

## BIOFILTERS

OdorCure offers an array of biologically based biofilter technologies for the removal of odors, H<sub>2</sub>S, VOCs and hazardous air pollutants (HAPs). Our systems can treat air flows from as little as 100 cfm to greater than 500,000 cfm of air and are available in many sizes and options from our smaller integrated modular units to our larger custom designed field erected system. Biorem's biofilters utilise our patented inorganic permanent media Biosorbens® and XLD which both carry a 10 year warranty.

### Applications

Wastewater treatment plants

Head works, grit removal, bar screens

Pump and lift stations

Biosolids management

Septage

Sewage sludge

Total odor applications

High level TRS

Indoor applications requiring prefabricated units for ease of installation

Industrial applications for VOC removal

Composting facilities

Rendering plants

Agri business



Features	Benefits
Custom Units	Units are built to the specific need and requirements of our clients to ensure optimal performance and satisfaction with every installation
Permanent Media(s)	Biosorbens® and XLD are a non-biodegradable, permanent media(s) that will not break down or compact and are guaranteed for 10 years. Advanced design and superior performance of both Biosorbens® and XLD allow for shorter EBRT's reducing the overall unit size.
Superior Performance	Greater than 99% H <sub>2</sub> S removal and more than 90% total odor removal.
Low cost installation	Designs are factory assembled reducing on-site installation costs
Flexible Vessel Options	Options on our modular units include 304 or 316 stainless steel, FRP & Rigid Geon® Vinyl. Larger field erected units are constructed with reinforced, corrosion resistant ternary-blend concrete which is guaranteed against corrosion for 10 years.

