



Application: Disinfection of hot water for Legionella prevention .

Location of the installation: Hospital San Lazaro, Sevilla, Spain



The historical building of Hospital San Lazaro

Type of the Envirolyte equipment: ELA - 900ANW.

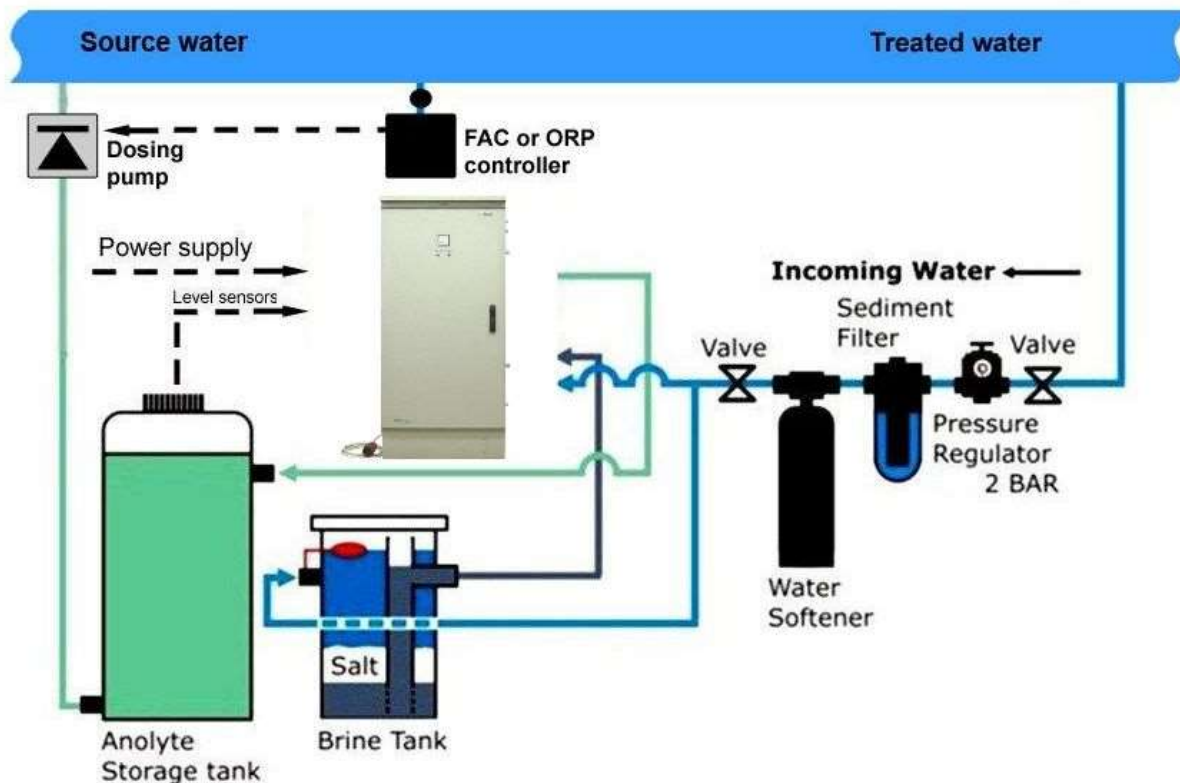
Dosing ratio: 1 ppm after injection



Envirolite ELA - 900ANW with brine tank, storage tank and water softener

Previously used disinfection technology: chlorination with sodium hypochlorite

Below can be seen a schematic of the systems layout



The reported benefits of using Envirolite water disinfecting technology

Safety

- no danger of chlorine gas explosion and hazards associated with transportation of lique hypochlorite;
- no need to mix or dilute hazardous chemicals;
- environmentally 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;
 - 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 of urban population;