



# RetrievOx<sup>TM</sup>

## Aeration Technology

### Benefits

- Accessibility to diffusers without dewatering
- Eliminates down time
- Operator friendly

The RetrievoX™ aeration system is an aeration device utilized in numerous wastewater treatment applications including biological processes, sludge digestion, holding tanks, and post aeration. Each RetrievoX™ assembly consists of a grid of tubular fine bubble diffusers, guide track, and hoisting mechanism. The grids are located around the perimeter of the tank for access from walkways or work platforms. A portable electric winch is utilized to raise the diffuser grid to the top of the tank where it is accessible by plant staff for inspection, cleaning, and replacement of diffusers.

The RetrievoX™ aeration technology eliminates the need to de-water tanks in order to access fine bubble aeration diffusers for cleaning and / or replacement. The ability to access the aeration system without taking tanks offline eliminates disruption of normal wastewater processing through the facility when maintenance of fine bubble diffusers is required.

Each RetrievoX™ grid can accommodate up to 25 pairs of tubular diffusers and can deliver varying amounts of air up to 400 SCFM. For larger tanks, the RetrievoX™ system is used in conjunction with center mixer(s) to keep air delivery spread across the entire tank profile.

Materials of construction include a combination of stainless steel and galvanized steel components for corrosion resistance. All stainless steel designs can also be provided.

The RetrievoX™ system is also available in coarse bubble diffuser configurations.



## Features

- Utilizes fine pore aeration
- High oxygen transfer efficiency
- Variable air rates
- Custom designs available for any tank configuration
- Corrosion resistant materials of construction
- Available in both fine bubble and coarse bubble designs