



Applications: Swimming pools water disinfection, indoor fresh water pool.
Sanitary water treatment (cold and warm) with antilegionella and antibacterial purpose.
General sports facility disinfection.

Client: Sports Center Athlon - Via Ugo Ojetti 134 Rome - Italy

Location: Rome, Italy



Swimming pool: two pools: 420 m³ and 100 m³, fitness room, weight room, dance floor, ice skating ring, event rooms



Swimming pool in Athlon sports center

Anolyte dosing: Anolyte injection proportional to the volume of incoming water. Anolyte injection regulated by chlorine probe and control panel.

Daily volume of treated water: 35 m³ (sanitary water) + 2600 m³ (swimming pools recirculation)

Type of Envirolyte equipment: ELA-6000



Envirolyte ELA-6000 anolyte generator

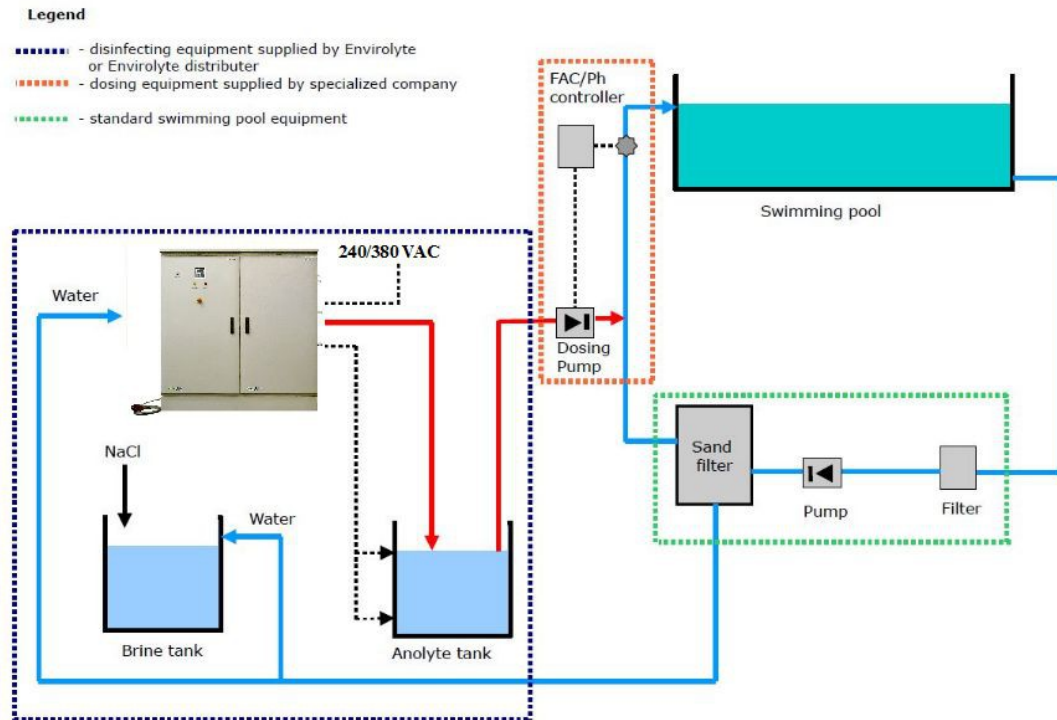


Envirolyte ELA-6000 anolyte generator

Daily volume of anolyte: 6000 - 8000 LPD

FAC residual in the pool : 0,8 ppm

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.

Please refer to <http://www.athlonroma.net/home/senza-i-fastidi-del-cloro/> for more details

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