



Best Pools

Understanding Swimming Pool Automation Trends



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Introduction

Having the ability to remotely control your pool or spa is nothing new, as pool owners have been able to adjust the water temperatures and pump function of pools and spas for some time now. But as the Internet and smart technologies become more influential on every day life, a whole new realm of possibilities has opened up for the pool and spa industry.

Swimming pool automation allows you to personally take control of your backyard experience using the most innovative, user-friendly equipment available. Now more than ever, pool owners can control many aspects of their pool and spa in a variety of interesting – and in most cases, money saving and eco-friendly – ways.

Join us as we explore some of the most popular and emerging automation trends in the pool industry that can serve as inspiration for your upcoming new pool build or renovation project.



The Advantages of an Automated Pool and Spa

Integrating an automated control system is the best way you can save time and money while operating your pool. Automated control systems give you the latitude to control your pool anywhere, anytime on your smart device – a perk for the pool owner on the go. Because your pool will run more effectively and efficiently, you will get more time where you should – in the water.

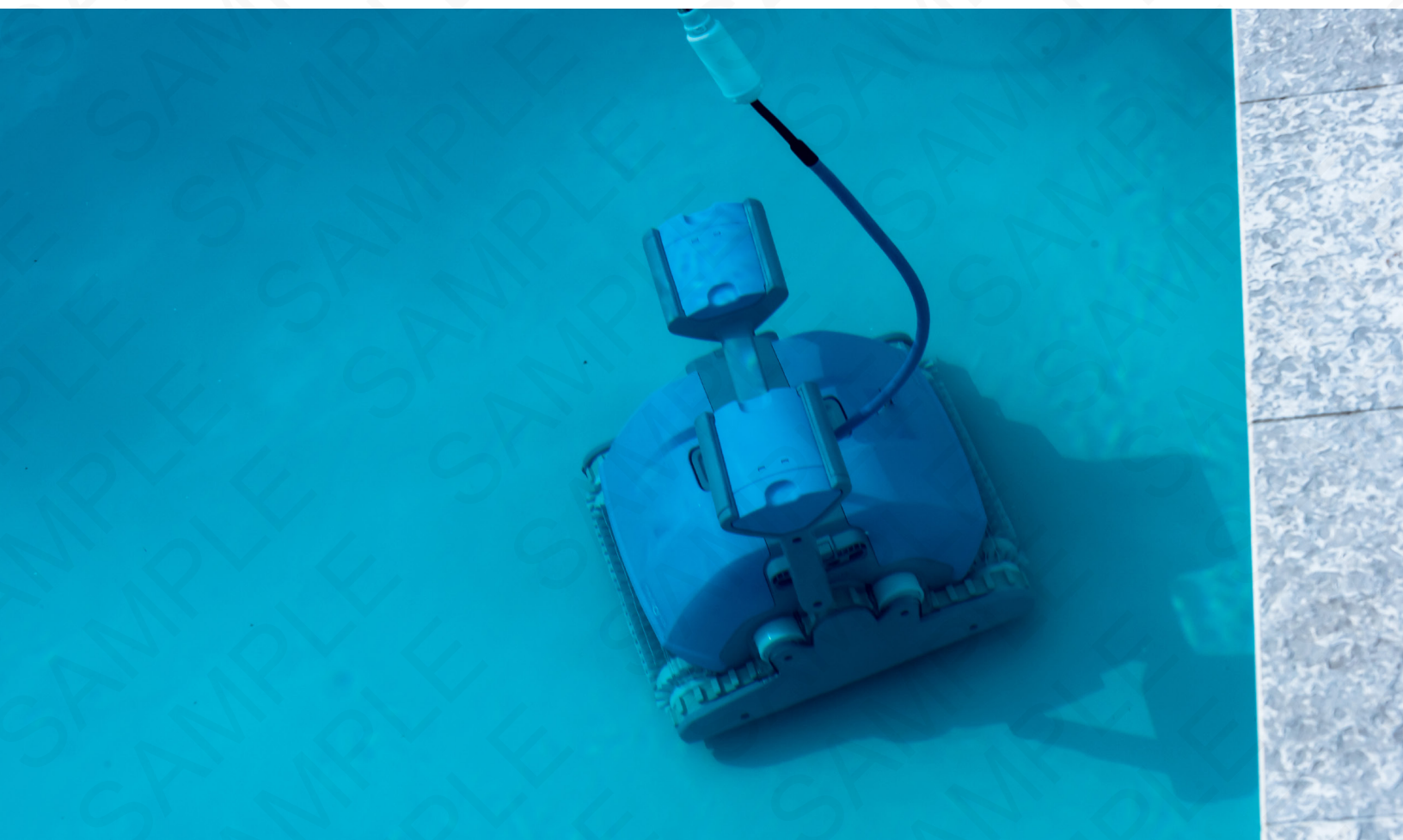
There are numerous reasons to incorporate automated equipment into your poolscape:

- Automation gives you complete control over your pool and spa
- It saves you time and money on maintenance and utility expenses
- You receive precise up-to-the-minute monitoring via your smart device
- Automation allows you to maintain cleaner, safer water 365 days of the year

For those who own a rental property or even a vacation home, an automated system allows you to check your water chemistry and ensure that it is properly balanced regardless of where you are located. You can even heat up the pool a few days prior to arriving at your second home, and you can reduce the utility costs for your property.

Pool owners also enjoy another perk of automation — pool builders and service providers can receive immediate alerts and notifications about your pool, including if the water chemistry is out of whack or if a piece of equipment is not functioning correctly. Notifying a professional immediately allows for a quicker response time when fixing any issues.

This is why remote pool maintenance has become one of the newest trends in the industry. We are able to stay up to date on the status of your pool, as well as receive historical reports and information about your pool and/or hot tub. We can change your pool's chemistry, get the robotic cleaning system running and alert you of any issues (i.e. if your pool water level is too low) without having to ever set foot into your backyard.



Latest Trends in Swimming Pool Automation

Because of the rapid growth in automated and remote swimming pool systems, today's pool owners have much more flexibility with their pools and spas. Having the ability to automatically heat your pool, run the pump and filter and control the in-pool lighting are still popular, but the industry has seen a number of brand new automated equipment options emerge.

Self-Adjusting Chemistry Systems

The chemistry of your pool is constantly changing, from the moment someone performs a cringe-worthy belly flop to when you top off your water level with a hose. This forces pool owners to constantly test and rebalance their pool chemistry several times a week during an peak pool season.

Now you can save time by installing a system which will automatically monitor and adjust your pool's chemistry for you. Your water levels are kept at an optimal balance at all times, ultimately saving you money on expensive pool chemicals.

Automated Variable-Speed Pumps

Almost all brand new pools today are built with a variable-speed pump. As the name suggests, these pumps can be run at variable speeds, cutting energy costs by up to 90 percent. Whatever you're doing, running the pool cleaner or water features, the variable-speed pump will only use the amount of energy required to get the job completed in the most energy efficient way possible. Not only are variable-speed pumps the most quiet pumps on the market, they also have a much longer lifespan than traditional two-speed pumps.

Hands-Free Cleaning Systems

While some pool owners may enjoy spending hours scrubbing, vacuuming and scooping debris out of their pool, most would prefer to save that time and have someone or something do the job for them.

This is why in-floor cleaning systems have become one of the leading trends in pool ownership. An automatic pool cleaning system is built with low-profile fixtures that will automatically pop up and push any debris down to the drain where it will then be whisked out of the pool. Select systems also feature an automated cleaner or sweeper that travels around and cleans your pool.

Pre-Programmed Settings

Imagine with the touch of a button you can create the perfect atmosphere for your backyard event. For your romantic evening mood you may choose to get the jets bubbling in the hot tub and for your fire pit to spark to life. When you're in kid's party mode you may get the deck jets shooting impressive arcs into the air and for the bubblers to start bubbling. For neighborhood party mode you may choose to have everything running at once.

Pool owners choose systems with pre-programmable settings for one simple reason: It saves time. Prior to having this option, changing the theme of your poolscape required the use of several remotes and different buttons. Now you can create the perfect backyard setting within seconds.



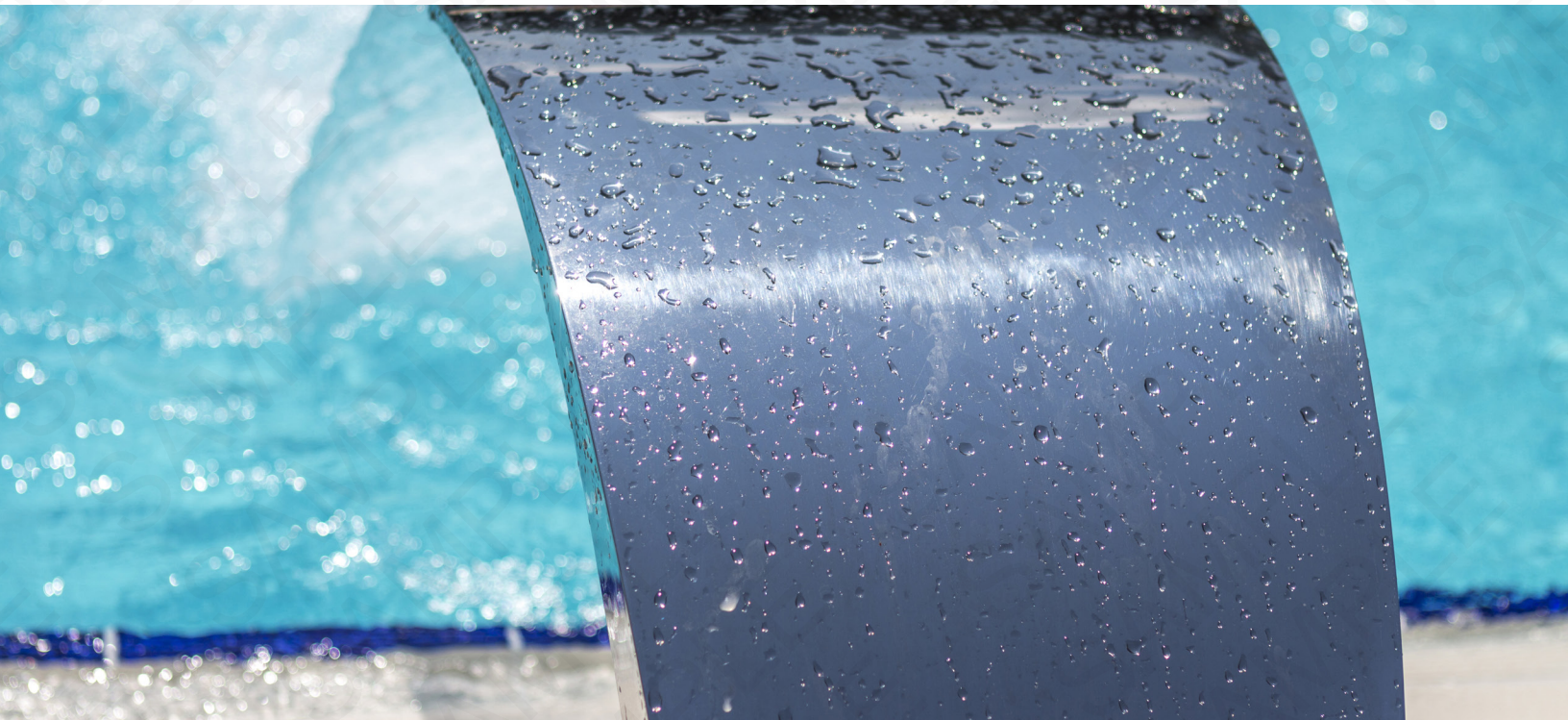
Smart Solar and Gas Heating Systems

An app will not only allow you to remotely heat your pool, it will also give you the option of how and when you want your pool to be heated. Intuitive apps can be programmed to run your solar heating system on its own. But if the demands for heat are not being achieved by your solar heater, the software will then automatically switch the heat source to your faster-acting gas heater.

Live Streaming Video

By setting up one to four cameras around your poolscape, you can stream live video of their backyard from their tablet or smartphone wherever you may be. Many video systems also include moving cameras that can pan to nearly 180 degrees. These cameras can be set up to detect movement in your backyard, take still images, and send the file to one or more email addresses.

For example, if an animal or unexpected person comes into your backyard, the camera will detect the motion, snap a picture and alert the tablet or smartphone user by email that something may be amiss.



Up-To-The-Second Pool Reports

Being able to control almost every aspect of your pool while off-site is great. But what may be the most valuable part to having an automated system are the up-to-date reports that can be generated.

Pool automation systems produce a detailed history provides insight into several different energy management functions. Data can be looked up for a specific day, week or month, and you will be given run-time data on your lighting, pump, and solar systems. This helps pool owners evaluate and adjust the run times of their pool equipment so that the equipment is running only when it needs to be.



Exploring Your Automated Pool Management Options

There are a number of ways in which you can control and automate your pool. Depending on how you like receiving your information, as well as controlling it, will help you determine which system works best for you. Today's options include:

- Handheld Remotes
- Web-Based Control
- Mobile Apps
- Home Automation Systems

Handheld remotes have been available for the past 20 years. The problem with these remotes is that their range is limited (most can only be used within 500 feet of your pool and spa), so they are not as remote as other available devices, leaving you limited to control your pool only within your home.

One step up from the handheld remote is a *web-based system*. These systems allow pool owners to control their pool from anywhere there may be an Internet connection. This also allows pool builders and service providers to use remote pool management to manage the pools of their clients without having to set foot into their backyard. This is not only convenient, but it gives pool owners the peace of mind in knowing that their pool is being tended to constantly by the professionals.

The leading trend in pool automation today is the mobile app. These software applications are developed by controller manufacturers and can be easily downloaded onto a smartphone or tablet. A pool owner can tap the app and control whatever features of their pool from their mobile device wherever they are. These apps provide a number of key benefits, including:

- Faster access to pool controls
- Easier to make commands
- Instant status reading retrieval
- Real time alerts to any issues with your pool or spa

Another up and coming trend for those who have higher-end pools is a home automation system. These pools are almost always built with a remote pool management system which can control everything inside of the home and outside of the home.



As technology evolves, so does the pool industry. The thought of what you may be able to do with a high-tech poolscape is exciting for pool owners, pool builders and service professionals alike.

While the investment is greater for outfitting a pool with automated equipment, the rate of return can save you hundreds of dollars on future utility bills. Not only does energy-efficient and environmentally-friendly pool and spa equipment reduce pool operating costs, it also cuts down on energy usage and saves water.

Contact us today to find out more about the latest pool automation trends available and to begin designing a new, eco-friendly pool perfect for your backyard.

Contact Us Today

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Customer Service

sfsdfsdfsdf

Design Staff

sdfasdfsadfadsf

Website

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