

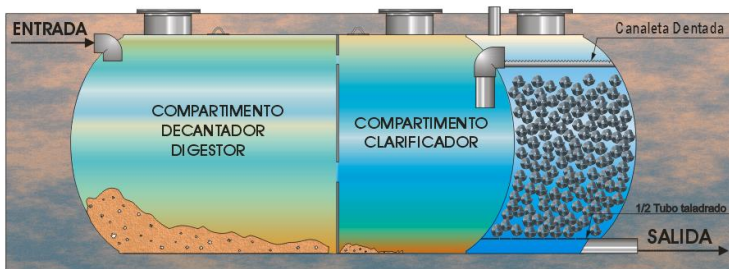
Compact tank-filter

Description

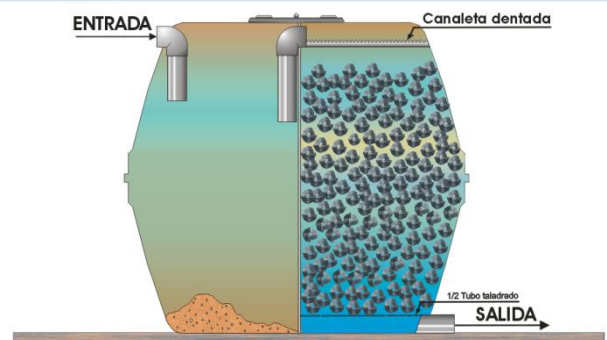
Made of fiberglass reinforced polyester (GRP), the system consists of primary sedimentation with anaerobic sludge digestion, followed by a water clarification phase and finally a biological filter treatment.

Types:

- **Horizontal** compact tank-filter.
- **Rectangular** compact tank-filter.



Horizontal tank-filter



Rectangular tank-filter

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.



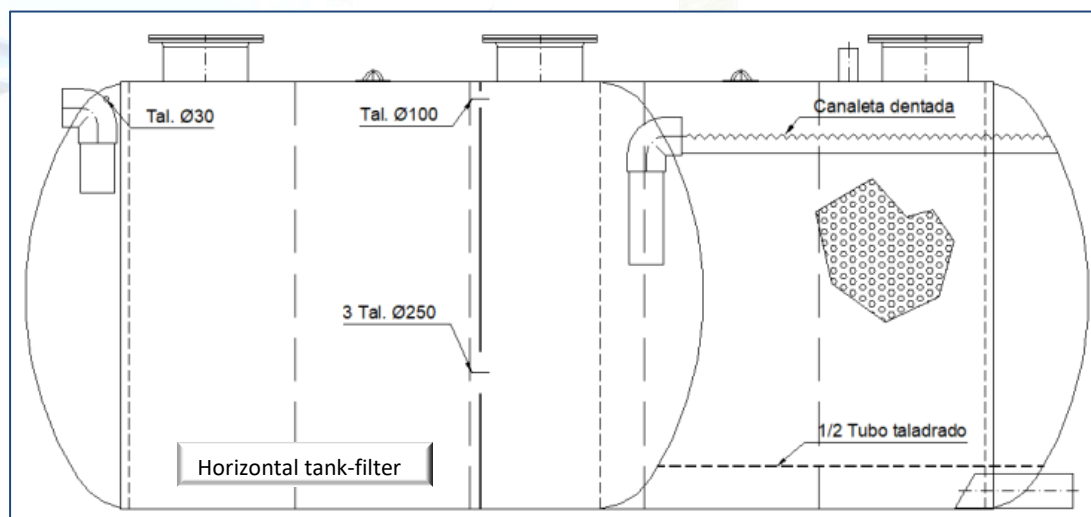
Horizontal compact tank-filter

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.

Geometries and sizes

- Capacities:
 - Horizontal: up to 100.000 l and 600 HE (equivalent inhabitants)
 - Rectangular: up to 3.500 l and 15 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 accesories

- 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