

Odor Control

Tank Covers

Defender™ Tank Covers are custom manufactured from industrial grade materials to fit the profile of new or existing wastewater treatment tank or potable water tanks. Defender™ odor control covers contain volatile organic compounds at their source. Low profile structurally supported covers minimize emission treatment volume to reduce the cost of air filtration equipment and eliminate the need to apply odor control chemicals. — **EnviroNetics Inc., 815/838-8331**



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Scrubber

This high-efficiency wet scrubber eliminates difficult odors, including hydrogen sulfide, methyl mercaptan, dimethyl sulfide, carbon disulfide, and n-propyl mercaptan. The company's odor control systems function at efficiencies of 99% and higher, and produce zero odor at the stack. Their odor control systems can simultaneously handle particulate, inorganic compounds and other acids and gases. Construction is UV-stabilized polypropylene, PVC or stainless steel. — **Tri-Mer Corporation, 989/723-7838**



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Biofilter System

The "BIOFRESH" series of odor abatement biofilter systems are able to handle sudden increases in inlet odor concentrations, as in lift stations. They feature fast start-up for achieving very high treatment efficiencies. The "BIOFRESH" series has one of the smallest footprints in the industry. — **PRD Tech Inc., 513/673-3583**



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Odor & Corrosion Control

The SDOX-CS® delivers pre-dissolved oxygen into gravity sewers or force mains to maintain aerobic conditions and prevent the formation of hydrogen sulfide gas (H₂S). Oxygen is an environmentally friendly and economical solution for collection system odor and corrosion issues. The reduction or elimination of H₂S in a gravity sewer or force main is accomplished with no chemical or oxygen deliveries. — **BluelnGreen, 479/527-6378**



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Customized Solutions for Odorous Emissions

With 45 years of history to call upon, the company offers numerous solutions to challenging air pollution control applications. Pictured is the company's line of Thermal Combustor Systems (TCS) designed for abating odors that can be generated in anaerobic digesters, landfill biogas treatment, and various waste gasification processes. — **Catalytic Products International Inc., 847/438-0334, www.cpilink.com**



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Biological Odor Digestant

BIOCENT™ is a natural, ready-to-use, microbial product that digests and eliminates odors by biologically degrading organic compounds that cause foul odors. As soon as the bacteria in BIOCENT come in contact with organic waste, they digest odors and stains. The end result is more odor-digesting bacteria and harmless carbon dioxide and water. — **Knoll Bioproducts Co. Inc., 877/365-4456**



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Odor Eliminator

The biodegradable RYDALL OE Odor Eliminator is a biocatalyst designed to naturally eliminate odors and corrosion problems. RYDALL OE does not contain masking agents, essential oils, bacteria or active enzymes. It eradicates odors by disallowing the formation of foul substances such as H₂S, ammonia, mercaptans and skatole by stimulating existing bacteria already prevalent in any place with odor issues. RYDALL OE is non-toxic and non-corrosive. — **Apex Engineering Products Corporation, 630/820-8888**

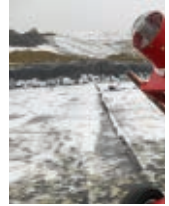


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Mobile-Turbine Fogging Unit

This high velocity turbine blower odor-control fogging unit mounted upon a 12V oscillating stand provides cold-weather odor control solutions for landfill, transfer station or composting facilities. It uses the freeze-proof, 100% essential oil, odor control neutralizer, VaporTech™. The unit can be converted to run a water-based neutralizer in the summer months.

— **Benzaco Scientific, 202/258-4777**



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Flameless RTO Oxidizers

Flameless operation RETOX RTO systems provide odor abatement with up to 97% effective primary energy recovery. They offer NO_x-free odor and VOC control without any nitrous oxide byproducts of combustion. Dual chamber oxidizers are available in modules from 1,000 to 80,000 scfm flow rate capacities, as well as higher capacity multi chamber systems. — **Adwest Technologies Inc., a CECO Environmental Company, 714/632-9801**



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Biotrickling Filter

The EcoFilter® line of biotrickling filters is capable of removing more than 99.9% of hydrogen sulfide and more than 95% of total odors from collection system and wastewater treatment plant airstreams. The EcoFilter units have a small footprint, yet can expand with your needs. Incorporating EcoBase® structured synthetic media, EcoFilter uses no hazardous chemicals and no consumables. — **BioAir Solutions, 856/258-6969**



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Vapor Phase Delivery System

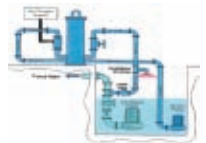
This vapor phase system requires no nozzle maintenance, and no water, mixing, or dilution. Pure Ecosorb® an industrial odor control additive, is pumped through a perforated pipe distribution system, which creates a dry mist to eliminate airborne odors. The system is simple to install, operate, and maintain. It is programmable for auto sequence start up, and allows users to see real time airflow rates and to control liquid flow. — **OMI Industries, 800/662-6367**



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Chemical-Free Odor Control

The Gener-Ox™ System converts an anaerobic sewer environment into a fully aerobic environment. It uses the pressure in the force main to maintain dissolved oxygen levels higher than is possible in open vessels. The system eliminates sulfur reducing bacteria, and prevents formation of sulfides and its resulting COD/BOD. It also prevents sulfuric acid formation and the associated corrosion. — **IER Environmental Services Inc, 800/331-3314, www.gener-ox.com**



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