



Installation of Envirolyte generator for disinfection of swimming pool water in Columbia in 2022

Location: Cali, Colombia

Client: "Intercontinental Cali", part of "Hotells Estelar Group"

Size of the pool: 450m³

Type pf Envirolyte generator: ELA-400HD

Dosing ratio and FAC residual in the pool:

Dosing Ratio: 2 ppm

FAC in the pool: 1,5 ppm - 1,7 ppm

Previously used water disinfection technology:

Calcium Chloride at 90%

Calcium Chloride at 70%

pH regulators

Products for Algae Control

Feedback from the client:

After doing anolyte the pool water is clearer.

Time for maintenance was reduced by 30%

No need for deep cleanings. The pool became more stable: before 5 days, after anolyte the pool is stable for 10 days.

The tiles looks better. Anolyte significantly reduced the formation of inlays on tiles.

All previously used chemical substances were replaced with anolyte.



“Intercontinental Cali”



Swimming pool at “Intercontinental Cali”

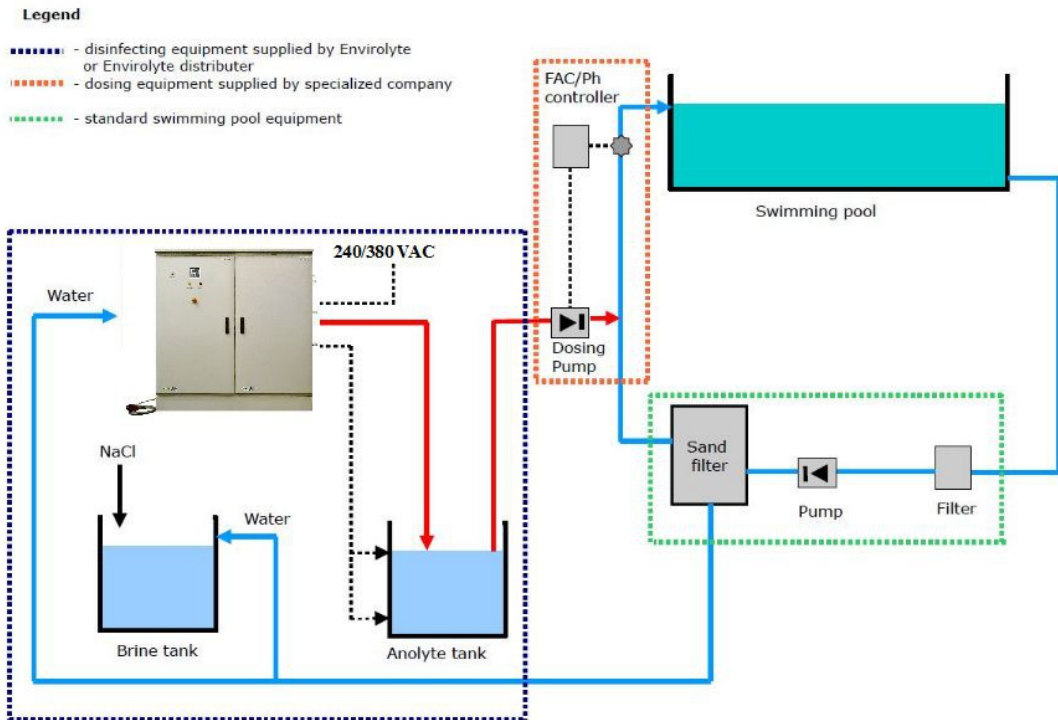


ELA-400HD installation at “Intercontinental Cali”



ELA-400HD installation at “Intercontinental Cali” with water softener and anolyte tank

Swimming pool system with Envirolyte equipment



The reported benefits of using EnvirolYTE swimming pools water disinfecting technology:

Safety

- no danger of chlorine gas explosion and hazards associated with transportation of the cylinders;
- no need to mix or dilute hazardous chemicals;
- environmental friendly solution;
- no danger of overdosing;

Efficiency

- no irritation effect;
- no occurrence of chlorine odour in a swimming pool;
- complete destruction of microorganisms at lower dosing;
- elimination of biofilms and inactivation of pathogenic microorganisms including Legionella species, and nil bacteria counts;
- creates a longer-lasting residual than traditional chlorination, often at a lower dosage

- right dosage, no more no less – corrosion is reduced;
- significant reduction of Trihalomethane and other DBP;

Cost reduction

- Envirolyte system is fully automatic and only requires a minimal operator attention;
- no need for transport, handling or storage of chlorine gas or hypochlorite;
- on site installation in close proximity to swimming pools;
- it is an effective biocide, does not irritate eyes and skin, does not have such sharp chlorine smell as other chemical products, therefore it does not irritate airway, does not cause allergy, it is easy to use and handle because one does not need to order and store it (it is prepared on site and on demand), it is cheap.

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