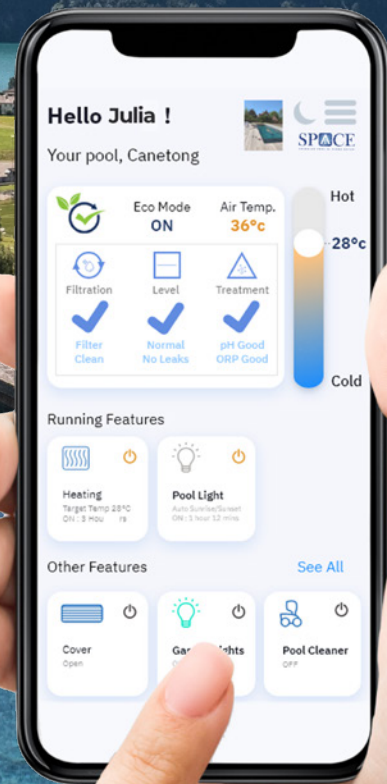


# INTELLIGENCE BROUGHT TO YOUR POOL!



# SPACE

SWIMMING POOL A.I. CLOUD EXPERT

# WHAT IS SPACE?

More than a classic pool automation system, **SPACE** is a device that allows you to monitor your pool, in real time, and control it remotely. Thanks to its embedded **Artificial Intelligence (A.I)\***, SPACE continually analyses and controls all the parameters of your pool to improve its own performance, reduce operating costs, eliminate waste and make it truly autonomous!

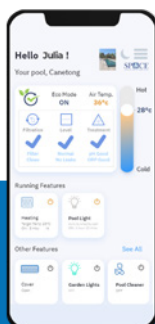
## INTELLIGENCE BROUGHT TO YOUR SWIMMING POOL!

### BEYOND AUTOMATION : TOWARDS AUTONOMY & PERFORMANCE!

With SPACE, algorithms work together, getting to know your pool and its behaviour better and better (machine learning) to optimise all processes. **Your pool manages its daily needs efficiently, sustainably and autonomously.**

### THE BEST TECHNOLOGY

State-of-the-art technology is at the heart of the system. SPACE offers unique, **next generation sensors** that provide unparalleled reliability of measurements (pH/Redox, temperature, pressure, water level, salinity etc.). This technology, combined with A.I., allows the highest levels of accuracy to be achieved and ensures the **continuous optimisation and improvement of your pool.**



Monitoring with notifications and remote control of your pool via the **Dryden SPACE®** application.



Watch the **SPACE** e-learning video



### SMART AND ECO-FRIENDLY

**No more chemical overdosage, no more water and energy waste.**

With SPACE everything is calculated, regulated and optimised:

- Chemical injections are done in an intelligent way,
- Filling of the pool is adapted according to the weather,
- Water leaks are immediately detected to avoid over-consumption,
- Pool equipment operating times are constantly adjusted for minimum power consumption.

### ADAPTED TO ALL SWIMMING POOLS

SPACE can be installed in all **new and existing pools (private and public)**. Is suitable for all flowrates and all water treatments.



\* "Artificial intelligence is when machines do tasks that typically require human intelligence. The field of artificial intelligence includes machine learning, where machines **can learn by experience and acquire skills without human involvement.**"

# HOW DOES IT WORK?

**YOUR POOL,  
ALWAYS BETTER!**

The more data collected, the more the system can "learn" and your pool can improve.

In addition, you receive **new exciting features and benefits for you and your pool with auto-updating!**

## WITH SPACE

your pool becomes every day...

more  
**intelligent**

more  
**efficient**

more  
**economical**

more  
**personal**

more  
**ecological**



Collects, analyses and processes data from your pool using complex algorithms to:

- Continuously **improve its water quality**,
- Maximise **energy efficiency, chemical use and water savings**
- Enhance its **safety**,
- Ensure **proactive maintenance**,
- Propose **solutions & recommendations**



**Truly autonomous and intelligent, your pool strives for perfection day after day.**

Perfectly under control, fun and easy to use - **You are living a new pool experience and just have to enjoy!**



Integrated  
GSM router



Monitoring and control

**SPACE APP & WEB INTERFACE**  
More information on page 5



**DATA CONTROL CONNECTION UNIT**



Unique **pH/Redox** probe which does not require calibration (self-correcting with A.I.)

**SMART SENSORS**

pH/Redox, air & water temperature, water pressure, water level, ...



8 INPUTS + 8 EXTRA RELAYS

**SPACE EXTENSION MODULE**



Control of all

**YOUR POOL EQUIPMENT**



# COMPLETE AND OPTIMAL MANAGEMENT OF YOUR POOL



Always connected with integrated GSM router!



Watch the **SPACE** e-learning video



## FILTRATION



1 2 3

Automatic control and management of the filtration system with notifications.

+ **Variable speed pump monitoring and control**

## BACKWASHES



Automatic filter backwash control with **Besgo 5-way valve**.  
Also compatible with **Besgo 3-way valves** (automatic filter rinsing and Eco Mode for overflow pools) [www.besgo.ch](http://www.besgo.ch)

## INTELLIGENT WATER LEVEL CONTROL



Connected to the **weather forecast!**

Smart and responsible, **SPACE** offers **ultra-precise water level control thanks to an exclusive 4-sensor system and studies the weather to maximise your water savings.**

In the event of rainfall, **SPACE** will regulate the level by using the excess water to backwash the filter. It can also delay a refill if rain is forecast.

**The system is also capable of early detection of leakage in case of overflowing.**

## WATER TREATMENT



**Control and optimisation of water balance and disinfection.**  
Compatible with all treatments (Chlorine, bromine, active oxygen, UV, salt water chlorinators or **DA-GEN**®).



**APF**® automatic flocculation and **ACO**® dosing.  
(DAISY® system: page 6)

## POOL COVER & OTHER EQUIPMENT



**Control of the automatic pool cover, management of water attractions** (counter-current jet, waterfalls, massage systems, etc.), **flow control** (with FlowVis® flowmeter) and any **other equipment** (lighting, heating, etc.).



Provides more pleasure & serenity



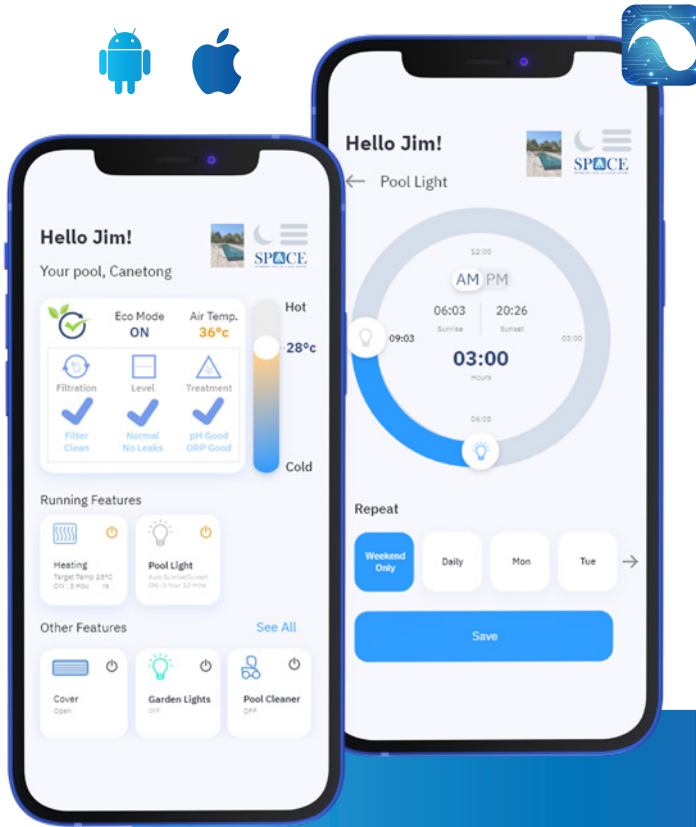
Protects your investment



Preserves the environment



Reduces operating costs



## INTELLIGENT CONTROL & MONITORING

Via the **Dryden SPACE application**, the system makes every pool installation remotely visible. Parameters can be adjusted and many elements can be monitored and analysed.

- ✔ **Enhanced protection with notifications:** Pump protection, overpressure, antifreeze, high temperature, alkalinity control in case of unstable pH, detection of low consumables level etc.
- ✔ **Energy consumption monitoring (optional).**
- ✔ **Automatic updates and graphical data recording.**

## SUPERIOR SERVICE QUALITY!

With SPACE and its **web interface**, you can share access to your pool and delegate its management.

For example, your pool specialist will be able to follow the state of your pool in a few clicks, be informed when it needs maintenance and know what type of maintenance it needs.

In case of a problem, he will be able to know the cause of the problem and the urgency of the situation in order to intervene at the right time and to be prepared with the right products and tools.

Finally, by knowing what works well in advance, he will be able to concentrate only on the essentials and thus improve his efficiency.

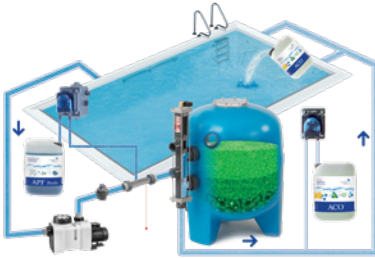
**Your pool is maintained in the best possible condition, with the lowest possible consumption and service costs.**

[www.dryden-space.com](http://www.dryden-space.com)



# SPACE WITH DAISY® & DAISY+ THE PERFECT COMBINATION !

DAISY®  
e-learning video



**DAISY®** (Dryden Aqua Integrated System) is a unique biological and ecological water treatment solution **adapted to all swimming pools.**

DAISY® (AFM®, APF®, ACO®) provides the very best filtration down to 0.1 micron and **reduces chlorine demand by 50 to 80% compared to a traditional system!**

## DAISY® + DA-GEN® = DAISY+

**DA-GEN®** is a disinfection system that generates free radicals (**hydrolysis**) and a small amount of chlorine (electrolysis).

Free radicals (OH\* and O\*) are highly efficient oxidants with the great advantage they do not form any harmful disinfection by-products.

With DAISY®, the DA-GEN® provides perfect water quality producing only a very small amount of chlorine (> 0.1 mg/litre) and a maximum of free radicals!

**Pool water disinfected in this way is of drinking water quality – crystal clear and with no chlorine smell!**



## DAISY+ in 4 steps:



1

### Filtration with AFM®

Greatly improves filtration and eliminates all breeding ground on which bacteria can reproduce.



2

### Coagulation & flocculation with APF®

Removes all vital nutrients required for bacterial growth. In combination with AFM®, a **filtration efficiency down to 0.1 micron can be achieved!**



3

### Increased oxidation with ACO®

Filters UV light to protect chlorine from the sun without reducing its effectiveness.



4

### Best disinfection with DA-GEN®

Disinfection with free radicals and a minimum of free chlorine for residual disinfection.

## SWIM IN DRINKING WATER!

# DAISY+




EMPOWERED WITH A.I.



Thanks to its intelligence, **SPACE** perfectly complements the **DAISY®** and **DAISY+** systems. You get the best water and air quality on the market with the lowest operating costs. For more information, visit: [www.drydenaqua.com](http://www.drydenaqua.com)

## SPACE Panels

THE PERFECT READY-TO-USE SOLUTION

-  **Pre-assembled,**
-  **Pre-wired,**
-  **Always connected!**

Dryden Aqua assembles the SPACE system in conjunction with DAISY® and DAISY+ in Switzerland. The system is fully wired and pre-assembled on a panel for a quick installation by your pool specialist, with the assurance of a perfectly executed installation. **4 different panels are available\* :**



DAISY+

SPACE + DA-GEN® 45m³

SPACE + DA-GEN® 90m³

SPACE + DA-GEN® 150m³



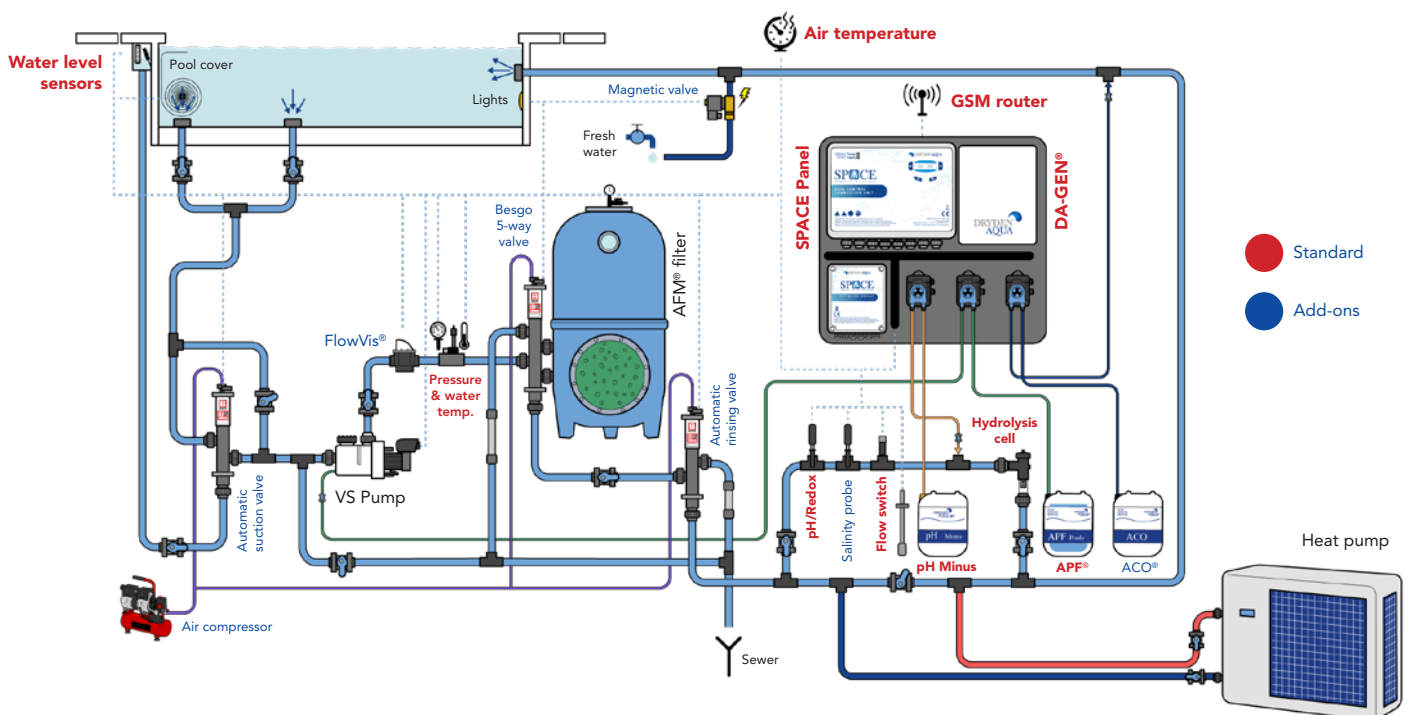
DAISY

SPACE / Liquid chlorine  
Private pools (Redox)

\* All SPACE panels are adapted to skimmer and overflow pools.

Public pool version available on request.

## SPACE with DAISY+ SCHEMATIC DIAGRAM



10 HIGH LEVEL TRAINING SESSIONS

YouTube



LinkedIn



Dr. Dryden is a marine biologist specialising in swimming pool water treatment. His mission is to eliminate toxic disinfection by-products and **provide the best air and water quality on the market.** For over 35 years, Dr. Dryden has been working with chlorinated systems for Dolphins and other aquatic mammals before successfully introducing his technology to the pool industry. Today, as a testament to the performance, safety and benefits of his water treatment solutions, over 500'000 swimming pools worldwide are using Dryden Aqua products.

