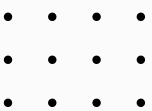


Odour-Free Air, Naturally

# Biofilters for Industrial Odour Control



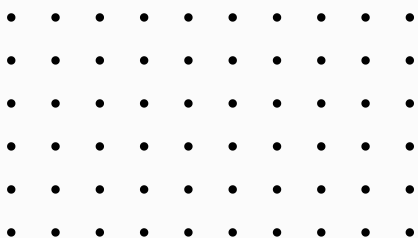
# What is a Biofilter?

**Biofilters are natural air treatment systems that eliminate odours using beneficial microbes.**

They destruct the odour causing compounds such as..

- ◆ Hydrogen Sulphide ( $H_2S$ )
- ◆ Ammonia ( $NH_3$ )
- ◆ Mercaptans
- ◆ Volatile Organic Compounds (VOCs)  
etc....

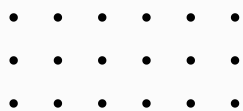
And make the area odour free.



# Innovative Systems Engineered by Elixir

## Our Biofilter Range:

- ✓ EES BioGuard Biofilters
- ✓ Multi-Storey Biofilters
- ✓ EES-BioCube Biofilter
- ✓ EES-Rapid High Rate Biofilters



# EES-BioGuard Biofilters



The EES-BioGuard Biofilter is a traditional, fixed-bed system that uses a single-storey biofilter to treat odorous air.

The innovative biofilter media from EES makes this unit special. The proprietary media such as the *Cocofil<sup>®</sup>25* & *Cocofil<sup>®</sup>30*, makes the system unique. It is highly effective in industries such as solid waste treatment plant, fishmeal, rendering plants, paper mills, municipal wastewater treatment, reclaimed rubber units, etc.

This system is known for its low energy consumption, simple operation, and cost-effective performance.



# Multi-Storey (Two & Three-Storey) Biofilters

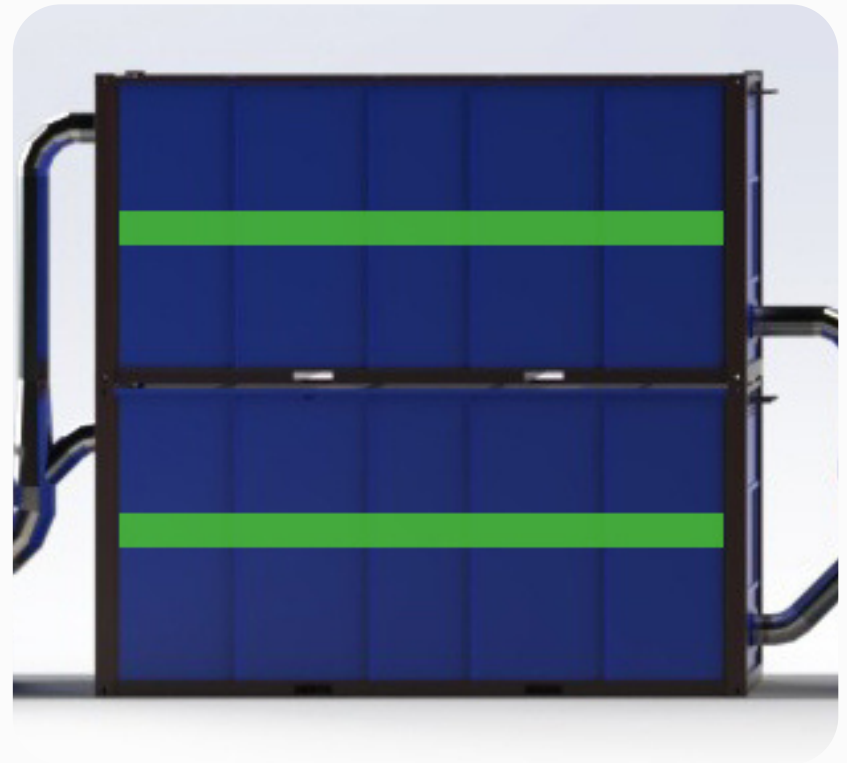
The Multi-Tier Biofilter design features two or three stacked filtration layers to increase surface area and improve contact time between air and media.

This design is ideal for industries operating in areas where space is limited but odour control requirements are high.

Multi-tier biofilters deliver enhanced performance within a compact footprint and ensure efficient, even airflow distribution.



# EES-BioCube Biofilters



EES-BioCube Modular Biofilters are containerized and fully portable, designed for quick installation and for its modularity.

They offer flexibility, scalability, and hassle-free maintenance, making them ideal for projects where the high intensity odour control is required and at the same time, footprint available for the installation is very small.

Using this unit, the modules can be stacked one over the other to get the required Odour Control while at the same time minimal area and time installation time is required.



# EES-Rapid High-Rate Biofilters



The EES-Rapid High-Rate Biofilters are engineered to handle high volumes of odorous emissions within a compact system.

They are specifically designed for industries such as waste management facilities, large scale feed manufacturing plants, plant ventilation air odour control etc. where emissions volume is very huge and continuous.

These biofilters deliver rapid and efficient odour control while minimizing downtime and operational complexity.

# Get in touch today for expert consultation and customized solutions for industrial odour control



## Phone

0495 3554262, +91 9995 821 471



## Mail

info@elixirenviro.in



## Website

www.elixirenviro.in

