



ENVIRONMENTAL SOLUTIONS

OFFERING A COMPLETE LINE OF
ODOR CONTROL PRODUCTS AND ACCESSORIES



VX CARBON ADSORBER

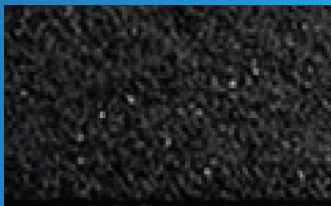
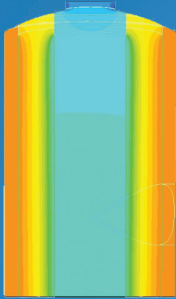
The VX radial flow is an efficient, highly effective system for removing H₂S and other compounds from municipal wastewater applications. These systems can utilize a wide variety of adsorbent media for specific treatment needs with lower capital and operating cost than Deep Bed or Up-Flow Systems all with a small footprint and low pressure drop requiring lower horsepower blowers.

- Lower capital cost and reduced operating costs
- High efficiencies of H₂S and organic odor removal
- Small foot-print and the ability to treat up to 40,000 cfm in a single 12' Diameter vessel
- High quality FRP construction manufactured to exceed industry standards
- Proprietary plug-flow air distribution system maximizing flow efficiency

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VX

SIMPLE, EASY, COST EFFECTIVE SOLUTION UP TO 3000 CFM



FEATURES

BENEFIT

Small Footprint

Up to 40,000 cfm can be treated in a single 12' Diameter vessel.

Proprietary Plenum Diffuser

Through extensive CFD and practical modeling the VX is designed with a special air diffuser system that creates even air distribution through the carbon bed.

High-Quality Construction

Vessel and internal components are manufactured using high quality, corrosion resistant materials to provide an indefinite service life.

Operator-Friendly

Besides fan components, the VX has no moving parts. Carbon is removed, filled and self-levels in the top access ports so man-entry is not required under normal circumstances.

High Quality Media

The ECS VX is available with a wide variety of media including Calgon Minotaur, one of only two A-Grade carbons with a .3 H₂S capacity and Calgon Centaur, a water regenerable carbon with ultimate H₂S capacity of .69

ECS Ring Cap

Simplifies removal of the vessel lid by reducing the number of fasteners. Special O-ring seal with built-in groove ensures a proper seal.

FRP Flanged Carbon Ports

High-quality FRP flanged ports providing a better seal and longevity.

ECS Offers the Following Complete Line of Odor Control Products

- V1 Single Bed
- V2 Dual-Bed
- VX Radial Flow
- X-Pac Chemical Scrubber
- BioPure Biofilter Media
- FRP Ductwork Systems
- AMCA Certified Dampers
- Grease Filter / Mist Eliminators
- Control Panels
- FRP Fans
- Activated Carbon Media
- FRP Chemical Storage Tanks
- FRP Hoods / Covers
- Sound Enclosures and Silencers
- Field Services



ECS is based out of a 100,000 sq/ft manufacturing / design facility located in central Texas.

We offer a complete line of odor control equipment and services including carbon adsorbers, wet scrubbers, biofilters with the unique capability to manufacture and supply system components.

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