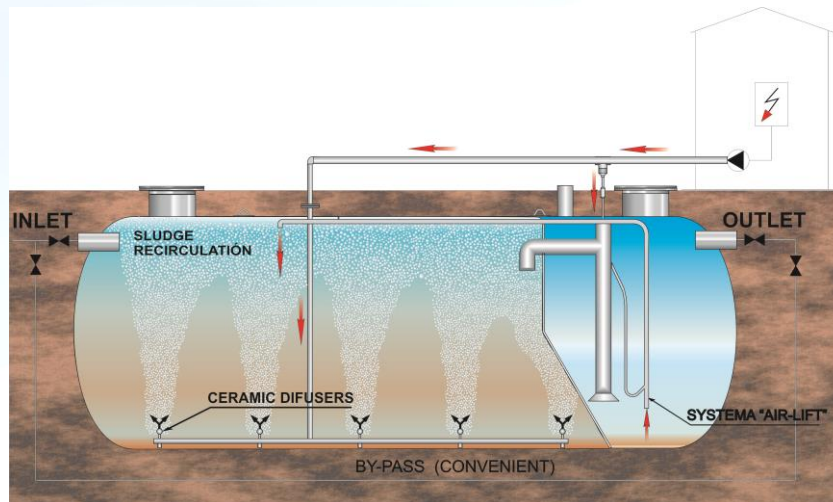


Depuración oxidación (BOP)

Description

Biological purification equipment (active sludge) by prolonged aeration (BOP), made of polyester reinforced with fiberglass (GRP) and based on the system of purification by total oxidation with recirculation of active sludge by means of the "air-lift" system".



Characteristics

- Completely smooth interiors rich in polyester that allow a perfect evacuation and great chemical resistance to the different products to be stored.
- Percentage of Fiberglass from 55 to 60%, for a high mechanical resistance.
- High resistance to external corrosive agents.
- Easy cleaning, high durability, maintenance is not necessary and easy to repair in the event of a break.
- GRP is resistant to both high and low temperatures, avoiding condensation. It is also a good electrical insulator.
- The calculation and design is done in accordance to the product to be contained, the working temperature and the concentration of it.
- Lightweight and easy transportable equipment.
- Structural reinforcements to withstand the pressure of the ground.



Calculation and design

- BUPOLSA makes all of their tanks according to the manufacturing: UNE-EN 13121, UNE-EN 976, AD-2000-Merkblatt-N1 and UNE-EN 12566
- For the design of the equipment takes into account the volume or daily flow or equivalent population.



BOP with a grease separator and a catch basin



Geometries and sizes

- Capacities:
 - Up to 200.000 l
 - Up to 800 HE
- Available diameters: 800, 1.000, 1.200, 1.380, 1.620, 2.000, 2.325, 2.500, 3.000, 3.400, 4.000 and 4.200 mm.
- For any other measure and / or capacity contact the technical-commercial department.



Available accessories

- Screwed manhole in GRP, pit type, long neck or telescopic mouth, screw cap.
- Tubings in GRP PRFV DIN 2576 or ANSI#150 FF
- Lifting hooks
- Venteo



Blowers