

TiO₂ Photocatalyst

Photocatalyst filters

Product name: high efficiency compound photocatalyst network

Application: it is used for manufacturing large space air VOCs purification equipment, removing VOCs, sterilizing, deodorizing and increasing concentration of negative oxygen ions.

Product functions:

1. Degrading pollutant and purifying air: effectively degrading formaldehyde, benzene, ammonia, sulfur dioxide, carbon monoxide, nitrogen oxides, TVOC and other harmful pollution gases in the air.
2. Deodorization function: it has good deodorization effect on odor of cigarettes, toilet, garbage, animal, etc.
3. Sterilization and mildew prevention: it has efficient killing function for e. coli, staphylococcus xanax and mold, and can decompose the harmful substances released from the dead bodies of bacteria while sterilizing.
4. Release negative oxygen ions: release negative oxygen ions, which are beneficial to human health.

Technical features:

1. Using the proprietary immobilization technology, the high quality titanium tanner rice titanium dioxide photocatalyst was fixed on the surface of aluminum fossa and activated carbon fiber wire, and then assembled into a composite photocatalyst network to effectively purify VOCs through the combination of adsorption and photocatalysis.
2. The composite photocatalyst network can degrade VOCs efficiently and ensure the standard discharge of single-pass treatment.
3. Product application light source: 254 nm uv lamp; 365 nm uv lamp; 365 nm LED lamp.
4. The product is well made and durable.

Product principle: Principle of photocatalytic removal of VOCs by titanium high efficiency composite photocatalyst net

