



Application: Disinfection of drinking water and hotel water supply for Legionella prevention

Location of the installation: Hotel Benabola, Puerto Banús Marbella, Málaga, Spain

Water consumption: ~28 m³/day of cold and hot water

Dosing ratio: 1 - 2 ppm

Previously use technology: Chlorination with Sodium Hypochlorite



Hotel Benabola, Puerto Banús Marbella, Málaga



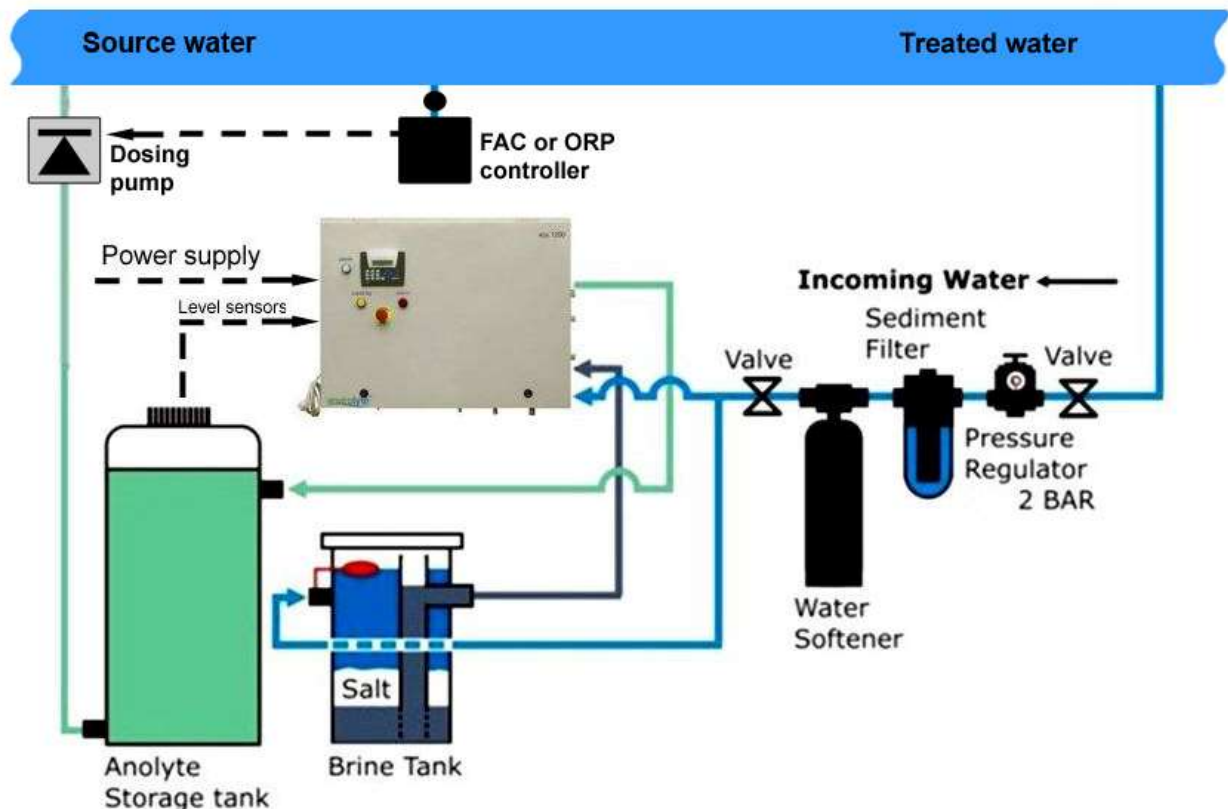
Hotel Benabola, Puerto Banús Marbella, Málaga

Type of the Envirolyte equipment: ELA - 200ANW.



Envirolyte ELA-200ANW with anolyte and brine tanks and water softener.

Below can be seen a schematic of the system layout



The reported benefits of using Environment water disinfecting technology :

Safety

- no danger of chlorine gas explosion and hazards associated with transportation of any other chlorine based disinfectant;
- no need to mix or dilute hazardous chemicals;
- environmental friendly solution;

Efficiency

- 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 reducing

- Envirolite 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 the points of use;