

LS 100

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

The LS-100 odor control system provides a turnkey solution for removing H₂S, NH₃ and TRS gases from wastewater pumping and lift stations. It is a completely self-contained biofilter system on a compact 7' x 7' footprint, making biofiltration possible for sites where in ground systems will not fit.

**LS 100 Applications:**

- Lift Stations
- Pumping Stations
- Wastewater Treatment Plants



FEATURE	BENEFIT
Compact Design	Allows for H ₂ S concentrations from 15 to 90 ppm. and air flows of 50 to 100 cfm (85 m ³ /hr - 170 m ³ /hr), all in a compact 7'x7' footprint.
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% H ₂ S 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	Air flows as high as 100 cfm (170 m ³ /hr).
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	1 year limited 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, 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.

www.biorem.biz

CANADA

7496 Wellington Road 34, RR#3
Guelph, Ontario, Canada N1H 6H9
Toll Free: 1.800.353.2087 • Tel: 519.767.9100
Fax: 519.767.1824 • Email: info@biorem.biz

UNITED STATES

100 Rawson Road, STE 230
Victor, NY, 14564
Toll Free: 1.877.299.2108
Tel: 519.767.9100 • Fax: 519.767.1824