

## 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 H<sub>2</sub>S, NH<sub>3</sub> 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



FEATURE	BENEFIT
<b>Modular Design</b>	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).
<b>Biomedia</b>	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.
<b>Media Compaction Resistance</b>	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.
<b>UV Stabilized Molded Plastic Trays</b>	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.
<b>Airflow Applications</b>	Ideally suited for air flows as high as 1000 cfm (1699 m3/hr) with required H2S removal efficiencies greater than 99%.
<b>All Climate Construction</b>	The double walled trays are filled with a closed cell polyurethane foam insulation to maintain an optimal operating temperature.
<b>Sealed Construction</b>	Neoprene o-rings provide an air tight seal between the trays preventing infiltration of dilution air.
<b>High Efficiency Plenum</b>	Designed to distribute the air evenly to maximize media utilization, minimize pressure drop and eliminate channeling.
<b>Warranty</b>	Limited 1 year warranty.



*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.*

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