & maintenance section to find out more about aftercare options.

*“Our services are available  
for both domestic and  
commercial customers”*

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# SERVICE & MAINTENANCE

## FOR DOMESTIC POOLS

Are you having trouble with your pool and fed up with your pool being out of action or breaking down?

If the answer is yes, then you need proactive service & maintenance care from the professional engineers who care, helping prevent problems before they happen.

The importance of regular pool maintenance is often overlooked when all you want to do is enjoy your pool by swimming in it. Let us take care of your pool and other leisure facilities so this is one item you can tick off your to do list.

Tell us your requirements and we will establish a service and maintenance plan that suits you. This is simple and easy to do. We offer a no obligation free survey of your leisure facilities at your home.

Adam, who is our sales engineer, will come to you for a meet and greet and establish what your needs are so we can tailor a service and maintenance package to suit you and your lifestyle. We don't believe in doing contracts. If you use our service, you are free to walk away at any time. We believe that once you become a customer and experience our services then you won't want to leave us.

Andy heads up the service and maintenance department. He and his team of experienced engineers are here to attend to all your needs. They are focused on delivering a service above and beyond all expectations. Any problems are only a phone call away and an engineer will be arranged to promptly attend and fix breakdowns and faults.



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# SERVICE & MAINTENANCE

## OPTIONS FOR DOMESTIC RESIDENTIAL POOLS

Here are some options we offer from hands-on to hands-off clients. If you are the more hands-on type, then you should be opting for a minimum of a 12-month interval service with yourself responsible for the regular maintenance.

Like most of our clients, if you would prefer to only swim in your pool and have nothing to do with the maintenance, then a maintenance visit every 2 weeks will keep your pool and equipment running smoothly and efficiently.

Your typical options for regular maintenance are:

**Weekly maintenance visits**

**Twice monthly maintenance visits**

**Monthly maintenance visits**

**6- & 12-month service visits only**



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# SERVICE & MAINTENANCE

## OPTIONS FOR DOMESTIC RESIDENTIAL POOLS

**WEEKLY MAINTENANCE VISITS:** This option would be for clients who don't want anything to do with the pool plant and equipment - apart from swim. The pool water is managed by us and is in pristine condition every time the pool is used. The pool will have an automatic dosing system that is also monitored remotely by our service department.

**TWICE MONTHLY MAINTENANCE VISITS:** This option is also for clients who don't want much to do with pool plant and equipment - and where the pool may not be used every day. However, when used, it is expected to be in pristine condition. This is our most popular package.

**MONTHLY MAINTENANCE VISITS:** This option is for clients who are content with testing the pool water and adding chemicals if required throughout the month. If automatic dosing is installed, then topping up of chemicals wouldn't be required. The controller would automatically balance the pool water until checked on the monthly maintenance visit.

**6- & 12-MONTH SERVICE VISITS ONLY:** This option is for the more hands-on client who looks after the pool plant and equipment, and carries out all the checks and balancing of the pool water on a regular basis. Every 6 months the plant room equipment would be given a full service by our professional engineers, with a full written report with any defects reported.

A good cost-effective option to the above packages would be to make them all inclusive. Included in the cost would be all chemical supplies, water testing tablets, unlimited callouts for breakdowns.

If you would like a free no obligation site survey, then please contact us today and our service team will be happy to assist you.



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# SERVICE & MAINTENANCE

## COMMERCIAL POOLS

Are you fed up putting the 'out of order' sign up and feeling the wrath from clients? This is a common theme for pools that don't have Concept Pools as their service & maintenance partner.

We combine our leisure Industry experience and capabilities to provide maintenance and backup services bespoke to each client.

The team recognizes all challenges involved in each individual contract. For instance, when health clubs and spas are striving to retain members, the smallest annoyance can lead to dissatisfaction and cancelled memberships, and probably the most annoying sign to be seen on equipment is "Out of order". Concept Pools recognize this and offer planned preventative maintenance schedules for swimming pools, spas, saunas and steam rooms.

Our professionally qualified engineers will carry out thorough checks to ensure that any potential problems are identified and rectified before they become critical - minimising down times and maximising smooth running of your wet leisure areas. We are committed to providing high-quality service while at the same time providing the continuity of in-place, experienced staff.



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# SERVICE & MAINTENANCE

## COMMERCIAL POOLS

Our proposed service management approach provides a strong contract and program management, knowledgeable staff with experience in the wet leisure industry and technology, and a comprehensive solution that supports the goals of each client. We establish a partnership by being flexible and responsive to business requirements and changes while being reactive to call-outs for support.

In addition, we have program plans, contract management processes, and human resource programs already in place, which will reduce downtime risk to ensure smooth uninterrupted pool filtration plant room operations. Our team is in an ideal position to improve services, because our approach builds on the Core Concept Pools philosophy.

Why not take us up on our offer of a free survey of your wet leisure facilities? If you want different results to what you are currently getting, then you have to be willing to change what you do to achieve a different outcome. We are not like your typical pool contractor. We don't do contracts and we offer a turnkey operation with chemical supplies, water testing consumables such as testing tablets, and also offer microbiology and legionella sampling programs with all samples taken by our engineers and taken direct the same day to our lab.

With no contracts it is simple, if you are not happy with our performance you can simply walk away. We believe that once you become a customer and experience our services then you won't want to leave us. Everyone in our team has a minimum of 10 years' experience with the wet leisure industry. Some have over 30 years, but we won't remind them of that, so they don't feel too old about themselves.

**If you would like a free no obligation site survey, then please contact us today and our service team will be happy to assist you.**

*“Everyone in our team has a minimum of 10 years' experience with the wet leisure industry.”*



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# SHOP

Here at Concept Pools we are the one-stop shop for all your swimming pool needs. We have been providing clients with flawlessly designed swimming pools, supplies and equipment for many years.

With over 75 years of experience in our team we have become a reputable swimming pool supplier throughout the UK. With a vast range of swimming pool supplies and equipment you won't have to go anywhere else. We also supply some of the world's leading swimming pool equipment.

If you don't know what you need, don't worry, our friendly and knowledgeable staff will help educate, inspire and problem-solve for all our customers. Not only are we an online shop for all swimming pool supplies and equipment but we also provide design, maintenance and installation to all types of pools, spas, hot tubs and wet rooms for all types of customers from commercial to private.

Concept Pools are the leading providers for swimming pool supplies and equipment across the UK so please don't hesitate to get in touch. Call us on 01484 213481.



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# LEGIONELLA & MICROBIOLOGY TESTING

## MICROBIOLOGICAL TESTING

All non-domestic pools should be getting the pool water tested at a UKAS-accredited laboratory for microbiological contamination. In most pools this should be done on a monthly frequency, but certain pools, such as hydrotherapy pools, it should be done on a weekly basis.

Whenever a microbiological sample is taken it is important that a pool water chemical test of free and combined chlorine and pH is taken at the same time as a reference. The water clarity and the bather load should also be noted.

The four standard tests and the acceptable levels for each are:

Aerobic Colony Count < 10cfu/ml

Total Coliforms <10cfu/100ml

E. Coli <1cfu/100ml

Pseudomonas Aeruginosa <50cfu/100ml

If you get the lab results back and any of them are outside of these ranges, you need to get the water tested again as the samples may have been taken just after someone 'released' something into the water and the system has not had time to deal with it yet. If the repeat tests are still not within the acceptable ranges, the pool operator should take this as an indication that the pool water treatment and/or management system is not functioning as it should.

The system and arrangements for managing the pool water quality will need to be looked at with a view to pinpointing exactly what is wrong and then putting it right.



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# LEGIONELLA & MICROBIOLOGY TESTING

## MICROBIOLOGICAL TESTING

### Colony Count

This is a count of all types of bacteria that have been able to form a colony on the laboratory media under the test conditions.

### Total Coliforms

Total coliforms are a particular type of bacteria. They exist in animal (and human) intestines as well as being present in the environment (on vegetation and in soil). The presence of total coliforms in the water may indicate that faecal or environmental contamination.

### E. Coli

A type of coliform bacteria. This particular type of bacteria cannot multiply in water, but they are normal inhabitants of the intestinal tract. Therefore, the presence of this bacteria in the water is an indication of faecal contamination.

### Pseudomonas Aeruginosa

These bacteria can cause folliculitis (a type of skin infection) and are widely distributed in the environment. The presence of these bacteria indicates colonisation of part of the system (probably the filters). They can be present in a sample, even in the absence of coliforms, hence their inclusion in the standard microbiological tests.

### Gross Microbiological Contamination

What if the results are way outside the acceptable ranges though? At what point does the pool operator need to close the pool down due to gross microbiological contamination? **The official guidance is that the pool should be closed down if any of the routine monthly microbiological test results indicate either of the following scenarios:**

*Greater than 10 E. coli per 100ml in combination with an unsatisfactory colony count (>10 per ml) and/or an unsatisfactory Aeruginosa count (>10 per 100ml) greater than 50 Aeruginosa per 100ml in combination with a high aerobic colony count (>100 per ml)*



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# LEGIONELLA & MICROBIOLOGY TESTING

## LEGIONELLA

As swimming pools and hydrotherapy pools are not recognised as a source for Legionnaire's disease, routine testing for legionella for these types of pools is not normally required.

Spa pools, however, are a recognised source, and therefore need to get the water sampled and tested for the presence of legionella bacteria on a quarterly basis (more frequently if there are doubts or concerns regarding the effectiveness of the pool management system). Samples should be collected from the pool and balance tank, and legionella should be absent in a one litre sample.

If any legionella are present, the pool should be resampled, drained, cleaned and disinfected. The pool management system should be reviewed, along with the risk assessment. The pool should be re-tested the day after refilling and again 2 - 4 weeks after. If the numbers of legionella detected are over 1,000 cfu's in a one litre sample, the pool should be closed and public access restricted. The pool should be super-chlorinated with 50mg/l of chlorine for 16 hours (with circulation on, but air blowers off). The same steps as described above should then be carried out. The pool should not be opened again until the absence of legionella has been confirmed.



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# LEGIONELLA & MICROBIOLOGY TESTING

## LEGIONELLA

Microbiological monitoring of domestic hot and cold water supplied from the mains is not usually required, unless the risk assessment or monitoring indicates there is a problem.

The risk assessment should specifically consider systems supplied from sources other than the mains, such as private water supplies, and sampling and analysis may be appropriate.

Legionella monitoring should be carried out where there is doubt about the efficacy of the control regime or it is known that recommended temperatures, disinfectant concentrations or other precautions are not being consistently achieved throughout the system. The risk assessment should also consider where it might also be appropriate to monitor in some high-risk situations, such as certain healthcare premises.

At Concept Pools we offer a personal service when it comes to testing. All sampling of all pool waters is taken by our engineers on scheduled dates and driven to our lab the same day for testing.

We can bespoke-program your testing needs to comply with current regulations. All reports and results are then conveniently emailed to you in a timely manner.

**For a bespoke microbiology and legionella program that suits your pool needs please don't hesitate to get in touch.**

**Call us on 01484 213481.**



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# CHEMICAL SUPPLIES

Here at Concept Pools we can supply a full range of chemicals for your swimming pool.

We are one of the leading swimming pool chemical suppliers in the UK and we have every swimming pool chemical you could possibly need.

From 5-litre domestic to 1000-litre pump over at leisure centres; due to the volumes we buy we have good buying power with prices we hand on to you, the customer. We can compete with the big boys in our industry. Let us give you a quote and see how we can save you money. We don't do silly delivery charges and packing charges like some of the big boys. We serve both the domestic and commercial sector.

If you require any advice regarding your pool water treatment or pool chemical balance please contact us and we will point you in the right direction, ensuring your swimming pool chemicals are keeping your swimming pool water healthy and clean. Our friendly knowledgeable staff are here to help and will be happy to advise you on your chemical's decisions.

**Concept Pools are the leading providers for swimming pool chemicals across the UK so please don't hesitate to get in touch.**

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# TANQUA SHIPPING CONTAINER POOLS

## BRAND NEW SHIPPING CONTAINER SWIMMING POOLS

Tanqua Pools is a new breed of affordable swimming pool, and it is our sister company that specialises in the creation, manufacture, and installation of brand new shipping container swimming pools.

Making your dreams an affordable reality, we design and manufacture swimming pools by using brand new shipping containers. These pools are available in two sizes of 20ft and 40ft, but speak to us if you have other ideas too.

Inground, above ground, indoors, outdoors in your backyard, and with added features such as a spa or heating, your choice of decking, colour, designwork, internal or external plantroom – the versatility of our shipping container swimming pools means that they can be designed and manufactured specific to each person's requirements. We like to call it 'imagineering' – a hybrid of imagination and engineering best coined by Walt Disney. We do a lot of that here, with the implementation of creative ideas into practical pools, and always maintaining the highest quality of build.

*“Transform your garden. Transform your summer. Transform your ability to swim all year round. Transform your world at an affordable price.”*



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*We'd love to hear from you – let's be in touch ...*

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