

Scrubbers - chimneys

Description

BUPOLSA Scrubbers are made of polyester reinforced with fiberglass (PRFV) and is an equipment designed to purify the air by means of a washing process that allows the removal of gases and contaminating particles present in the gases. Specially designed for gas streams generated by industry and wastewater treatment plants.

They can be of different types depending on how they act on the gas:

- Spray Scrubber or fill tower
- Cyclonic spray Scrubber
- Scrubber Venturi
- Deodorization towers
- Electro-filters



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.

Calculation and design

- BUPOLSA makes all of their tanks according to the manufacturing: UNE-EN 13121, UNE-EN 976 y AD-2000-Merkblatt-N1.
- For the design of the equipment takes into account volume, product to contain, the working pressure, the working temperature and concentration of the same.
- All scrubbers are manufactured according to the processes and instructions specified by the customer. BUPOLSA not being a process or engineering company, does not develop all the part relative to the size of cleaning tower and does not offer any guarantee in this regard.



Geometries and sizes

- Capacities of up to 200.000 liters.
- Diameters (mm): 800, 1.000, 1.200, 1.380, 1.620, 2.000, 2.325, 2.500, 3.000, 3.400, 4.000 and 4.200
- With galvanized carbon Steel support feet, legs or GRP skirt.

Available accesories

- Screwed manhole in GRP, elliptical or dome with lid in stainless Steel.
- Tubings in GRP PRFV DIN 2576 or ANSI#150 FF
- Fixing anchors to the ground and lifting hooks
- Venteo
- Supports for pipe
- Ladders, handrail and walkways
- Interiors adapted to the needs of customers