

## BIOTRICKLING FILTER

The MYTILUS® Biotrickling filter is designed for high level H<sub>2</sub>S removal and other water soluble odorous gases from air streams. The MYTILUS® is a cost effective and efficient process to achieve greater than 99% H<sub>2</sub>S removal. The MYTILUS® utilizes high performance synthetic media.



### MYTILUS® Applications:

- High H<sub>2</sub>S Applications
- Waste Water Treatment Plants
- Head works
- Grit removal, bar screens
- Pumping stations
- Pulp & Paper, Biogas Generation and Landfill applications
- Roughing filter
- Ammonia (NH<sub>3</sub>)
- Methanol
- MEK
- Acetates
- Formaldehyde
- Industrial applications for VOC removal.



**BIOREM**  
Breathe Easy...

FEATURE	BENEFIT
<b>High H<sub>2</sub>S level Applications</b>	The MYTILUS® can handle applications with inlet H <sub>2</sub> S levels up to 500 ppm.
<b>High H<sub>2</sub>S Removal</b>	H <sub>2</sub> S removal of greater than 99%.
<b>Roughing Filter</b>	Where total odor removal is required, the MYTILUS® is ideal as a roughing filter to biofilter.
<b>Media</b>	Ultra efficient synthetic media capable of removing greater than 99% of H <sub>2</sub> S.
<b>Small Footprint</b>	Reduced footprint due to vertical design and lower EBRT times due to efficiency of the synthetic media.
<b>Low Life Cycle Costs</b>	The ultra efficient design and with the synthetic media gives the MYTILUS® the lowest life cycle and operation costs.
<b>Energy Savings</b>	The unit is designed with the media to have a low pressure drop. This means less static pressure drop across the unit saving energy.

## BIOSERVE™

BIOREM® offers a comprehensive service program. Your new BIOREM® unit comes packaged with one of our innovative BIOSERVE™ programs, which includes two site visits from our fully trained service engineers to review the system operation and provide any required performance optimization recommendations. Ongoing support and monitoring continues throughout the life of your system. Following the first year of the complimentary BIOSERVE™ package, many options are available which allow you to customize a BIOSERVE™ package that will suit your needs.



*BIOREM® is an environmental biotechnology company which manufactures a comprehensive line of high efficiency, biologically-based, air pollution control systems that are used to eliminate odors, H<sub>2</sub>S, NH<sub>3</sub>, TRS, VOCs and other hazardous air pollutants. With more than 500 installed systems worldwide, and over 15 years of experience, BIOREM® not only offers state-of-the-art technology based products but provides engineered solutions for total odor and VOC control.*

[www.biorem.biz](http://www.biorem.biz)

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