

ZI-BIOX[®]

MEMBRANE BIOREACTOR (MBR)



OVERVIEW

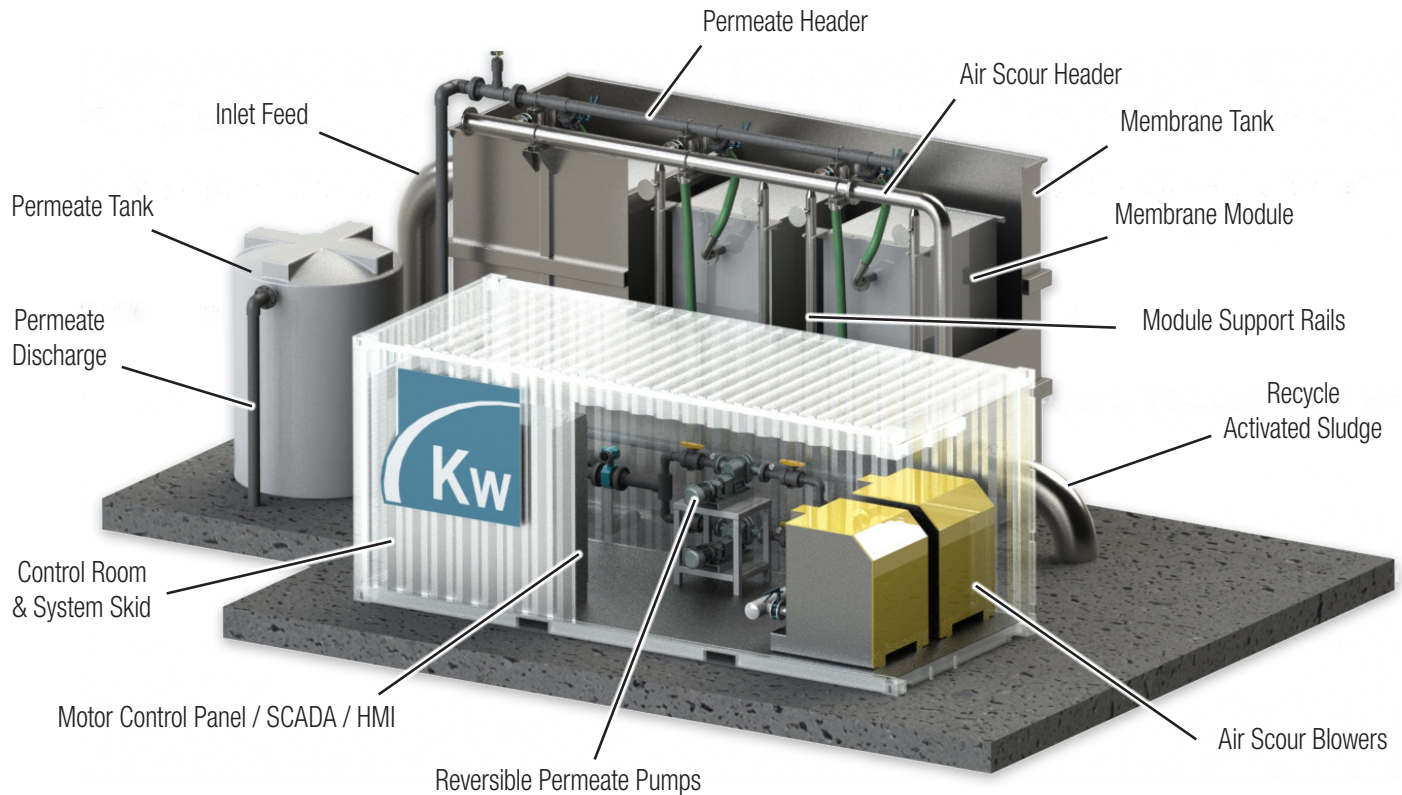
Designed and manufactured in the USA, the Zi-Biox[®] Membrane Bioreactor (MBR), by Kusters Water, is a complete front-to-back treatment system. Designed from the ground up to meet the demanding loads of industrial wastewater, Zi-Biox[®] MBRs are tailored to meet each user's unique wastewater streams. The Zi-Biox[®] aerobic MBR meets the highest treatment standards within the smallest footprint, integrating mechanical simplicity with modern connectivity to eliminate operational headaches. Zi-Biox[®] MBR is the treatment plant that works for you.

FEATURES

- Modular hydraulic design for maximum space efficiency
- Retrofit into or alongside existing treatment systems and tankage
- Automated, in-situ clean-in-place (CIP)
- Best available technology for water reuse
- Complete system includes options for additional treatment, flow expansion, sludge storage, & more
- Experienced technical personnel and remote support
- System, process, and performance guarantees available
- BIO-CEL[®] membrane module platform operating in 230+ plants worldwide
- Zi-Biox[®] MBR systems are designed, fabricated, and assembled in the USA



KUSTERS WATER
a division of KUSTERS ZIMA



MATERIALS

Materials of Construction

- SS Sch 10 air piping, PVC Sch 80 piping, painted steel tanks & skids

Membranes

- Membrane Module: BIO-CEL® by MICRODYN-NADIR
- Type: Immersed UF, Flexible Flat Sheet with backwash capability
- Material: Polyethersulfone (PES)

MBR Proven Applications

- | | |
|--------------------------------|---------------------------------|
| • Brewery | • Meat Processing |
| • Canning | • Park / Resort / Travel Center |
| • Cheese Production | • Pet Foods |
| • Chemical Processing | • Pharmaceutical Production |
| • Distillery | • Poultry Processing |
| • Domestic Wastewater | • Prepared Foods |
| • Fruit / Vegetable Processing | • Rendering |
| • Fruit Juice Production | • Seafood Processing |
| • Landfill Leachate | • Soft Drink |
| • Malt Production | • Sludge Thickening |
| • Man Camps | • Winery |

For more information, call **864.576.0660**
or visit kusterswater.com



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