



Hydrotech

Swimming pools, Fountains
Landscaping



about us

Established in 1986, Hydrotech is one of the leading companies in innovative fountain features and swimming pools in the Gulf today. The company specialises in the design, construction, supply, installation and maintenance of interactive sequenced fountain features, water features, swimming pools and spas.

In 2002, we were accredited with the ISO9001/2000 Certification and we continue to maintain the quality and service that we are known and respected for.

Hydrotech Engineering has over 300 employees and offices in Ajman, Sharjah, Dubai and Abu Dhabi. We are committed to providing a highly professional and unique service that covers the whole of the U.A.E market.

Our services however, have stretched beyond the U.A.E market, and we are now undertaking works all over the Gulf, the Middle East, Asia and Europe. We have also established new offices in the Middle East and Europe.

Our services and products are available worldwide. For any enquiries or further information, please contact us: at hydronet@emirates.net.ae / sales@hydrotechuae.com or visit our website at www.hydrotechuae.com.

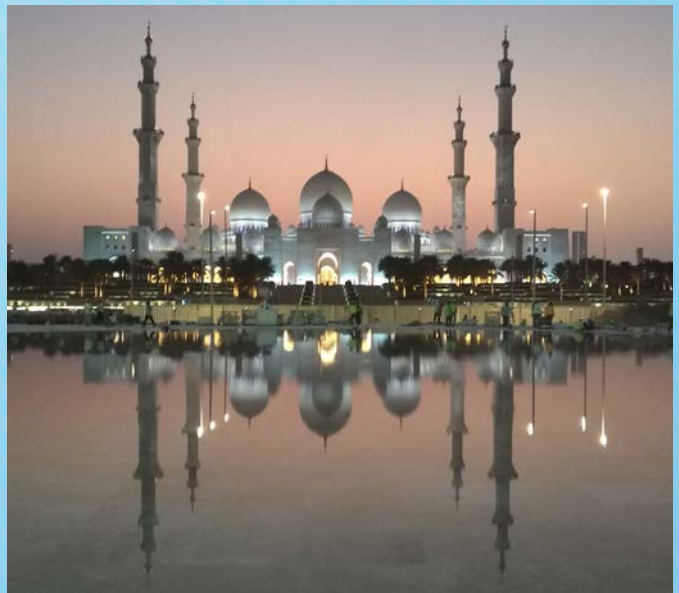


fountains & water features

Hydrotech Engineering, is a highly recognised name in the fountain feature industry. Our experience and expertise in fountain designs, sequence programming works and supply of high quality fountain products and fountain installation, has enabled us to lead the market by far.

With over 30 years of experience, we provide turnkey solutions from concept designs to final installation, programming and commissioning.

Hydrotech specialises in the design of interactive and sequenced fountain features, including programming & choreography of musical fountains. Our experienced engineers design and programme the sequence water switch nozzles, jumping jets and LED RGB lighting systems to create a number of spectacular fountain shows and displays.



Memorial Park, Abu Dhabi

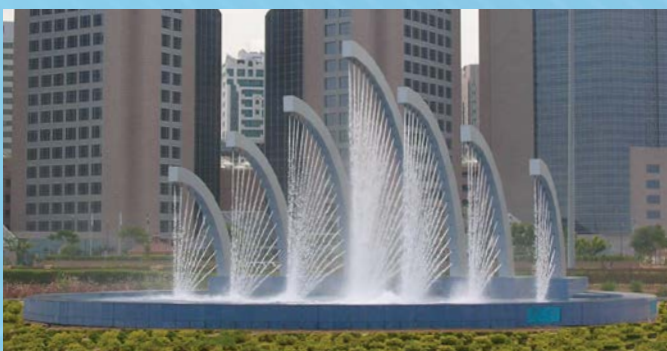
specialises in the design of interactive and sequenced fountain features



Palace for H.E The Chairman of Dubai Municipality



Badia Golf Course Roundabout, Dubai Festival City



Beautification of Abu Dhabi Corniche



Bollywood Theme Park, Dubai

We are committed to providing an efficient and professional service to meet the demands of a knowledgeable and discerning client base. Our dedicated team of experienced engineers are able to offer technical support to architects and designers in order to achieve a high quality and cost efficient solution to their particular design.



Beautification of Abu Dhabi Corniche, Trip-2016

When catering to the needs of the client we are always open to new ideas and possibilities, taking the client's budget and style into consideration.

Our reputation for professional fountain designs, supply of high quality products, and installation works precedes us, and as a result of our continuous hard work and commitments, we have undertaken numerous fountain projects overseas, including Ukraine, Africa and all over the middle east.

open to new ideas
and possibilities

Hydrotech brings water to life and water brings life to any setting. Its sight, sound and motion transform ordinary settings into vibrant, stimulating environments. The creative use of water adds immeasurable value to any architectural and commercial project. Fountain technology has improved tremendously in the past decade with the introduction of fast acting sequence jets, LED lighting, water text display and water curtains. We thrive on keeping up with all the latest fountain technological advancements and introducing them to our clients and projects.



Water Cascade Feature - Burj Khalifa, Dubai



Motion Gate Theme Park, Dubai

Our goal is to exceed our customers' expectations while working with them to develop safe, sound, economical solutions to their architectural fountain needs and our mission statement is to actively promote the use of water features as significant design elements in all architectural environments. It is to provide our customers with the industry's highest quality products, design support, installation and service to ensure the successful completion of their water feature project.



Etisalat Road, Abu Dhabi



Clock Tower, Dubai



Beautification of Abu Dhabi Corniche
Trip-2016

fountain services

Conceptual Designs

Submit conceptual design drawings for approval.

Fountain Animation/Simulation

Prepare and submit fountain simulation, demonstrating the fountain effects, sequencing and lighting.

Design Development

Carry out preliminary drawings, assess costs, and design requirements.

Technical Design

Carry out hydraulic and electrical designs and produce design CAD working drawings.

Supply of Fountain Products

We are distributors for a number of top quality fountain manufacturers from Europe, America and Canada, and we stock a wide range of fountain products.



PEM

Project Management

Technical review, on site inspections and start up assistance.

Programming & Choreography of Sequenced Fountain Features & Musical Fountains

Hydrotech have their own experienced full time programmers and Choreographers, that can programme and choreograph small to very large sequence and musical fountain features. We have a wide range of experience with the design and programming of sequence water switches, jumping jets, burst jets, pop jets and LED RGB lighting systems to create a variety of fountain shows and displays. Our choreographers work closely with the Programmers to synchronise the sequenced jets & RGB Led lighting to musical songs.

Complete Construction & Installation works

Carry out the complete construction & installation of all the electromechanical works for the fountain feature from the fountain pool to the pump room.

Maintenance & Support

We provide yearly maintenance contracts to maintain the water features. We also provide training of personnel, back up support and warranty.



Beautification of Abu Dhabi Corniche, Trip-2016



Sequenced fountain, Yas Island, Ferrari World, Abu Dhabi



Equestrian Club, Abu Dhabi



Overseas Project



Yas Mall, Abu Dhabi

fountain design

Fountain design involves the skilful blending of architectural, hydraulic and electrical disciplines. Successful water features exhibit not only exceptional aesthetic qualities and well designed electrical/ mechanical systems, but also superior attention to detail. The primary considerations in any fountain installation is purpose/intent, location and budget. Important physical parameters relating to pool depth, spray height and wall height should be established in the early design stages.



Gateway Waterfalls, Al Badia Golf Club, Dubai Festival City

The fountain designer has a variety of individual nozzle effects, waterfalls and combination water features available and the design options are unlimited.

Material choice, colour, scale, shape and sound all contribute to the fountain's integration with the architectural or landscaped environment. The way in which these factors are handled can affect how well the water feature enhances a setting.

superior attention to detail



Beautification of Abu Dhabi Corniche Trip-2016



Grand Hyatt Hotel, Dubai



Mega Mall, Sharjah

The design of a successful fountain installation relies upon a number of factors. The suitable selection and sizing of often over-looked pool components are important in the design process. Once the general parameters and water features for a fountain have been established, the appropriate pumps, filtration system and water treatment system can be selected.

the design options are unlimited

Furthermore, proper selection of water effects is essential for a successful design. All individual water effects and their visual appearance may be broadly categorised into three basic groups: aerated effects, solid stream effects and sheet effects. There are five basic considerations that must be made each time a water effect is selected. These are: noise level, wind resistance, water level dependence, clogging potential and the desired height of the fountain spray.

lakes, ponds, streams & waterfalls

Hydrotech has extensive experience in the design, construction and installation of lakes, ponds, streams and waterfalls. One of the most beneficial and cost effective methods of improving your lake or pond is the installation of an aeration system. This simple bubbling of air to the surface provides the water with oxygen, which creates a vital circulation pattern. The result is healthier fish; reduced algae growth; fewer dissolved toxic gasses; fewer odours; elimination of stagnation and ultimately, lower lake management costs.



Bollywood Theme Park, Dubai

floating fountains & lake aerators

Hydrotech are the leaders in the design, manufacture, supply and installation of floating fountain features. Our floating fountains are custom designed to meet the clients' requirements, whether it be a small, decorative floating fountain feature or a spectacular 100 metre high, single column jet floating feature. We also offer a wide variety of spray patterns and spray heights. Floating fountains not only provide the oxygen water needs, but also create a picturesque waterscape.



Floating fountain, Emirates Hills - Dubai



Floating fountain, Equestrian Club, Abu Dhabi



Floating fountain, Equestrian Club, Abu Dhabi

Our lake aerators pump compressed air to bottom diffusers resulting in total water column aeration, circulation and desertification. They are the most efficient and reliable aerators on the market. Bottom aeration systems create a vertical current using the rising force of millions of small bubbles to entrain the water column, "turning the lake over" and allowing oxygen to be absorbed at the lake's surface.

Moving the lower-oxygen water up from the bottom and eliminating thermal stratification, increases oxygen levels throughout the water column. The risk of death for the fish is prevented as wider swings in oxygen are stabilised. This also helps the fish expand their territory into former oxygen-deprived portions of the lake.

custom designed to suit
your requirements

water script curtain

The water script curtain provides an incredible and dazzling display of graphics, patterns and text in the form of cascading water droplets. It works by switching fast acting valves on and off. This produces falling segments of water that serve as pixels, creating a surprising display that constantly scrolls downward.

Computer-controlled software allows all water curtain features to be controlled interactively, so that any graphic design interface and other multimedia drivers can be played by the users in an intuitive and easy way. All water display possibilities may be controlled by different devices and



drivers, depending on the interactive idea and specific designs of the water curtain.

It may integrate electronic sensors along its length. These sensors can detect the approach of people, so that the water curtain can open and close to allow them to pass through.

The water script curtain is major crowd attraction and therefore ideal for exhibitions, business functions, shopping malls, and advertising displays and available on a sale and rental basis.

the ultimate water screen

The Hydrotech Ultimate Water Screen is a high resolution rear projection screen created entirely in a cascade of free falling water. This unique screen is one of the most significant advancements in multi-media projection technology. The interaction of light and water brings a whole new visual dynamic to your feature, which takes on a holographic look and appears to be floating in mid air.

The Ultimate Water Screen has been engineered for use with lasers, videos, films, intelligent lighting and all multimedia projection and lighting sources. It can be used for presentations, exhibitions, wedding functions,



business functions, parties, night clubs, shopping malls, advertisements and any special occasion. This is a truly unique and awe-inspiring liquid display medium. The most common response we hear is "WOW".

With a high resolution projector, one can display an unlimited array of imagery and lighting to suit the occasion. The units come in 1.2m lengths and can be assembled together in any size and configuration.

The Hydrotech Ultimate Water Screen is available for sale and on a rental basis.

fog misting system

Fog and misting systems are very popular for use around swimming pools, fountains and water features either for residential or commercial and public applications.

Hydrotech have a vast experience in fog and misting systems. At 1000 PSI, water droplets as small as 5 microns (5 millionths of a meter) in diameter can be produced. At this level, 'flash evaporation' occurs reducing the ambient temperature. This process of 'Thermal Dynamics' is effective because water requires energy (600 calories of heat to evaporate 1 gram of water) to evaporate. This energy exchange results in outdoor cooling or reduced temperatures.



Marina Sales Centre, Umm Al Quwain

turn any outdoor space into a cool and soothing tropical oasis

As with any outdoor cooling system, the overall effectiveness of the mist system will depend on existing temperature, the humidity levels and the air exchange rate. With high temperatures (above 80 degrees Fahrenheit) and low humidity levels (below 50%) the mist system results can be dramatic, especially when there is constant air exchange within the patio. Fresh incoming air is quickly cooled without causing an uncomfortable increase in humidity levels. As with any evaporative cooling process, the more moisture evaporated, the greater the systems outdoor cooling capability.



Zabeel Park, Dubai



Ferrari World, Abu Dhabi

Hydrotech's fog systems can enhance any fountain design to unleash a dramatic appeal or can be a stand-alone technology that is used within artistic installations or "dry" fountains that employ fog rather than jets of water.

Adding fog to a fountain or water feature simply enhances the experience for onlookers. Not only is it visually stunning but it develops a more interactive experience as viewers are able to feel the presence of the fog. Fog not only represents a 'wow effect' for fountain design.

Fog provides residual cooling to guests during the warmer parts of the year and is a natural backdrop for lighting as it captures and reflects light at night.

Fog and mist systems in fountain features obscure sight and emulate steam or smoke, in water play, as an interactive element, or as a backdrop to lighting and dramatic effects. Mist systems do more than just cool patios and outdoor spaces. They also suppress dust and help to eliminate odours.

Ferrari World fountain feature

Hydrotech Engineering were awarded the contract to re-design and refurbish the East Fountain Feature at the Ferrari world welcome Pavilion. The Fountain was in a very bad state. All the fountain equipment inside the pools were deteriorating and there was a major problem with the water proofing as all the Fountain pools were leaking.

Many companies attempted to repair the water proofing, however none could successfully stop the leakage. Hydrotech had to strip the pools back to bare concrete, removing the large granite copings, granite wall cladding and water proofing. The lower bottom wall was sprayed with gunite to a thickness of between 10cm to 25cm to form a slight angle in the wall.

The whole area was water proofed with special reactive coatings of Polyurethane elastomers of high mechanical strength, produced by spraying or casting at room temperature from two highly reactive raw material components. The two components are free of solvents.



Cascade Nozzles with Fog System were introduced



All the granite tiles and coping were removed including existing water proof membrane



Granite coping stones were carefully fixed back in position to line and level

During the application, two important tests were carried out. The Electronic Integrity (Spark) Test and the Adhesion (Pull off) test. The Spark test will ensure that there is adequate cover during the spray application to guarantee water tightness and product performance. The Adhesion test will ensure that the product has bonded with the concrete base. Once bonding takes place, no water can penetrate underneath the membrane.



The lower wall was sprayed with gunite to a thickness of between 10cm to 25cm to form an inclined slope and strengthen the wall



Water proof membrane being sprayed carefully to the floors and walls of the fountain pools

All the granite tiles in the pools and walls were replaced and the large granite weir copings removed and re-fixed in position. The fountain feature was completely redesigned to include a series of Aquashi cascade jets in each pool slowly rising and falling. A fog system was also introduced in each pool. The cascade jets and fog systems operate during the day and give a new lease of life to the fountain feature.



Black absolute granite tiles (22cm x 6cm) were supplied and fixed on the lower bottom wall and provided an excellent finish for the water wall effect and amazing reflections of light and colour in the evenings



Large column of water jets illuminated with white LED Lighting operated between the musical fountain shows

a spectacular musical fountain feature

All the light fixtures upwards of 1200 nos, were replaced with Aquashi stainless steel 316 LED underwater light fixtures of 30 watt 24v. This included replacing all the junctions boxes and cord seals with Aquashi products.

The water switch nozzles were refurbished and the unique solenoid that activates the mechanism was replaced as required.

A complete BOSE sound system was supplied and installed, and the fountain was redesigned to operate as a musical fountain feature. A list of ten songs were chosen by the client and Hydrotech with the cooperation and assistance of Aquashi UK who programmed and choreographed the fountain. The end result was a magnificent and spectacular musical fountain feature which delighted and mesmerised spectators.



Turning the fountain into a musical extravaganza. Hydrotech programmed and choreographed the fountain nozzles and lights to musical songs provided by the client

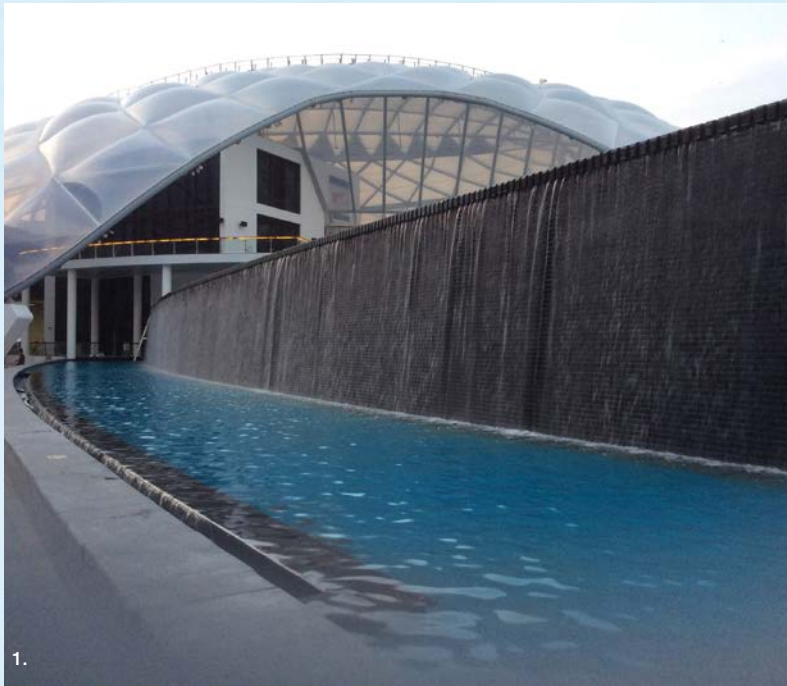


Sequencing of Water Switch Jets & RGB lighting



The water fall weirs were illuminated with Aquashi stainless steel LED 30 watt 24v, RGB lighting that provided multi colour lighting effects to the weirs

partial list of fountain projects



- | | |
|-----------------------------|--------------------------|
| 1. Ferrari World, Abu Dhabi | 5. Yas Mall, Abu Dhabi |
| 2. Ferrari World, Abu Dhabi | 6. Global Village, Dubai |
| 3. Ferrari World, Abu Dhabi | 7. Yas Mall, Abu Dhabi |
| 4. Yas Mall, Abu Dhabi | 8. Global Village, Dubai |



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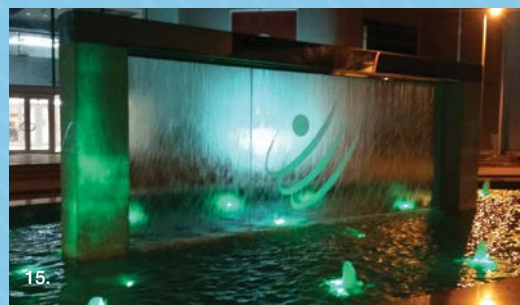
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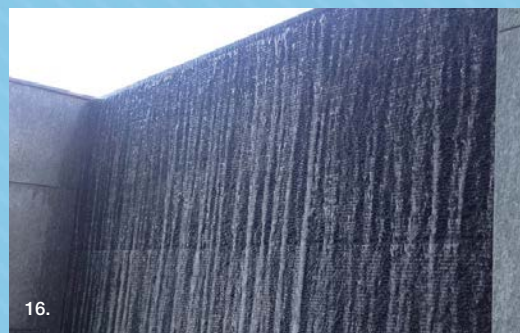
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- 9. Burj Khalifa Cascade, Dubai
- 10. Marina Walk, Dubai Marina
- 11. Abu Dhabi Municipality Park
- 12. Grand Mosque, Abu Dhabi

- 13. Beautification of Abu Dhabi Corniche
- 14. La Mer, Jumeirah Open Beach
- 15. Emirates School Abu Dhabi
- 16. Accountability Office, Abu Dhabi

partial list of fountain projects



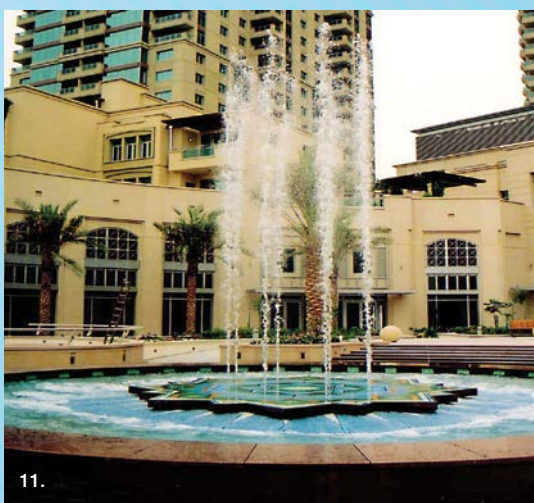
- | | |
|-----------------------|--|
| 1. Overseas Project | 5. Abu Dhabi Corniche Pedestrian Underpass |
| 2. Zabeel Park, Dubai | 6. Dubai Festival City |
| 3. Zabeel Park, Dubai | 7. Beautification of Abu Dhabi Corniche |
| 4. Overseas Project | 8. Overseas Project |



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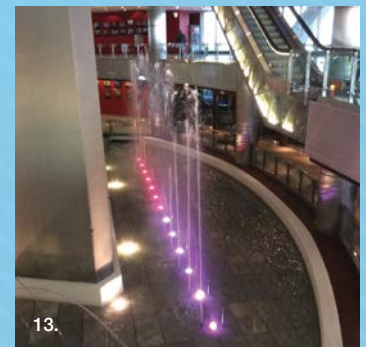
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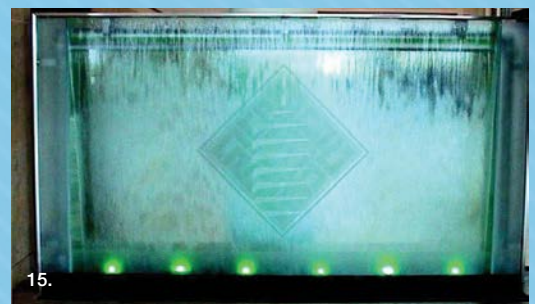
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- 9. Dubai Motor City
- 10. Lusail City, Pedestrian Bridge, Qatar
- 11. Marina Walk, Dubai Marina
- 12. Fog system, Marina Sales Centre, Umm Al Quwain

- 13. Overseas Project
- 14. Overseas Project
- 15. Dubai World Trade Centre, Convention Centre
- 16. Abu Dhabi Mall

partial list of fountain projects



1. Zabeel Park, Dubai
2. Umm Ghaffa Park, Al Ain
3. Zabeel Park, Dubai
4. Glass Flame Fountain, Abu Dhabi

5. Al Ain Clock Tower
6. Water Wall, Hot Brands, Dubai
7. Zayed Sports City, Abu Dhabi
8. Dubai Motor City



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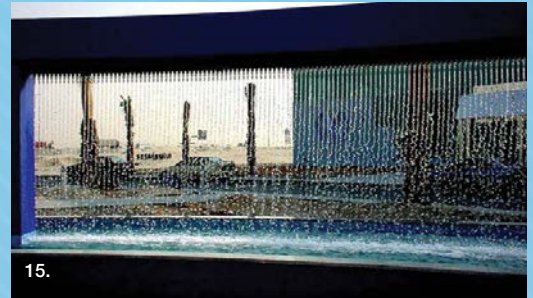
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9. Old Hilton Roundabout, Abu Dhabi

10. Sheikh Sultan Bin Zayed Palace, Abu Dhabi

11. Sheikh Sultan Bin Zayed Palace, Abu Dhabi

12. Sheikh Sultan Bin Zayed Palace, Abu Dhabi

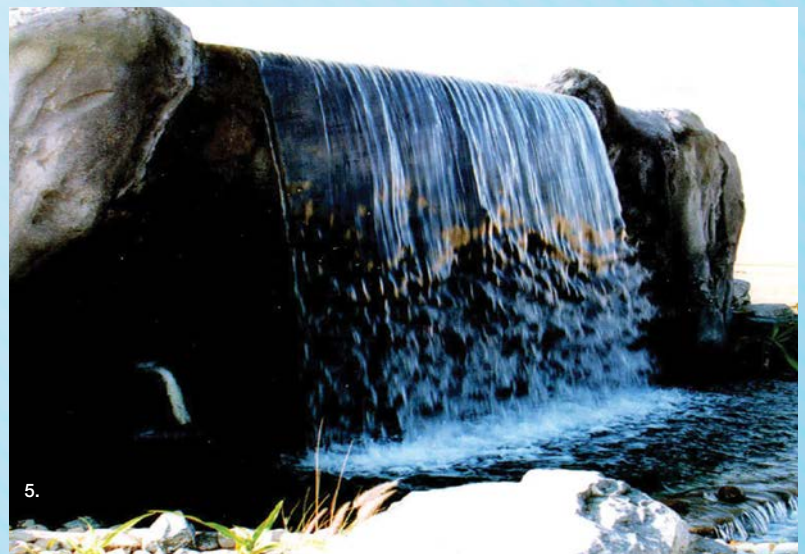
13. Abu Dhabi Municipality

14. Adwea Headquarters, Abu Dhabi

15. Dubai Humanitarian City

16. Abu Dhabi Municipality

partial list of fountain projects



- | | |
|--|--|
| 1. World Trade Center Roundabout, Dubai | 5. H. H. SH Khalifa Bin Zayed Complex, Sea Garaba - Al Ain |
| 2. VIP Entrance, Zayed Sports City, Abu Dhabi | 6. Al Ain Zoo |
| 3. Dubai World Trade Centre, Convention Centre | 7. Beautification of Abu Dhabi Corniche |
| 4. Meena Road, Abu Dhabi | 8. Mirfa Corniche Abu Dhabi |



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9. Diwan Ameer Palace, Ajman

10. Overseas Project

11. Al Tawoon Shopping Mall, Sharjah

12. Global Village Dubai

13. Overseas Project

14. Reflecting Pool, Marina Centre, Umm Al Quwain

15. Sheikh Khalifa Roundabout, Al Ain

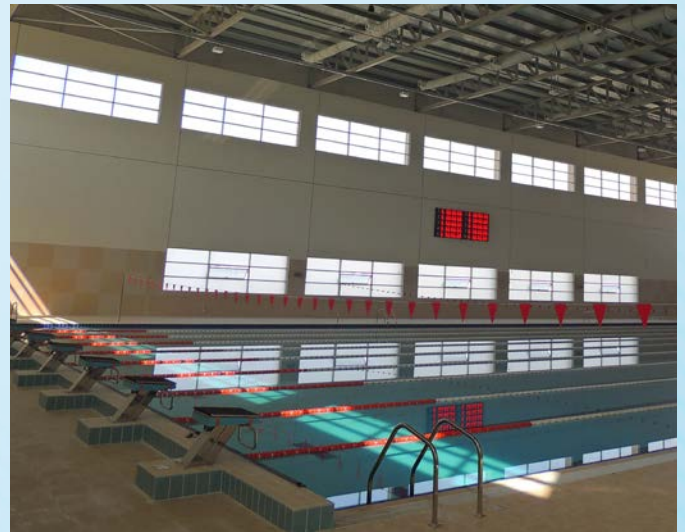
16. Mirfa Corniche pyramid fountain

swimming pools

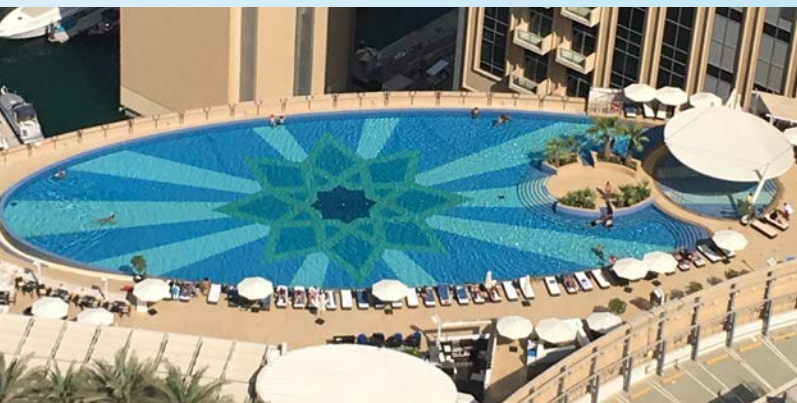
The swimming pool division took off in 1987, with a turnkey project for a construction of a semi Olympic sized swimming pool for a private school in Dubai. We undertook the entire works, from the construction to the supply and installation of the filtration, water treatment, heating, and lighting system. We have not looked back since then and we are proud to say that we are now one of the leading swimming pool companies in the United Arab Emirates.

We undertake all types of swimming pool construction and installation works, from the very large Olympic size pools to the small residential pools. Our work is of the highest standards and we use only high quality swimming pool products.

Our speciality lies in the large commercial type, Olympic and semi-Olympic sized pools. We supply and install all the equipment and materials required for pools used competitively for racing and/or diving. This includes racing float lines; starting platforms; float line rollers; turning panels; pool covers and rollers; commercial, automatic pool cleaning equipment; diving towers and 1m-3m diving platforms. We also provide electronic score boards, electronic starting blocks, and musical equipment for playing music and voice messages underwater.



Olympic sized swimming pool



The Address Hotel, Dubai Marina Mall



Bida Al-matawaa School, Al-Ruwais - Abu Dhabi



Typical dry gunite application

swimming pool construction

We construct the swimming pool concrete shells either by:

- a) dry gunite application,
- b) wet shotcrete application.
- c) ready mix concrete.

There are 3 major types of swimming pools designs:

- 1. Skimmer type
- 2. Overflow type
- 3. Infinity edge.

In some swimming pools we are able to offer both the overflow and infinity edge style.

The skimmer type pools are designed with a number of skimmers (depending on the surface area). They are connected to the suction line of the pump. The skimmer device pulls in the surface water of a pool. It uses the surface tension of the water to pull in the leaves and buds etc., that get blown into or fall into the pool through a small basket. These are the traditional type of pools found in many residential homes. They are considerably cheaper than the overflow pools and do not require additional space for a balancing tank.



Skimmer type pool with timber decking, Al Raha Beach, Al Zeina, Abu Dhabi

swim in luxurious pools

The overflow type pools are accepted as the preferred method for swimming pools and the vast majority of public and commercial type pools are set up this way. They are very good in that they skim everything from the surface while the pump is running. Skimming is the best way to quickly remove pathogens from the water's surface that are harmful to health. The water is filtrated and returned to deeper regions of the pool where disinfection is more effective.



Infinity Edge Swimming pool. The Address Hotel, Dubai Marina

However, overflow type pools require a concrete channel around the perimeter of the pool and a reservoir tank to contain the overflow water. Therefore this method of construction is more expensive than the traditional skimmer pools and also requires more space to house a reservoir tank.



Four Star Hotel "The Retreat Palm Dubai" At Palm Jumeriah



Al-Barari Villa, Dubai



Panorama Towers at The Green, Dubai

Roof top swimming pool construction works is also our speciality. Providing water tight swimming pool construction inside high rise buildings is a major concern to the building owners. Leaking pools can cause serious damage to the property below. Hydrotech understands the damage that pool leakage can do and can guarantee a water tight leak proof construction using our unique methods of waterproofing.

Hydrotech is the major distributor for the following swimming pool equipment manufacturers:

Astral (Spain), **Aqua Source** (Greece), **Pentair** (U.S.A), **Hayward** (U.S.A), **Kripsol** (Spain), **Certiken** (U.K), **Plastica** (U.K), **Miami Tanks** (U.S.A), **E.Clear** (South Africa), **Thermalec**(U.K) , **Electro**(U.K) .



Above pictures: Olympic sized swimming pool, starting blocks and diving boards

We stock a whole range of swimming pool products and accessories for both pool contractors and owners:

- Electric pool heaters
- Ozone generators
- Pool liners and covers
- Heat pumps for heating and cooling
- Filters and pumps
- LED RGB pool lighting
- Safety barriers
- Swimming pool deck tiles
- Ionisers
- Heat exchangers
- Remote controls for lights and pumps
- Fibre optic lighting
- Swimming pool tiles
- Pool loungers
- Diving boards
- UV Sterilisers
- Dehumidifiers
- Automatic pool cleaners
- Pool alarm systems
- Swimming pool coping stones
- Pool games and accessories
- Salt water chlorinators



Racing Lane & Storage Reel



Super Tensioner



Caddy Lane Saver



Lifeguard Chair



Storage Bin



Fire and Water Bowl



Pool Cover

maintenance services

Hydrotech provides ongoing maintenance services to ensure a reliable and cost efficient operation for both swimming pool and water features. The regular maintenance of pools and fountains ensures lasting quality, and is the most prudent way for clients to protect an investment in their water structure.

Our maintenance teams ensure that the pools are always kept clean and are chemically balanced.



pool repairs & renovation works

Hydrotech have a dedicated and experienced team, to repair swimming pools, even in the poorest condition. With regards to pool construction we believe that price reflects quality and can assure our customers that we will provide extremely proficient, high-quality workmanship so that no further repairs will be needed.

Our team of technicians carry out various tests to locate the leakages in swimming pools; all pipe works are pressure tested, replaced or repaired and hair line cracks in the concrete structure are sealed by a special chemical injection treatment system.



providing ongoing
maintenance services to
ensure a reliable and cost
efficient operation

If the swimming pool concrete structure is found to be leaking considerably, then the pool tiles must be removed and the concrete structure inspected for cracks. If cracks are found, they will be repaired with special waterproof cement and the whole swimming pool will be re-plastered with waterproof additive. Subsequently, a new layer of waterproof membrane will be applied over the plaster to ensure complete protection against further leaks and concrete deterioration; the swimming pool will then be re-tiled as required.

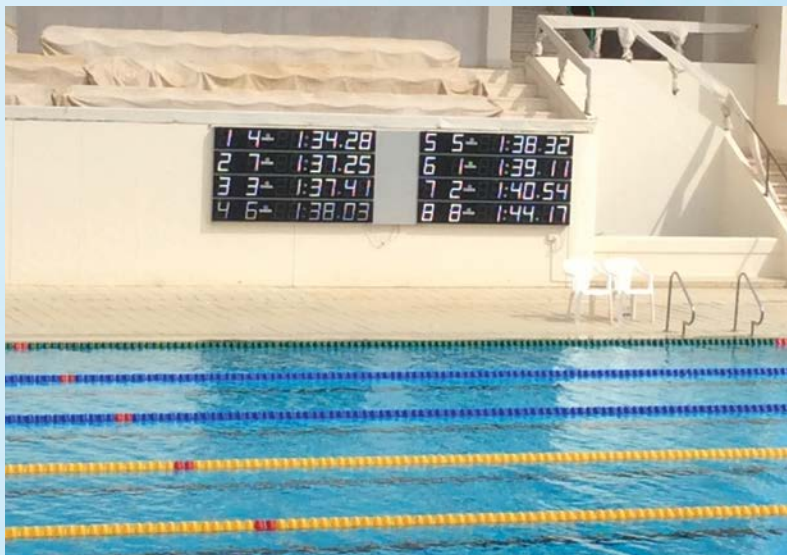
omega timing system



Swiss Timing are the manufacturers of Omega Timing Systems and Hydrotech Engineering are the sole distributors of Swiss Timing (Omega timing systems) in the U.A.E, Saudi Arabia, Kuwait, Pakistan, Lebanon, Bahrain and Iraq.

Since the beginning of automatic timing, Swiss Timing (with its sister company Omega) have always been the pioneer in proposing innovative solutions for competitive swimming, working closely with Fina and the world's TV broadcasters.

A swimming race is defined by a number of lengths from one to 60, performed in a 25m or 50m pool.



To measure the time, a start system and finish detection system is required. The start, operated by an official (the starter), includes voice transmission to signal instructions to the swimmers, and a start device to generate audible and visual signals.

The start system distributes the signals to multiple loudspeakers within 1/1000th of a second, counteracting any disadvantage due to the speed of sound across the pool.

A touch panel is mounted on the wall in each swimmers lane. Our patented design registers a touch anywhere on the pad surface, whilst eliminating ghost touches from water movement. Every touch is sent to a central timer, stored and if verified as an official intermediate or finish time, shown on appropriate displays.

Scope of Services

- Timing
- Public & specific scoreboards
- Venue results
- Commentator information
- TV graphics
- Video backup



Specialising in timing, scoring, data handling and broadcast solutions to major sports events throughout the world, SWISS TIMING technical services are structured to support international sports events, often with the involvement of The Swatch Group watch brands.



satisfying international sports federations

At very high level sports events, the timing has to satisfy the requirements of the international sports federations, ensuring competitions are perfectly organised whilst satisfying the requirement for precision and reliability.

These services are integral in the scheduling of not only the sport, but to the growing requirements of international broadcasters and journalists.

SWISS TIMING has an organization which enables it to rise to every challenge from sport, making it unrivalled in its reputation as a privileged partner for sport.



Myrtha Pools



Hydrotech is the sole distributor for Myrtha Pools, who are designers and manufacturers of special Events Competition Pools, Olympic and Semi Olympic Pools, Public Pools, Private Pools, Pool Renovations, Water Parks and Theme Parks. Myrtha Pools are owned by A&T Europe Group, founded in 1961 in Castiglione delle Stiviere (Mantova, Italy), and quickly became a leader in the international swimming pool market.



Thanks to continuous research and development, the company has achieved numerous technological breakthroughs in the pool industry presenting the most advanced technologies and obtaining reliable, exclusive patents.

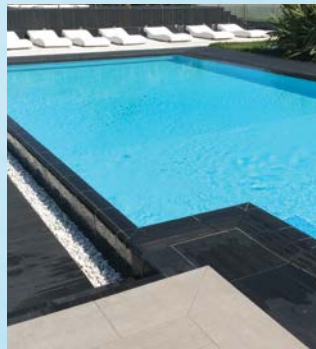
A&T Europe has built swimming pools in over 70 countries around the world; from Iceland to Arabia, Brazil to Japan, and from the United States to Australia. Myrtha Technology allows for installations in extreme climates and can be the best solution in even the most extraordinary and challenging environmental conditions. Its exclusive technologies have been selected for international competition events, including the Olympic Games and World Swimming Championships.

market segments

The extraordinary successes achieved today by A&T Europe throughout the world are the direct result of a broad range of experience and operations represented by our 360 degree perspective of the market. The company now designs and manufactures swimming pools for a wide range of sectors including private pools, public projects, water parks and pools for competition and special events.



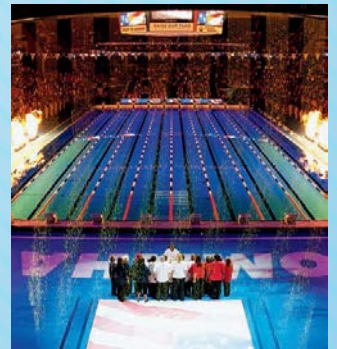
Private Pools



Public Pools



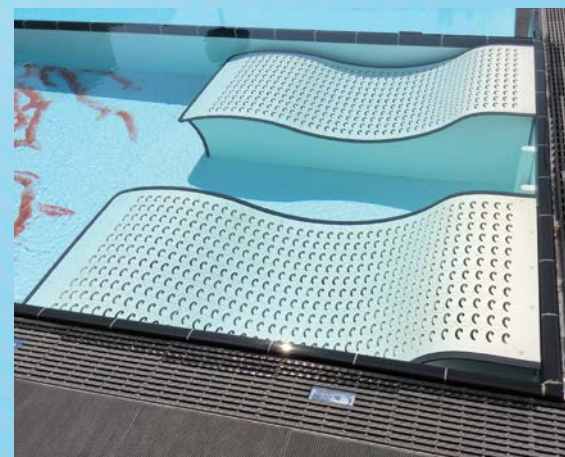
Water Parks



Special Events

Myrtha technology

A&T Europe's leading-edge technology is based upon a unique modular system of stainless steel panels laminated with a special rigid PVC membrane on the inside surface. This system offers highly flexible planning and design alternatives that have no limit with regard to the structure's shape or size; a significantly faster installation than conventional design; and when combined with a precise assembly process provides both reliability and long-lasting performance over time. All of this is thanks to its resistance to adverse atmospheric conditions. "Myrtha" is A&T Europe's exclusive technology which is unique to the world. This technology is tailored for customers who appreciate quality, and who opt for long-term, safe technical investments.



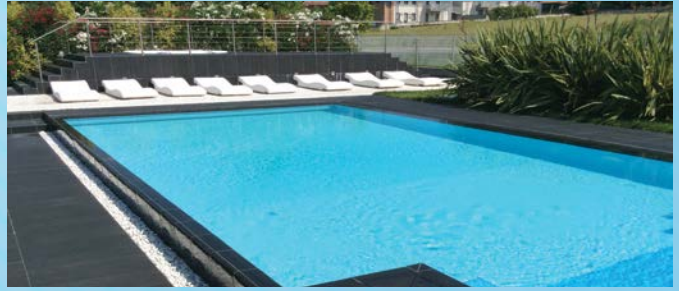
private pools



Since 1961, and for years to come, the primary business of A&T Europe has, and will continue to be, dedicated to the private pool sector in Italy.

The company designs exclusive private pool projects and is continuously improving upon and developing new and innovative technologies. Special attention is paid to both detail and finishes and the pools are often highly customised and designed to complement the surrounding environment.

public pools



A&T Europe has become an international market leader designing pools for the public sector including splash and leisure pools, hotel pools, fitness and wellness pools, as well as thermal and therapy centers.

The company has a wide range of experience and has also developed sophisticated technologies at an international level; setting up numerous facilities around the world and achieving a continuous growth trend in the community pool market.

water parks

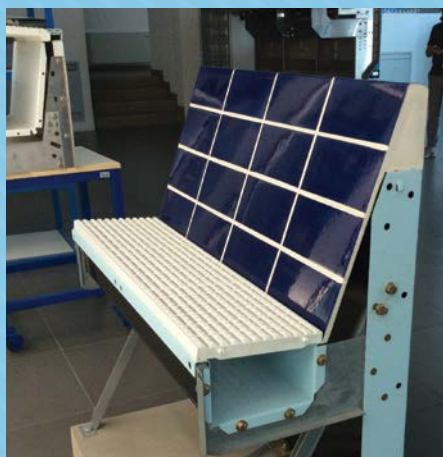


A&T's vast experience in the "World of Water" guarantees great support for those who decide to invest in the world of aquatic entertainment and leisure. The company offers the work of the best designers in the water park sector and is continuously searching for the most innovative, safe and original solutions.

special events



Thanks to the precise engineering, fabrication standards and quick installation of Myrtha Technology, A&T Europe has built some very high profile pools. These pools are both permanent and temporary and have hosted some of the most important international swimming competitions. This has allowed us to share with the world of swimming an opportunity to make these international competitions unforgettable events.



acrylic viewing panels

Structural acrylic wall panels for swimming pools have become very popular for private and commercial pools. The size of the viewing panel has increased from a small window to a full length of the swimming pool wall. Acrylic pool walls are increasingly being used to enhance a pool into a show piece and a focal point of a house or hotel.

Acrylic floors and walls of a swimming pool extending out of the building provide a new dimension and excitement to the pool. The swimmers hovering at the end of a clear wall looking onto the street below are fascinated, as are the pedestrians looking up at them, through the clear acrylic floor of the pool. An acrylic wall panel for an infinity edge swimming pool that overlooks the sea or a lagoon enhances the beauty of the pool, as it creates the appearance of no end, making the pool water and natural water seem as one.



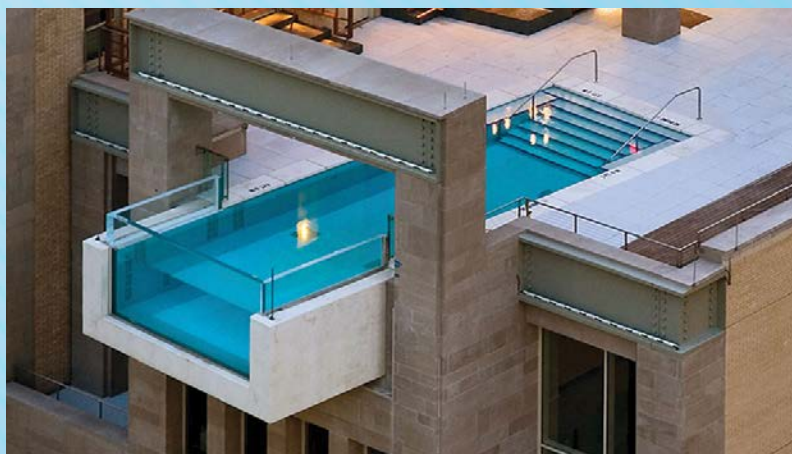
Hydrotech, in cooperation with its partners specialise in the design, manufacture and supply of premium structural acrylic view panels for swimming pools and aquariums. Our panels are engineered and structurally certified to relevant international standards and building codes.

Sometimes a pool window is the only option to have natural light in a room. The transparency of the swimming pool water transports the light into adjacent rooms. Acrylic pool walls provide onlookers a clear window into the pool water and the swimmers within.

a source of natural light



All acrylics are not the same. There are many inferior acrylic products in the market which deteriorate in time, turning the panels milky or yellow. Once the acrylic panels have deteriorated they cannot be repaired and must be removed and replaced. It is very important to choose the correct commercial grade acrylic sheets to save you money in the long run. Acrylic can come in a variety of different shapes, sizes, colours, textures and finishes.



Acrylic sheets can be cast in large block form up to 350mm thickness. There is no need to laminate sheets to obtain required structural performance.

When creating very large acrylic panels, the sheets are molecularly welded, creating a permanent and invisible join. Panels up to 12m long can be readily provided, with longer panels being available on request.

Acrylic provides a clear optical view for any viewer with minimal colouring or distortion.

superior clarity & high impact resistance

Acrylic has a transparency rating of 92% making it one of the clearest materials available, and much superior to glass. Acrylic is the preferred material for aquarium and viewing window applications.

Heat transfer in acrylic is approximately 8 times less than glass. This allows acrylic to better conserve heat in retained fluids.

Unlike glass, surface scratches may be polished out. Notches may also be filled where damage has occurred



Acrylic can be shaped and curved to any required shape. Acrylic can be cut, sawn, routed, drilled, sanded and polished after it has been fabricated.

High quality cast acrylic is highly resistant to weathering, optical and mechanical degradation under long term exposure. There are no laminates to break down, which is a significant issue with laminated glass sheets.

We can provide a fully integrated solution to meet your requirements: acrylic panel structural analysis and specifications, including reinforced concrete details.

spas

Hydrotech supplies and constructs a wide range of spas, from the ready assembled above ground units to the in-ground concrete custom designed units, for both commercial and residential purpose.

Above ground and in ground units for commercial and residential use.

Hydrotech supply ready assemble spas units above ground or in ground for commercial and residential units. High quality, handmade products and designs will satisfy the highest standards.



The spas are equipped with a wide array of therapeutic hydro-massage jets. There are individual controls that allow you to choose the most comfortable mixture of water and air, while directing the jets yourself. This versatility allows you to create the perfect personal massage.

The Hydrotech Spas meet world class standards in terms of energy efficiency. A high performance filter system regulates the water and keeps it clean. The internal LED chromotherapy lighting gives the spas a special soothing atmosphere in the evening and the optional high fidelity sound system provides music in your spa, allowing you to listen to the radio, play CDs or MP3 tracks.

Hydrotech Spas are ideal for outdoor and indoor use.

concrete spas

For commercial and residential use.

Concrete spas are designed to meet the clients' requirements taking into the consideration the number of bather loads, location and application. The construction of the spas is carried out by either dry gunite application or by wet shotcrete application. The residential spas are usually constructed as skimmer type while the commercial spas are usually constructed as overflow type units.

The filtration system for a spa requires a turnover of no more than half an hour, while a swimming pool standard filtration turn over should not exceed four hours. Therefore, it is important not to combine the filtration system of a swimming pool with a spa.



saunas & steam rooms

Hydrotech supplies a wide range of high quality saunas and steam rooms from Europe and North America. These can be standard manufactured units or custom built units to suit the client's requirements.

Saunas can be used as a means of calming the body and relieving stress. The heat from a sauna soothes your nerve endings and warms and relaxes muscles, in turn relieving the tension from your body and minimising joint pain. This is especially beneficial for those who suffer from illnesses such as arthritis, painful migraines and headaches.

The heat from the sauna helps the body release endorphins, a feel-good chemical that reduces the effects of stress on the body which can relax you enough to sleep better. The sauna heats up your body, so when you leave and begin to cool down, your body releases increased levels of melatonin, helping you feel more relaxed and therefore allowing you to have a deeper sleep.

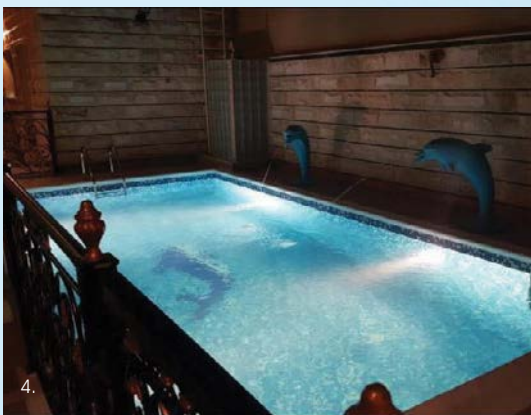


Steam Rooms help to open up airways which improve your breathing and alleviate congestion. The wet heat from the steam room thins and opens the mucous membranes in the body, which help to relieve pressure. This is highly beneficial for those that suffer from asthma and bronchitis, as it helps with sinus relief.

The steam room increases metabolism and causes you to sweat which in turn will lead you to lose a few pounds. The sweat also helps to remove toxins and cleanses the body.



partial list of swimming pool projects



1. The Address Hotel, Dubai Marina Mall
2. Future School at Mezayed, Al-Ain
3. Panorama Tower at The Greens, Dubai
4. Mohammed Khamees Private Villa, Dubai

5. Future School, Abu Dhabi
6. Al-Barari Villa, Dubai
7. Kindergarten and Primary School At Al Ghayati City, Abu Dhabi
8. Kids Pool, Four Star Hotel "The Retreat Palm Dubai", Palm Jumeirah



9.



10.



11.



12.



13.



14.



15.



16.

9. Cranleigh School at Saadiyat Island – Abu Dhabi

10. The Address Hotel, Dubai Marina Mall

11. Athletic Hall, Al Ain

12. Sheikh Hamid Bin Ahmed Private Villa, Abu Dhabi

13. Premier-Inn Hotel, Dubai Investment Park

14. The Rocco Forte Hotel, Abu Dhabi

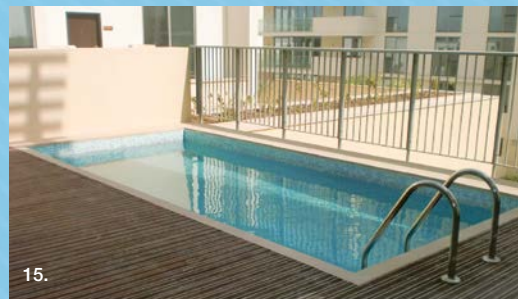
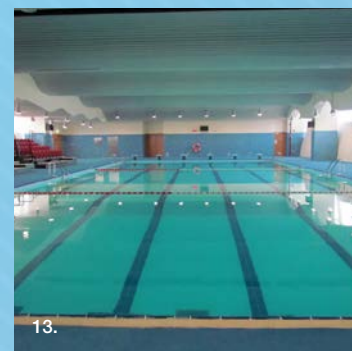
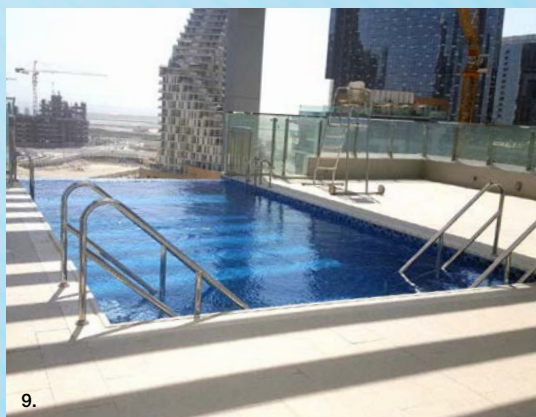
15. Signature Villa, Palm Island

16. Grand Millennium Hotel, Al-Wahda City, Abu Dhabi

partial list of swimming pool projects



- | | |
|--|--|
| 1. Amity University, Dubai | 5. Al-Barari Villa, Dubai |
| 2. Private Villa, The Meadows, Dubai | 6. Villa 50, Mohammed Bin Zayed City, Abu Dhabi |
| 3. Latifa Abdulla Hassan Al Romaithi Private Villa | 7. Mangrove Place Development at Al Reem, Shams, Abu Dhabi |
| 4. Olympic Sized Swimming Pool | 8. Future School at Umme Ghaffa, Al-Ain |



9. Boardwalk Residence, Shams Residential RS-6-C1, Reem Island

10. Olympic Sized Swimming pool

11. Olympic Sized Swimming pool

12. Madinet Zayed Boys School, Abu Dhabi

13. Al Bateen Secondary School, Abu Dhabi

14. Four Star Hotel "The Retreat Palm Dubai", Palm Jumeirah

15. Al-Raha Beach, Al Zeina, Abu Dhabi

16. Private Villa, Jumeirah, Dubai

hard landscaping

When planning your residential or commercial landscape design, anything is possible. For the best results, work with a landscaping expert to develop a custom, beautiful outdoor space. To give your planning more direction and focus, use the following basic landscape design principles. These design parameters can help you come up with ideas for new plantings or outdoor features.



walkways

There are many different surface choices for walkways and paths, including pavers, brick, stone, concrete, terrazzo and pebbles. Be sure to choose an option that fits your garden and complements your home. Limestone, granite, sandstone and slate are the most common types, all available in various colours, sizes and shapes. Set them apart as stepping stones or fit them tightly for a more solid pathway.



driveways

The driveway is a critical part of any home. It's one of the first things guests will see, and it's the most natural entrance onto your property. Make your driveway more appealing with interesting materials like stained concrete, cobblestone, concrete pavers or stones. Stone driveways can also mean a number of different things. Stone can refer to concrete stones, brick stones, and natural stones.



gravel paths

One of the easiest and least expensive landscaping projects, gravel paths offer flexibility in shape and design. Gravel is the easiest to handle and least expensive path material. It feels soft underfoot, but it's solid enough to handle a loaded wheelbarrow. And although it looks informal, it can complement a formal garden, especially if you add a stone border.

Gravel is available in many sizes and colours. Ask for gravel that compacts well. It'll typically have stones ranging in size from 3/4 in. down to a powder. Smaller stones (3/8 in.) are the most comfortable underfoot. Larger (3/4 in.) stones stay put better during rainstorms.



decks

Composite decking is the fastest growing wood deck alternative on the market. It boasts low maintenance and a much longer lifespan. Composite decking comes with a groove system that makes it easier to put together. It is faster and it looks more uniform. One of the big benefits is that you can go barefoot on composite decking and not worry about getting splinters. The decking is made to look as close to natural timber as possible.

sunken

If you're not a fan of masses of outdoor furniture on the deck, a single built-in seat is a clean solution. Building a sunken seating area or fire pit is a neat trick that architects sometimes use when they want to create an unobstructed view of the garden or backyard or when they want to offer intimacy and privacy to those using the area. 90cm is the normal sunken depth and with stones, granites or wpc commonly used for finishes.



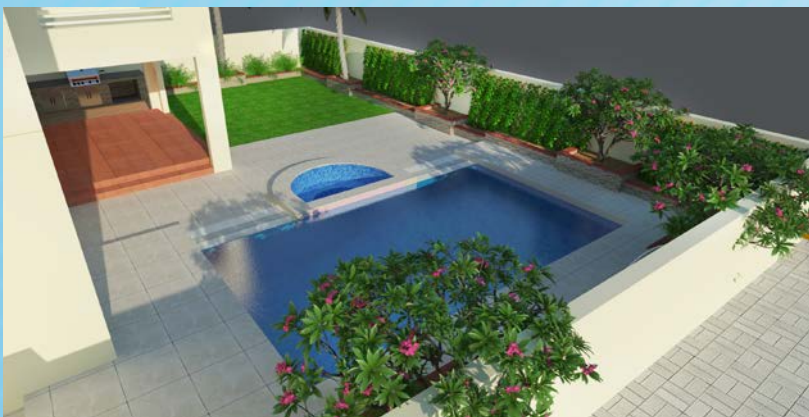
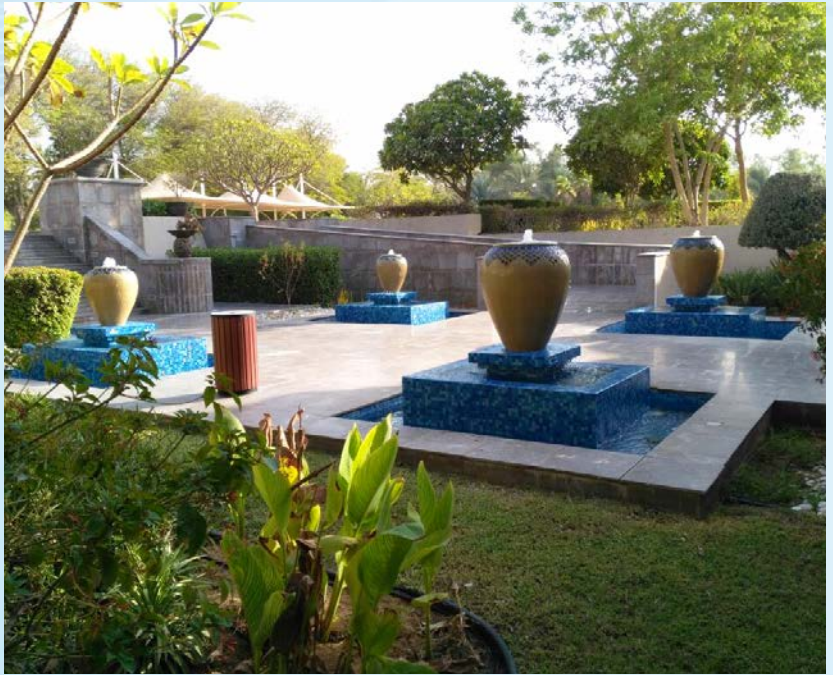
gazebos

A garden gazebo is a nice addition to any garden, you can spend sunny mornings in the gazebo reading the paper or listening to music, it is certainly a new feature for a large garden, arranging the space and using the fauna as decoration. A garden gazebo is one of those things that you can't imagine not having a day after you got it. Whatever the garden environment, there is a garden gazebo out there just waiting to be bought. Pergolas can be made from wood or metal columns, stone piers or metal framing.



pergolas

An architectural focal point, pergolas provide shade and extra curb appeal. They can be freestanding or cantilevered from your house, and can be built from many different types of materials. Pergolas can be made from wood or vinyl with fiberglass columns, stone piers or metal framing. They can also be wired for electricity. This pergola offers a beautiful view and comfortable, shaded seating.



soft landscaping

Softening the landscape is the job of plants, from turf to towering trees from minimal planting schemes consisting of a single specimen to massed planting in vast swathes of colour, the options are boundless.



home gardens

Home gardens are of great interest to ethnobotanists because they are expressions of cultural values and individual needs and preferences, that is, they are a way in which we use plants to express who we are and where we come from.

This episode illustrates how a wide range of plants, with an ever wider range of uses, are grown in home gardens and how garden composition varies with cultural, socioeconomic and environmental factors. Home gardens may play important roles in cultural practices, household nutrition and health, livelihoods and conservation.



herb gardens

Growing herbs at home is a fun, money-saving hobby that also happens to be good for your health. In addition to flavoring up your favourite dishes, herbs have antioxidants and essential nutrients. Herbs have been the “green medicines” of the Earth since time began. When you grow your own herbs you can use what you need at the moment by harvesting small amounts, fresh from the plant.



green wall

A green wall is a wall partially or completely covered with greenery that includes a growing medium, such as soil or a substrate. Most green walls also feature an integrated water delivery system. A green wall is also known as a living wall or vertical garden. It provides insulation to keep the building's inside temperature consistent. Green walls may be indoors or outside, freestanding or attached to an existing wall, and come in a great variety of sizes.



rock gardens

For a more exotic look, add a rock garden to your landscape. Choose an area that gets plenty of sun and install two or three small boulders. Surround the boulders with closely spaced low-lying flowers, such as portulaca (left), ground orchids or decorative cactus. Carefully fill in the gaps with smaller stones that complement the color of your boulders.



tree planting

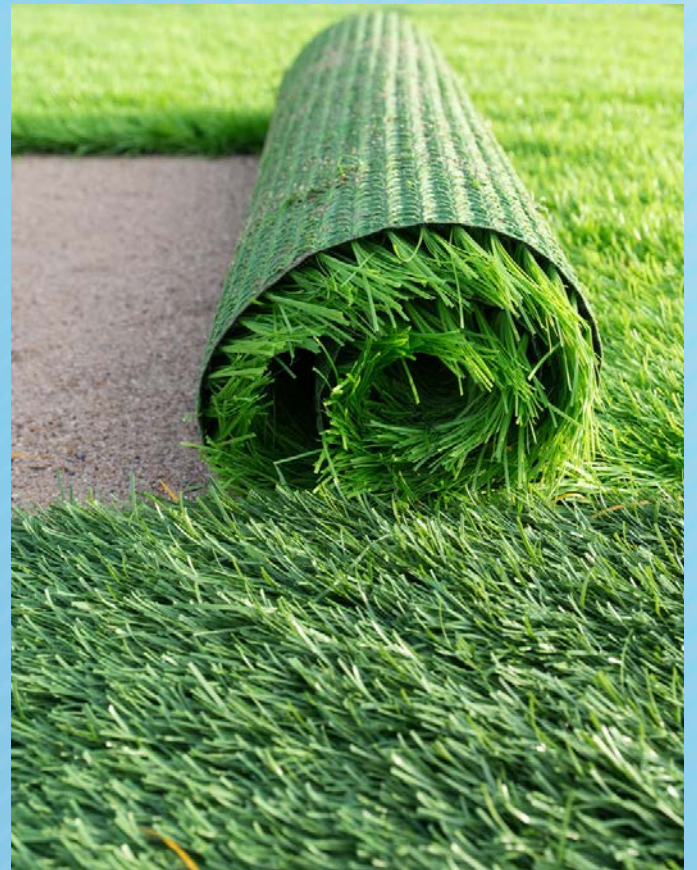
Trees in your backyard can be home to many different types of wildlife. They can also reduce your heating and cooling costs, help clean the air, add beauty and color, provide shelter from the wind and sun, and add value to your home.



artificial grass

Artificial turf is a surface of synthetic fibers made to look like natural grass. It is most often used in arenas for sports that were originally or are normally played on grass. However, it is now being used on residential lawns and commercial applications as well.

The main reason is maintenance - artificial turf stands up to heavy use, such as in sports, and requires no irrigation or trimming. Domed, covered, and partially covered stadiums may require artificial turf because of the difficulty of getting grass enough sunlight to stay healthy.



automatic irrigation

An automated irrigation system refers to the operation of the system with no or just a minimum of manual intervention beside the surveillance. Almost every system (drip, sprinkler, surface) can be automated with help of timers, sensors or computers or mechanical appliances. It makes the irrigation process more efficient and workers can concentrate on other important farming tasks.





Fountains & Water Features - Partial Reference List

	Project	Scope of Work	Cont/Client/Consultant
1	Nakheel Mall Palm Jumeirah Dubai	Design, Supply and Install 22 Nos Water Features Including Roof top Acrylic Fountain Feature, Dry Deck interactive Fountain Features, Sequence Multi colour Fountain Features and Reflecting pools	Contractor: UNEC-ACTCO JV Client: Nakheel Mall Ltd. Consultant: RSP Consultants
2	Jumeirah Open Beach Development (La Mer) Central Water Feature	Design Supply and Installation of Wave Sculpture Water Feature complete with programmable Sequenced Nozzles & LED RGB Lights and Fog System.	Client: Meraas Holdings Contractor: Al Futtaim Carillion
3	Memorial Park, Abu Dhabi	Design, Supply and Installation of 7 Water Features including Ceremonial Plaza Feature, Water Wall Feature, and Water Rills	Contractor: ALEC Client: Miral Consultant: AECOM
4	Motion Gate, Theme Park Dubai Parks and Resort	Design, Supply & installation of Special Effect Water Features for Motion Gate. Fountain of Dreams. Kungfu Panda and Camp Vikings Water Features	Contractor: Laing O'rourke Client: Dubai Parks & Resorts Consultant: DEC Dynamic Eng.
5	Theme Park 2 – Warner Brothers at Yas Island, Abu Dhabi	Design, Supply and Installation of numerous Fountain Features with LED RGB DMX lighting.	Contractor: Six Construct Client: Miral Consultant: Aecom
6	Bollywood Theme Park, Dubai Parks and Resort	Design, Supply, Install and Programme Musical Fountain Feature for Bollywood Royal Plaza, Cross Roads & Rustic Ravine Water Feature and Rock Work Water Fall Features	Contractor: Al Ryum Client: Dubai Parks & Resorts Consultant: DEC Dynamic Eng
7	Yas Island Retail Experience – Welcome Pavilions, East and West. Ferrari World Experience	Design, Supply, Install, Programme and Choreograph a Spectacular Musical Fountain Feature, consisting of 350 nos of Aquashi Water switches, 1200 Aquashi Led RGB DMX Light Fixtures, 104 nos cascade nozzles and special effect fog system. Programming and Choreography was carried out on 10 musical songs. The Fountain is spectacular during the day and exceptional during the evening, with the musical fountain shows and Beautiful LED Lighting shows	Contractor: Hydrotech Engineering Client : Miral Consultant: Aecom
8	Global Village, Dubai	Design, Construct, Supply and Install a Dry Deck Interactive Fountain Feature with Sequence Nozzles and LED RGB DMX lighting.	Contractor: Hydrotech Client: Global Village
9	Yas Mall, Yas Island	Design, Supply, Installation, programming and commissioning of a unique and spectacular Sequence water pop jets Clock fountain feature, Water wall and Reflecting pools	Contractor:: Six Construct Client: Aldar Consultant: Aecom
10	Naufar Project Internal and External Water Feature Works-Qatar	Design, Supply and Installation of Lake Feature, External and Internal Fountain features	Contractor: Joannou and Paraskevaides Client: Ashghal Consultant: Stantec
11	Lusail Package 03-A-3 Pedestrian Bridges 4A & 6A (North & South)- Qatar	Supply and Installation of 4 nos. of Water Features for Bridges 4A & 6A North and South	Contractor: FCC Construction SA Client: Qatari Diar Consultant: Parsons & Dorsch
12	Yas Ferrari Experience Ferrari World Entertainment Complex	Ferrari logo fountain feature, waterfalls, streams, filtration and water treatment systems of aquatic rides	Contractor: Depa Client: Aldar Besix Consultant: EC Harris
13	Grand Mosque - Abu Dhabi	Design, supply, installation testing and commissioning of numerous fountain features	Contractor: Al Jurf Client: Abu Dhabi Municipality Consultant: Parsons
14	Burj Khalifa Cascade Water Feature	Supply & installation of Multi level, High Volume Cascading Water Feature with Aquashi Led DMX light fixtures	Contractor: Al-Futaim Client: Emaar Consultant: Hyder
15	Trade Centre Roundabout- Dubai	Turnkey design, supply and installation of Special effect Fountain feature. Huge Column jets with Aquashi Multi Colour led DMX Light fixtures	Contractor: Hydrotech Engineering Client: Dubai Municipality
16	Dubai Festival City	Roundabout Fountains and Golf Club main entrance fountains, external water features and special effect water falls	Contractor: Al Futtaim Carillion Client: Al Futaim Consultant: Cracknell/Fluidity
17	Dubai Marina, Marina walk and roundabout fountain features	Supply and installation of programmable sequence fountain feature and dry deck fountains	Contractor: Al Futaim Carillion Client: Emaar Consultant: Hyder/Wet Design
18	Dubai Clock Tower	Design, Supply, Installation and Programming of Aquashi LED RGB DMX Lighting for the Fountain Feature	Contractor: Hydrotech Engineering Client: Dubai Municipality

Fountains & Water Features - Partial Reference List

	Project	Scope of Work	Cont/Client/Consultant
19	Palace for H.H The Chairman of Dubai Municipality. Sheikh Hamdan Bin Rashid Al Makhtoom	Design, supply, installation and commissioning of fountain features, lakes and floating fountains	Contractor: Citiscape Client: Dubai Municipality Consultant: Cracknell
20	Headquarters of Abu Dhabi Accountability	Design, Supply, Installation, Testing and Commissioning of various Water Feature Electromechanical Works	Contractor: Seidco Client: Musanada Consultant: RW Armstrong/IAN Banham and Associate
21	Design, Supply, Installation, Testing and Commissioning of various Water Feature Electromechanical Works	External fountain features, Dry deck fountain features, water features and waterfalls.	Contractor: Al Futaim Carillion Client: Union Properties. Consultant: Burt Hill.
22	Grand Hyatt Hotel - Dubai	Design, supply and installation of fountains, water features, streams, ponds & water falls	Contractor: Al Bayader Client: Dubai Government Consultant: Arkitektnik
23	Dubai Convention & Exhibition Centre	Design, supply and installation of numerous fountain features.	Contractor: Khan Saheb Client: Dubai Government Consultant: RMJM
24	Zabeel Park – Dubai	Design, supply, installation, testing, and programming of numerous sequenced fountain features.	Contractor: ECC Client: Dubai Municipality Consultant: Cracknell
25	Al Bateen Palace - Abu Dhabi. For H.H Sheikh Khalifa Bin Zayed Al Nahyan.	Main entrance dry deck sequenced fountain features with LED RGB lighting. Turn key project	Contractor: Al Jurf Client: Abu Dhabi Municipality Consultant: Parsons
26	Mirfa Corniche Beach Upgrade & Preparation for Al Gharbia Water sports Festival in Abu Dhabi	Design, Supply & installation of Dry Deck Sequenced Fountain Feature along the Cornishe	Contractor: Hennessey LLC Client: Department of Municipal Affairs
27	Development of Parks & Playgrounds in Abu Dhabi Mainland for Park Al Adla, Park 4, 5, 6 & 7	Design, Supply, Installation, Test & Commissioning of Water Feature Systems	Contractor: Al Jurf Developments Client: Abu Dhabi Municipality
28	Landscaping Enhancement & Water Feature Works for H.H Sheikh Mohammed Bin Zayed Palace	Design, Supply, Installation, Testing and Commissioning of special effect Water Features	Contractor: Al Jurf Development Client: Abu Dhabi Municipaluty Consultant: Parson International Limited
29	Water Feature Works for Central Market, Abu-Dhabi	Design, supply and install a Dry Deck Interactive Sequenced Fountain Feature complete with Jumping Jets and DMX LED Colour changing lights	Contractor: Western Bainoonah Group Client: ADM-Abu Dhabi Municipality Consultant: Jacobs
30	Development of Parks and Play Grounds in Abu Dhabi Mainland	Design, Supply, Installation, Testing and Commissioning of numerous Water Features	Contractor: Al Jurf Development Client: Abu Dhabi Municipality Consultant: Dorsch Groupe
31	Al Rawdha Palace - Abu Dhabi, For H.H Sheikh Khalifa Bin Zayed Al Nahyan	Design, supply, installation testing & commissioning of Spectacular fountain features and reflecting pools	Contractor: Al Jurf Client: HH Sheikh Khalifa Private Department
32	Sheikh Sultan Bin Zayed Al Nahyan Palace, Abu Dhabi	Design, supply, installation, testing, and programming of numerous sequenced fountain features	Contractor: Admak Client: PWD - Abu Dhabi Consultant: Cracknell
33	Abu Dhabi New Corniche Road East Expansion	Design, supply and installation of over 100 nos fountains, lakes, streams, fog systems and waterfalls	Contractor: Al Muhairy Client: Abu Dhabi Municipality Consultant: De Leuw Cather
34	Clock Tower Roundabout, Al-Ain	Design, supply and installation of Clock Water feature with fibre optic sky and star lighting	Contractor: Hilalco Client: Al Ain Municipality Consultant: Balfours
35	Equestrian & Golf Club - Abu Dhabi	Design, supply, and installation of 4 nos floating fountains, Streams lakes and fountain features	Contractor: Al Nasr Client: Abu Dhabi Municipality Consultant: De Leuw Cather
36	Burj Khalifa Tower, Emaar Chairmans Suite 154th floor. For H.E Mohamed Al Abbar.	Design, supply, installation, testing and commissioning of fountain feature	Contractor: Samsung / Besix /Arabtec Client: Emaar
37	Iraq- Baghdad City Beautification works	Design, Supply, install, programme test and commission numerous Fountains Features around the City of Baghdad	Client: Baghdad Municipality

Swimming Pools & Spas - Partial Reference List

	Project	Scope of Work	Contractor/Client/Consultant
1	Dubai Wharf at Culture Village Plot No. P1 E025 Dubai	Design, Construct, Supply and Installation of 4 nos Commercial Swimming pools. Full MEP & Civil Works for 4 nos Towers.	Contractor: ECC-Engineering Con. Co Client: Dubai Properties Consultant: LACASA
2	New Four Star Hotel "The Retreat Palm Dubai" At Palm Jumeriah	Design, Supply, Installation of Swimming Pool, Kids Pool and Water Features	Contractor: ANC Contracting LLC Client: R Holdings LLC Consultant: Erga Progress Eng. Cons.
3	Azizi Hotel Apartments Building (B+G+9) on Plot No. PJCRC 38E at Palm Jumeriah (Crescent Area)	Construction, Design, Supply & Installation of Swimming Pool	Cont: VICC - Venco Imtiaz Cont. Co. LLC Consultant: Naga Architect & Engin.
4	Panorama Tower, Emaar Greens Apartments, The Greens, Dubai	Construct Swimming Pool, Jacuzzi and Fountain Feature complete with MEP Works.	Contractor: ECC Client: Emaar Consultant: BHNS Engineering
5	Montrose Development, 3 Towers with 3B+G+19 Floors, Plot No. BT.B.018, BT.B.019 & BT.B.020, Dubaitech, Dubai,	Design, Supply, Installation of Swimming Pool MEP & Civil Works	Cont: Al Oroba Contracting Co. LLC Client: Deyaar Consultant: Comin
6	CMW-13093-C003, Zayed Military city, Swihan, Abu Dhabi	Supply & Installation of Olympic Swimming Pool, Touch Pads, Scoreboard, Cold Pool, Jacuzzi, Sauna & Steam Room Works.	Contractor: Frontier Works Organization Client/Consultant: UAE Armed Forces
7	CMW-15063-C001, Camp 136701 at Al Moqatra – Abu Dhabi	Supply, Installation, Testing & Commissioning of Semi Olympic Swimming Pool, Cold Pool, Jacuzzi, Sauna & Steam Room including Main Pool & Cold Pool Finishes	Contractor: AIMS General Contracting Co LLC Client/Consultant: UAE Armed Forces
8	Hyati Residence - Jumeirah Village Circle, Town Houses & Apartment Building .	Design, Construct, Supply, and Installation of 3 nos Swimming Pool, Kids Pool, Plunge Pool & Water Feature MEP & Civil Works	Contractor: Engineering Contracting Co Consultant: LACASA Architects
9	CMW-10004-C008, Camp of Ghantoot Naval Base – Abu Dhabi	Semi Olympic Swimming Pool, Cold Pool, Jacuzzi, Sauna & Steam Room Works	Contractor: AL Bader General Contracting Client: U.A.E Armed Forces
10	Al Maktoum Hospital Site Re-Development Phase II Dubai - UAE	Design, Supply, Installation of Swimming Pool and Water Features	Contractor: Shapoorji Pallonji ME Client: Wasl Asset Management Consultant: Kling Consultants
11	Military School, Maliha, Sharjah,	Olympic size Swimming Pool, With Omega Touch Pads, Scoreboard & Timing System. Plus Civil Finishes, Cold pool, Jacuzzi, sauna and steam rooms..	Contractor: Intermass Client: U.A.E Armed Forces Consultant: Command of Military works
12	Royal Guard Camp, Nad Al Sheba, Dubai	Complete MEP works for Semi Olympic Size Pool, 25m x 13m.	Contractor: Al-Ain General Contracting Client: U.A.E Armed Forces Consultant: Command of Military works
13	Binghatti Apartments Views, Terrace, Pearl, Jewels and Garden. Silicon Oasis.	Design, construct ,Supply & Installation of Swimming Pools and Jacuzzis to Binghatti Apartment Buildings in Silicon Oasis.	Contractor: Granada Europe Client: Dr. Hussain Bin Ghatti Al-Jbori Binghatti Holding
14	Amity University, Academic City, Dubai	Construction of Semi Olympic Swimming Pool, 25M X 13M. Complete with MEP Works.	Contractor: Shapoorji Pallonji L.L.C Client: M/S. Amity Education Consultant: Arch Group Engineering
15	CMW-13048-C001 Al Ain Zayed Military College.	Semi Olympic Pool 25m x 13m, Including supply & installation of Omega Timing & Scoring System. Plus Civil Finishes, Water Proofing & Tiling Works.	Contractor: Tasneem General Contracting Client: UAE Armed Forces Consultant: Dorsh Consult
16	Private Villa for H.E Hamad Mubarak Salem Al Shamsi, Abu Dhabi Gate (ABG 6), Plot 37-38	Supply and Installation of Swimming Pool and Sauna	Contractor: Al Diyar Gen. Cont.Co. Client: H.E Hamad Mubarak Al Shamsi Consultant: DEC
17	Job No. J01205 / Private Residence on Plot No. 100, Sector SE-41, Khalifa City A, Abu Dhabi	Supply and Installation of Swimming Pool & Water Features	Contractor: Al Ain General Contracting Co. Client: H.E Sheikh Mohamed Bin Khalifa Bin Hamdan Bin Mohm'd Al Nahyan Consultant: BEAD Architects & Eng.
18	CMW-13047-C001 at Madinat Zayed, Abu Dhabi	Supply and Installation of Olympic Swimming Pool, Cold Pool, Jacuzzi, Sauna and Steam Room (Full MEP Works and Civil Finishes)	Contractor: The Contractors Co. (TCC) Client: GHQ UAE Armed Forces Consultant: Dorsch Group
19	Future School Program – Al Shuwaib, Al Ain	Supply and Installation of Semi Olympic Swimming Pool Electromechanical Works	Contractor: Ghantoot Group Client: Musanada Consultant: KEO

Swimming Pools & Spas - Partial Reference List

	Project	Scope of Work	Contractor/Client/Consultant
20	Cranleigh School at Saadiyat Island, Abu Dhabi	Construct, Supply and Installation of Semi Olympic Swimming Pool (Complete MEP and Civil Works)	Contractor: Tafseer Contracting TCC Client: TDIC Consultant: Godwin Austen Johnson
21	Naufar Rehabilitation Centre for Drug Addicts, Qatar.	Supply & Installation of Treatment and Relaxation Pool & Salt Water Pool. Relaxation Pool consisting of Wellness Features	Contractor: Joannou and Paraskevides Consultant: Statnec
22	CMW-12054-C001 Al-Minhad Airbase, Al-Ain road Dubai	Supply and Installation of Semi Olympic Swimming Pool, 25m x 13m, complete with Cold Pool, Jacuzzi, Sauna and Steam Room.	Contractor: Square Gen. Cont Client: Command of Military Works
23	Al Zeina, Al Raha Beach Development - Abu Dhabi	Turnkey Construction of 136 Nos. Private swimming pools & 67 Nos. Reflecting pools, complete with timber decking and acoustic isolation.	Cont: Aldar Laing O'Rourke Const. LLC Client: Aldar Properties PJSC Consultant: Pell Frischmann
24	Al Ain Military College	2 Nos. Olympic size Swimming Pools, 50m x 25m with Omega Touch Pads, Scoreboard & Timing System. Plus Water Proofing and Tiling . Also Cold Pool, Jacuzzis, Saunas and Steam rooms.	Contractor: Eastern Contracting Co. Client: U.A.E Armed Forces
25	Mahawi Camp - Abu Dhabi Meleha Camp - Sharjah	Turnkey project of 2 Nos. Olympic Pools. MEP and Civil Finishes. Complete with Omega timing system. Jacuzzis, Saunas & Steam Rooms, & Diving Towers	Contractor: CRC Cont. Client: CMW, U.A.E Armed Forces Consultant: Dorsh Consult
26	Male & female schools & accommodation complex at Madinat Zayed City. W. Region	Turnkey project of 3 Nos. semi-Olympic pools. MEP and Civil Finishes. With diving towers, complete competition equipment and Jacuzzis.	Contractor: System Construct Client: ADNOC Consultant: Engineering Cons
27	Dubai Marina Mall, The Address Hotel	Turnkey project. Oval-shaped swimming pool & kids pool, overflow and infinity edge pool. Ceramic floor design, 60m x 25m x 1.25m.	Contractor: Alec Client: Emaar Consultant: DP Architects
28	Construction, completion and maintenance of Bida Al Mutawa School in Western Region, Abu Dhabi	MEP, waterproofing and tiling works. Semi-Olympic swimming pool with diving and complete competition equipment and Jacuzzis.	Contractor: Intermass Client: ADH Education Council Consultant: Al Torath
29	Construction and maintenance of future schools in Abu Dhabi, Al Ain - Package 5 & 6	Turnkey project. 3 Nos. Swimming pools, MEP and complete civil works. Pool Size - 25m x 8m Al Ain.	Contractor: System Const / Sammon Client: ADH Educat Council Consultant: Dewan
30	CMW-RG-320-2005- Royal Guard Camp - Al Ain	MEP, waterproofing and tiling works. Semi-Olympic swimming pool, with diving and complete competition equipment. Plus Jacuzzis.	Contractor: Force 10 Client: U.A.E. Armed Forces Directorate of Military Works
31	Mahawi Camp - Abu Dhabi	Semi-Olympic swimming pool with diving towers and complete competition equipment. Plus Jacuzzis, Sauna and Steam room.	Contractor: Code Contracting Client: U.A.E. Armed Forces Directorate of Military Works
32	Abu Dhabi Island Resort for Sheikh Mohamed Bin Zayed	Turnkey project full M&E works. Semi-Olympic swimming pool, 25m x 15m with Jacuzzi.	Contractor: Al Hussam Client: First Gulf Bank Consultant: Halcrow
33	Grand Millennium Hotel, Abu-Dhabi	Turnkey project of swimming pool on level 31. MEP and civil works	Contractor: Civilco Client: Al-Wahda Sports Cultural Club Consultant: Khatib & Alami
34	Private Villa for H.H. Sheikh Mohamed Bin Zayed - Abu Dhabi	Turnkey project. Full MEP & civil works of Semi-Olympic size swimming pool of size 25m x 12.5m, Jacuzzi, reflecting pools & ponds.	Contractor: Trojan Gen. Contracting Client: H.H Sheikh Mohamed. Consultant: Architectural Eng.
35	Athletic hall - Al Ain	Turnkey project M&E works. Semi-Olympic swimming pool with diving towers, complete competition equipment and Jacuzzis.	Contractor: Albatec Client: CMW, U.A.E Armed Forces Consultant: Rootage Arch.
36	The Rocco Fort Hotel - Abu Dhabi.	Turnkey project MEP & Civil. 2 Nos. irregular shape swimming pool of size 30m x 15m, kids pools and water features.	Contractor: Al Husam Gen Contracting Client: Al Farida Investment Consultant: WS Atkins
37	Baniyas Schools, Al Quds School, Al Otaiba School	Turnkey project. 2 Nos. Semi-Olympic swimming pool MEP and civil works. Pool size - 25m x 12.5m	Contractor: Al Mansoori 3B Client: PWD Abu Dhabi Consultant: Khatib & Alami
38	Emirates National schools, boys & girls - Abu Dhabi	Turnkey Project. 3 Nos. Semi-Olympic swimming pool MEP and civil works. Pool size - 25m x 12.5m	Contractor: Dhafra Inter. Projects Client: Ministry of President Affairs Consultant: Heberger Engineering



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