



Media Release

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SWIMMING POOL NEWS
FEATURE ARTICLES – May - June 2009

Pool Heating

Capturing nature's free energy supply

'Sunburst' – the most efficient solar energy system for heating swimming pools - capturing free energy from the sun, even on cloudy days - is available from Golden Coast.

"Think of it as a vacuum flask," says Shaun Adams of Golden Coast. "The insulating effect of evacuated tube technology creates a vacuum around the heat pipe, which means that the system is so efficient temperatures of up to 250°C can be reached, far in excess of traditional black solar panels."

'Sunburst' is made up of a series of Pyrex glass vacuum tubes within which are closed copper heat pipes. These pipes protrude into a manifold through which the water is pumped, heating it as it passes.

Simple to install, the collectors are ideally placed on a south facing sloping roof to gain maximum exposure to the sun's trajectory but will also work if placed on an east or west facing roof, or a combination of both. Optional frames can be supplied to achieve the correct angle required if the system is to be installed on a flat roof or at ground level.

The system is most effective on clear, still and warm summer days but will still heat up even on overcast and windy days. It is possible to maintain pool water temperature of 28°C from June to September and also to extend the swimming season, with acceptable bathing temperatures being potentially achieved as early as April, without any other source of heating.

Grants are available from the Carbon Trust when solar power is used to heat commercial pools. In a domestic situation, whilst no grants are available, the efficiency of the system means that it is possible to heat the domestic hot water supply and a pool, thereby improving the pay-back time by reducing the overall household energy bills.

Pool Lighting

Illuminating finishing touch to creative pool lighting system

Since their exclusive introduction into the UK by Golden Coast last year, more than 200 Nexxus SaVi Notes units have now been supplied for a variety of lighting installations, including swimming pools, spas and water features making them one of the most popular creative lighting systems available.

Now the SaVi Notes LED lights have been enhanced, with a simple 316 stainless steel escutcheon to provide a high quality finish between the light fitting and the surrounding tiling. Easy to install, the lights fit directly into standard pool fittings as shallow as 9" below water level and are ideal for retro-fitting during pool refurbishment.

The lights are ideal for all types of pools, producing a variety of colour lighting effects either for general illumination or to create colour themed 'mood lighting', giving the pool water a single colour wash or an ever-changing combination as the system scrolls through different colour sequences.

Each set is operated through a central control unit powering four individual lights, with either 100 or 150 foot cable lengths. Multiple illuminations can be achieved by 'piggy backing' additional units together to create a multiplicity of colour effects.

To create a real impression in sauna cabins or steam rooms, the DLS-2 lighting system uses a low-voltage controller to produce 12 different colour modes – either as a solid or combination of colour - from a 'daisy-chain' of up to 34 LED point lights connected to a 12-volt transformer.

Architectural landscapes around pools and spas can also benefit from the enhanced appearance of lighting by use of the end-glow Super Vision® fibre optic cable lighting systems for spot colour on a particular area, including tress or flower borders.

In a pool, positioning the patented SideGlow® optics under the perimeter lip will provide a colour wash across the surface of the water, or alternatively to highlight the edge of underwater steps for night use. By incorporating an automatic colour wheel, it is possible to change the colour of the light source to provide a combination of colour and lighting effects.

Keeping it clean

'A'ny 'B'ody 'C'an do it

'A'ny 'B'ody 'C'an find the perfect solution for swimming pool water according to Golden Coast with its enhanced range of 'Swimmer' branded chemicals, including new products and a variety of pack sizes to better meet the requirements of different sized pools and spas.

Golden Coast has produced the 'Swimmer' guide to water treatment on disc and on-line, making it quicker and easier to locate the best product for the job, whilst saving the environment. Information on keeping pool water healthy and the importance of establishing and maintaining the correct chemical levels is only a 'click' away, using the 'Quick Search' facility that immediately takes you to the required section.

Three new products - which play a role in preparing a pool for a season 'start-up' – have been introduced to ensure that the entire pool system is cleaned and ready for use:

Swimmer Filter Cleaner - a pre-season filter cleaner that cleanses the filter media

Swimmer Algae Destroyer - eliminates the algae built up over winter

Swimmer Stain & Scale - inhibits the potential for metals and minerals found naturally in the water to stain pool interior surfaces and damage pool equipment.

Taking the theme 'Any Body Can' ensure their pool is in perfect condition throughout the season, Golden Coast has come up with a simple formula:

'A' - algae prevention - concentrated formula products for long-term algae prevention, where the effectiveness improves with temperature, reaching its optimum at the height of the summer. In addition, there are powerful shock broad-spectrum algaecide with a built in clarifier to quickly clear an algae infested pool.

'B' - bacteria control – economical slow-dissolve Chlorine based sanitisation tablets that lasts up to twice as long and can reduce by 20% the amount of product used with conventional Chlorine tablets. In addition granular Chlorine, which is 17% stronger than conventional granules, is available containing clarifier, algae inhibitor, water-softening enhancers and balancing buffers.

'C' - clarify – powerful oxidisers to 'shock-dose' contaminated pools with built in clarifier to remove suspended organic matter from the water and destroy choramines, which lead to odours and eye irritation.

With owners of smaller pools in mind or for those with only a hot tub, a new range 1 kilogram packs have been introduced to the 'Swimmer' chemical range for Calcium hardness increaser and Alkaline increase.

In addition to its own chemical range and for pool owners who do not wish to handle chemicals, yet wish to ensure the correct dosing is always achieved throughout the season, Golden Coast supplies the 'FROG' - 'water treatment centre'.

Installed as an in-line cleaners with no need for extra plumbing, the 'FROG' uses no electricity – a major green credential – and provides the added advantage of having a ready mixed mineral reservoir capable of holding Trichlor tablets for a low level chlorine back-up.

As well as removing bacteria and preventing algae growth, it helps keep the pool's water pH balanced, making the water feel 'softer' and giving it a crystal clear sparkle. With a six-month life span (a season's use for an outdoor pool), the reservoir is easily removed and replaced by simply unscrewing the top of the unit. There is even a 'SPA FROG'.

The 'Swimmer' chemical range and both the pool and spa 'FROG' systems and their refills, can be obtained direct from Golden Coast or through their nationwide dealership network.

Pool Covers

Enhancing the green effect

An enhanced version of the 'Roll Energy - Evolution' pool cover system, with the option of a 24-volt electric motor or a solar powered unit within the roller, has been added to the DEL range of slatted pool covers.

The DEL range now supports a number of solar powered units, which use light-sensitive 'photovoltaic' cell technology to convert light into electricity, which is stored in a rechargeable battery incorporated within the roller end stand, allowing the cover to be opened and closed consecutively up to 30 times without the need for a recharge. In this way, it is possible for pool users to reduce their carbon footprint at the same time as saving on energy costs.

A range of covers is available, from stain-resistant 'rigid' PVC slatted systems that traps air within the chamber of each slat to provide high insulation and excellent floatation properties, to light-weight woven and bubble thermal covers, all of which can be made to fit the dimensions of any pool of up to six metres wide by 13 metres long, with either a Roman or square step unit.

Used in conjunction with optional locking clamps, the 'rigid' cover once extended, can be 'locked' into position to improve safety for children under five, meeting the French European specification for mandatory pool covers.

In addition to solar systems, Golden Coast can also offer DEL mains powered units including:

Roll-In – that can be concealed at one end of a pool with the 24v motor in an external covered pit

Roll-Top – an above-ground 24-volt motorised roller system

Roll-Banc and **Roll-Over** – each of which provides a bench type cover over the roller mechanism and 24-volt motor.

E-Suite adds vision to Marquis Spas

Marquis Spas® has added a number of options to its 2009 range to meet the requirements of all potential customers. Whilst retaining the philosophy that hot tub bathing is all about the therapeutic benefits, this year's product range has evolved to meet the demands of those looking not only for the health aspect of the product but also for added value enhancements.

To achieve this and ensure that every bather benefits, Marquis has fitted as standard integrated cushioned headrests and a therapeutic cascading waterfall throughout the range, with multi-level seating, including a cool-down seat in the larger models. A new generous 'organic' foot well - modelled on the actual rock formation of a riverbed – massages the soles of the feet and accommodates longer legs.

Those wanting entertainment as they relax now have the choice of stereo sound, a video screen and multi-coloured underwater lighting if required. The Adagio™ audio system and 'one-touch' pop-up directional 'rotating speakers' introduced last year have been joined by the 'E-Suite'™ - a water resistant video monitor that is stored in and lifts up from a heated corner of the spa to prevent the screen from misting up.

Automatic changing coloured LED lights, both underwater within the hot tub and on each of the exterior panels, provide mood lighting that bathes the water with colour, whilst externally creating an ambient glow around the unit.

Inside the spa the water jetting system has been improved with the 'Tri-Zone Hydrotherapy'™ and 'PowerShift'™ jets delivering three levels of relief to the upper, middle and lower body, including massaging aching feet, all available from each single seat.

To ensure the water temperature is maintained throughout the spa and the bathing period, filtered water is drawn into the primary pumps and simultaneously routed through a high-flow heating system ahead of the jet systems.

Marquis Spas® are the only manufacturer that is compliant with the EU's RoHS (Restriction of Hazardous Substances) directive, which bans the use of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants.

The company also meets the WEEE (Waste Electrical and Electronic Equipment) directive, which places 'producer responsibility' on recycling and/or the safe treatment and disposal of products when they eventually reach the end of their serviceable life. In the case of spas this would be items such as pumps and printed circuit boards, which companies are then compelled to dispose of in a safe and ecologically-friendly manner.

In addition to complying with the requirements of TUV, ETL and UL, all Marquis Spas® carry the European Conformity 'CE' mark as they meet with the essential requirements of the relevant European health, safety and environmental legislation.

Steam Rooms

Full production brings together the best of steam

Following the positive reaction to the first prototype viewings at various exhibitions last year, Tylö has started full production of its innovative combined steam-shower unit for domestic or hotel use, available in the UK from Golden Coast.

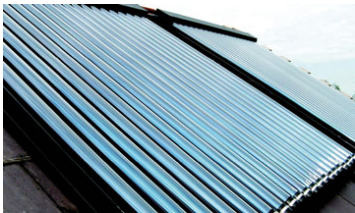
The new 'Impression' series has been developed by taking elements from Tylö's highly successful domestic and commercial product ranges to create space-saving all-in-one units that bring together steam bathing complete with an integral shower used as part of the bathing experience.

Available with single or twin benches, the 'Impression' steam cubicles have a single column incorporating a steam generator, overhead shower rose and a separate hand shower. Its modular construction allows a variety of configurations to be achieved, including either a left or right hanging door, to fit the chosen location.

Taking up little more floor space than a corner bath, the units are initially offered with white or black exterior finishes. The 'Impression' series joins the current range of domestic and commercial and steam rooms available from Tylö.

Ends

Available Pictures



'Sunburst' Solar System



Marquis Spa 'E-Suite'



DEL Solar unit



Savi-Notes Lights



Tylö 'Impression' Mono

Further Information From:

Jamie Adams
Golden Coast Limited
Tel: 01271 378100
Fax: 01271 371699
Email: swimmer@goldenc.com

Issued By:

Geoff Adam
Callback Limited
Tel: 01271 883331
Email: geoff@callbacknow.co.uk