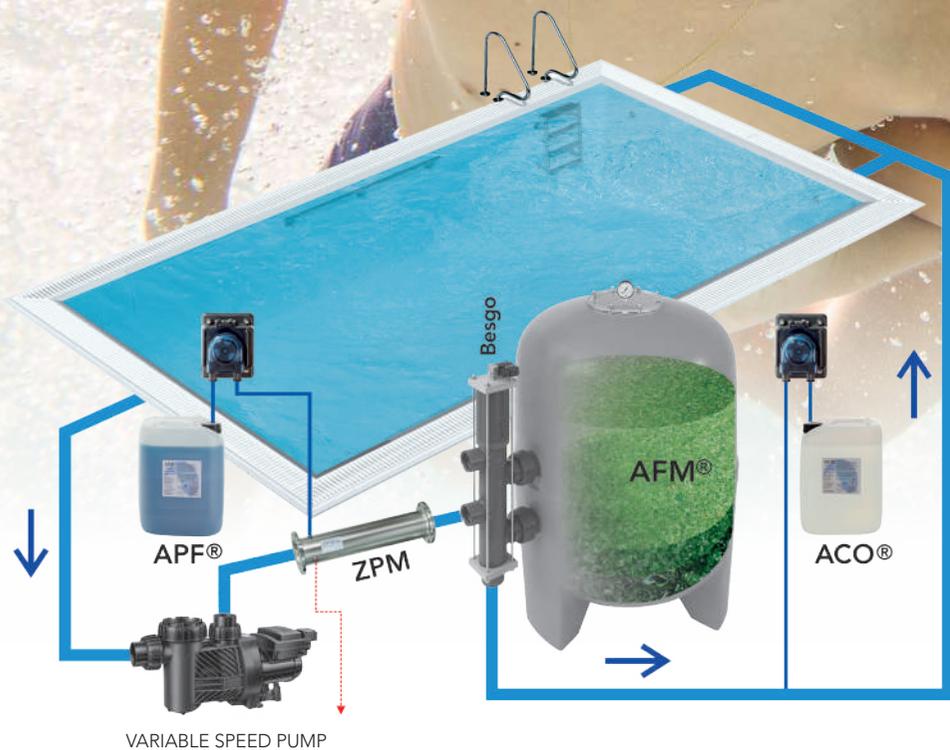


DAISY[®]

INTEGRATED SYSTEM



DRYDEN
AQUA
DISTRIBUTION

SUSTAINABLE
WATER
QUALITY





A biological approach : Prevent rather than kill !

ABOUT DR. DRYDEN

Dr. Dryden is a marine biologist specialising in water treatment for over 35 years. His mission is to eliminate harmful chlorine by-products and provide the best air and water quality on the market. DAISY® (Dryden Aqua Integrated System) is an ecological and sustainable water treatment solution which prevents bacterial growth in your swimming pool. DAISY® can significantly lower the cost of water treatment, enhances water clarity, and provides a healthy swimming experience for all ! **DAISY® consists of 3 integrated steps :**

1

AFM®

Improves filtration and eliminates all breeding ground on which bacteria can grow.

2

APF®/ ZPM

Removes dissolved pollutants and all vital nutrients for bacteria to stop their growth.

3

ACO®

Amplifies the natural disinfection power of the sun and protects chlorine from photolysis.

DRYDEN DAISY® BENEFITS

- ▶ Filtration down to 0.1 micron. Reduces oxidation demand by up to 80%.
- ▶ Prevents the formation of toxic disinfection by-products (DBP's)
- ▶ Offers the best air quality - without chlorine smells.
- ▶ Provides clearer and safer water - without pathogenic bacteria.
- ▶ Lowers operating costs - water, chemicals and energy savings.
- ▶ Makes a positive environmental impact.
- ▶ Can be used with all types of pool water treatments.



AFM®
ACTIVATED FILTER MEDIA

STEP 1 : FILTRATION WITH AFM®



No biofilm
No pathogens

Thanks to its **unique self-sterilizing surface**, AFM® is the only filter media on the market to fully prevent bacterial growth in all sand filters. Impurities cannot stick on AFM® and are completely evacuated during backwash. The formation of biofilm - responsible for chlorine smells and channeling in the filter - is fully prevented.

4
MICRONS

4 micron
filtration

With a **certified 4 micron filtration rate**, AFM® surpasses the performances of sand and other glass filter media. After only 24 hours, water becomes much clearer while chemicals consumption starts to reduce.



Sustainable
filtration

AFM® offers a quick return of investment. It saves resources such as water, chlorine and energy thanks to slower and more efficient backwash. **AFM® outlasts all other filter media** and can be used in any sand filter without modifications. For the best results, we recommend a filtration velocity <30m/h and a backwash velocity >40m/h.



APF[®]
ALL POLY FLOC

STEP 2 : COAGULATION + FLOCCULATION WITH APF[®]



Improves
filtration

APF[®] is a highly concentrated liquid product containing a precise combination of coagulants and flocculants for a wide spectrum of actions. **APF[®] - when used with AFM[®] - is able to remove all particles down to 0.1 micron.** Chemicals consumption is reduced to the lowest possible level.



Ensures optimal
bathers' safety

APF[®] **makes your pool safer and healthier** by removing more pollutants and organic substances from the water. The formation of harmful disinfection by-products - such as THMs - is significantly reduced. With APF[®], more pathogens can be filtered out including chlorine resistant parasites such as Cryptosporidium and Giardia.



Prevents
algae growth

APF[®] contains NoPhos, an ecofriendly coagulant which removes phosphates from the water to **prevent algae growth in a natural and sustainable way.** Dosage : Use a constant flow peristaltic pump and inject into a ZPM static mixer 0.3 to 1 ml of APF[®] / m³ of water circulated through the filter.



ACO[®]
ACTIVE CATALYTIC OXIDATION

STEP 3 : INCREASED OXIDATION WITH ACO[®]



Protects
chlorine

Unlike cyanuric acid (CYA), ACO[®] filters UV light and protects chlorine without reducing its efficiency. ACO[®] avoids all problems with saturated water and unnecessary chlorine overdosage. **Inorganic chlorine consumption is reduced by 20% to 40%.** In salt pools: ACO[®] extends the lifetime of electrolysis cell.



Eliminates
pollutants

ACO[®] is a photocatalyst that amplifies the natural disinfection power of the sun supporting the production of free radicals (OH[·]) through UV. Free radicals oxidize pollutants such as urea and chloramines. **Chloramine concentration is reduced by up to 50%** and turbidity by up to 40%, providing crystal clear and safe water.



Ecofriendly

Innovative and ecofriendly, ACO[®] is compatible with all types of treatments. It is a natural, non-hazardous product which does not form any harmful disinfection by-products. **ACO[®] can be dosed automatically or manually : 1 liter / 100m³ / week.** First dosage should always to be doubled.



DRYDEN AQUA

DISTRIBUTION



SUSTAINABLE
WATER
QUALITY



We are a marine biological company specializing in water quality and innovative, sustainable treatment technologies. Our unique knowledge combination and detailed understanding of the biological as well as physio-chemical reactions has enabled us to develop a highly innovative range of products for aquaria and swimming pools. Therefore we became leader in water treatment for public and private swimming pools. Our mission is: crystal clear and healthy water without any smell of chlorine. Today more than 500'000 pools worldwide are using our system.