

Bio Reactor™ Bio-Filtration System



The Solution to VOC & Odor Emissions

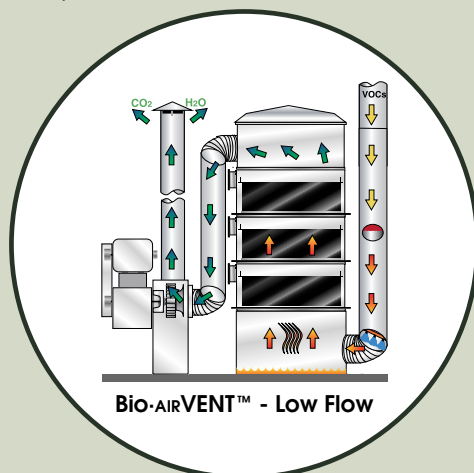
PROECO™ is proud to bring you the Bio-Reactor™ Biofiltration System. This process uses Biotrickling Humidification and a patented, proprietary compost based Bio-Matrix media that results in both odor reduction and VOC treatment.

Using modular systems with 'low air flow/high concentration' and 'high air flow/low concentration' capabilities bring considerable savings and quick return on investment over conventional treatment systems. Air flows from 50 cfm to 10 000 cfm are available as well as engineered designed systems in excess of 10 000 cfm.

Reduce Greenhouse Gases, benzene emissions, and control odor problems with a low cost, energy efficient system designed and engineered to suit your custom application.


Benefits

- Lower Capital Cost than Alternative Technologies
- Small Footprint, Modular & Expandable Design
- No Activated Carbon Regeneration
- Decentralized VOC Treatment
- Low O&M - Easy to Operate
- Low Energy Use
- No By-products
- No NOx/SOx



Applications

- Paint & Coatings Applications
- Chemical Process Vents
- Wastewater Facilities
- Lift Station Pump Houses
- Nuisance Odors
- Press Vents/Process Vents
- Dryers
- Bag Filters
- HVLC Emissions
- Odor Emission Sources
- Chemical Process Tanks & Vents
- Pharmaceutical
- Aerosol Propellants
- Benzene (Dehydrating Applications)
- Sulphur Compounds (Odor + H₂S)
- Mobile Systems
- Plant Shut Downs/Turnaround (Rental Systems)
- Biogas

In Association with:  BIO-REACTION INDUSTRIES