



ENVIRONMENTAL SOLUTIONS

OFFERING A COMPLETE LINE OF
ODOR CONTROL PRODUCTS AND ACCESSORIES



BIO-PURE

A highly porous substrate with a special coating of nutrients and buffering agents. The media provides an optimal surface for biofilm growth without media degradation.

- Lower EBRT's than simple medias (compost, wood chips, etc.)
- Longer media life results in lower operating costs
- Reduces the chance of plugging from media breakdown
- Ability to treat any water soluble or biodegradable compound

BIO-PURE

**PROTECTS EXPENSIVE EQUIPMENT
AND EXTENDS MEDIA LIFE**



FEATURES

BENEFIT

Long Media Life

Unlike conventional biofilters, Bio-Pure will not compact or degrade over time. Under normal operating conditions media life can exceed ten (10) years.

Time-Release Nutrient Coating

Bio-Pure is coated with a proprietary blend of nutrient suspended in a time release formulation at the ECS facility.

Unique Odor Removal

99% H₂S and 90% total odor removal

High Performance

Low pressure drop, high performance allows for deeper media bed and less operating costs

Simplicity

Easy to install

Modular Design Options

ECS modular biofiltration systems come factory assembled and tested

Options Available

ECS offers a number of options that enhance biofilters efficiency and reliability.

- Custom FRP covers
- Automated control systems for humidification and media spray systems
- Custom air distribution systems

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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