Simple Effective Permanent
Our Company

Bohn Biofilter was founded 20 years ago on the basis of scientific data tested over years of research and application. In fact, the company’s founder—a soil chemist/physicist—has studied soil as a natural biofilter medium for more than three decades and is internationally recognized as an authority in the field.

Based in Tucson, Arizona, Bohn Biofilter supplies a complete system and all services for successful construction, operation and performance verification.

Our Customers

Today, there are over a hundred time-tested Bohn Biofilter systems effectively and reliably eliminating odors and other air emissions for municipalities and industries. Our customer applications include off-gases from wastewater treatment plants, landfills, food processing facilities, petroleum refining and handling, and many industrial solvents. And our systems have proven their rugged efficiency in diverse climate conditions—from Phoenix to Shanghai.

Our Product

Simple.

The biofiltration process harnesses the natural cycle of biodegradation. Quite simply, odorous or contaminated air is first collected from the source and then dispersed through the biofilter.

Within the biofilter media, an ecosystem of naturally occurring microbes then eliminates the gas compounds through bio-oxidation.

These microbes effectively metabolize the compounds producing only small amounts of water and carbon dioxide as by-products. The process is safe, natural, and non-hazardous.

We are dedicated to improving the quality of life in the communities we serve. We are proud to offer a product that is both environmentally responsible and advantageous to the businesses that use it.
Effective.

The most important component of the biofiltration process is the filter medium. For our medium, we analyze materials native to your locale and engineer a blend of soil products with an enhanced microbial population. Each mixture is adjusted for mineral content, permeability, particle size and pH factors.

The physical and chemical properties of the medium make our biofilter the most efficient available. And the medium is stable for decades. This means stable airflow, consistent back pressure and even air distribution.

Our meticulous, scientific design assures an active and productive microbial environment and the elimination of odors and volatile organic compounds. We guarantee the effectiveness of each installation!

Permanent.

Enjoy the peace of mind that comes with a permanent solution. Your initial build is the only one. No filter changes. No chemical or nutrient additions. No pumps to maintain. And no neighbors complaining. Odor control is guaranteed.

Maintenance and operating costs are low—and remain low—throughout the unlimited lifetime of your Bohn biofilter.

For more information on our systems, please visit our website at www.bohnbiofilter.com.
Our Systems

Standard Biofilters

- Rugged and reliable
- Many layouts
- Concrete containment option

Modular Biofilters

- Small footprint, big impact
- Pre-packaged biofilter
- 250 - 1,500 cfm

Custom Biofilters

- Grass or rock covers
- On rooftops
- Driveable surfaces

“As Chief Plant Operator at OMI, facility operations for the Fairfield/Suisun Sewer District, I witness an operating Bohn Biofilter every day and have been very pleased with its reliability and efficiency.”

(Victoria Caulfield, Chief Plant Operator, OMI, Fairfield/Suisun WWTP, Fairfield, California)

“Our Bohn Biofilter eliminated the neighbor’s odor complaints even during our coldest months. We’ve been very pleased right from the start.”

(Bob Lannon, Environmental Manager, Cummins Engine Company, Lakewood, New York)

“The Bohn biofilter effectively handles our odor control problems. It is a low maintenance, highly efficient process unit. Everything else should work as well.”

(Jim Dickinson, Chief Operator, City of Camas, Camas, Washington)

BOHN BIOFILTER
Odor and Air Emissions Control
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