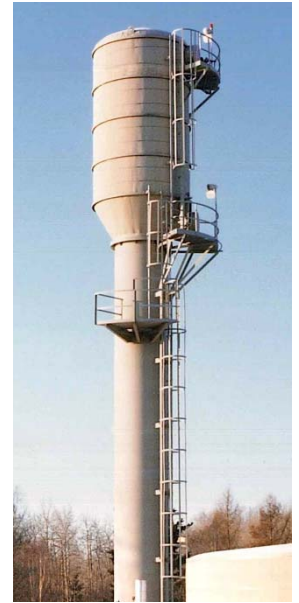
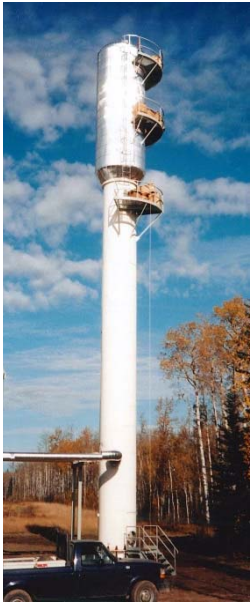


Vacuum Deaerators

ECODYNE Limited



Ecodyne vacuum deaerators are primarily used to remove oxygen and other dissolved gases from cold water systems when a steam source is not available.

The vacuum deaerator is designed to provide a large interface surface area to maximize the rate of transfer of dissolved gas from liquid phase to vapour phase.

Inlet water is first evenly distributed into the vapour space above the packing with an inlet pipe distributor. It then splashes and flows over the packing which has a greater surface area that increases contact time and promotes effective mass transfer.

Design Features

- Capacity that meets your specification
- Oxygen reduced to 0.050 ppm or less in the outlet stream
- Carbon dioxide reduced to negligible concentration in the outlet stream

Our Customers

- Albion Sands Energy Inc.
- Imperial Oil Ltd.
- Suncor Energy Inc.
- Shell
- K&S Potash
- Husky Energy Inc.
- Transalta Energy Corporation
- Irving Oil Ltd.
- Bayer Corporation

- **One or two stage systems utilizing packed columns.**
- **Packing provides large vapour-liquid interface to promote the transfer of dissolved gas.**
- **High vacuum achieved by ejectors and/or vacuum pumps.**
- **Integral storage tank.**
- **Tower and storage tank are elevated by a skirt to provide sufficient head for pump suction.**

Contact Us

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