

PENTPACK

Engineered Solutions for Total Odor and VOC Control

PENTPACK

The BIOCUBE® system uses a unique all natural media along with the patented modular tray design that is reliable and virtually maintenance free.

The Pentpack odor control system provides a turnkey solution for removing H₂S, NH₃ and TRS gases from wastewater pumping and lift stations. The Pentpack consists of five patented biofiltration media trays stacked into a compact footprint. The Pentpack's modular design allows the same technology to be used for both large and small applications.



PENTPACK Applications:

- Lift Stations
- Pumping Stations
- Wastewater Treatment Plants



PENTPACK

Efficiency, Flexibility and Economy

FEATURE

BENEFIT

Modular Design

Allows for air flows up to 150 cfm (255 m³/hr). For larger air flows, the design allows manifolding several biofilter units together for larger installations up to 1000 cfm (1699 m³/hr).

Biomedia

Compost based media is a unique all natural formula which combines nutrients, absorbents and pH buffers to deliver extended 3 to 5 year media life and greater than 99% H₂S removal efficiency.

Media Compaction Resistance

The patented tray design eliminates compaction and channeling of the biomedia. Rigid wall construction and a strong center column independently support each tray so that it cannot compress the media in the tray below it.

UV Stabilized Molded Plastic Trays

Corrosion resistant, rotationally molded plastic trays are constructed from a UV stabilized HDPE formula that protects against the sun's harmful rays in outdoor installations.

Airflow Applications

Ideally suited for air flows as high as 1000 cfm (1699 m³/hr) with required H₂S removal efficiencies greater than 99%.

All Climate Construction

The double walled trays are filled with a closed cell polyurethane foam insulation to maintain an optimal operating temperature.

Sealed Construction

Neoprene o-rings provide an air tight seal between the trays preventing infiltration of dilution air.

High Efficiency Plenum

Designed to distribute the air evenly to maximize media utilization, minimize pressure drop and eliminate channeling.

Warranty

Limited 1 year warranty.



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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, H₂S, NH₃, 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.

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