

DO₂E HIGH VOLUME FLOATING AERATOR/MIXER



DO₂E has developed a super-efficient Floating Aerator/ Mixer with NO moving parts, for lagoons, aeration basins, and ponds. Driven by a land based, low pressure, high volume regenerative blower with no belts, couplings, or oil, the aerator/mixer is virtually maintenance free outside of periodic air filter cleaning.

Delivered to the unit by a weather-resistant hose, high volume air is released in a confined space at a fixed depth through a combination of fine air and micro-bubble diffusers. The air rising through the unit creates a strong 'Venturi' effect which provides excellent oxygen transfer and moves tremendous amounts of water in a horizontal current. This effect, in turn, provides outstanding mixing and de-stratification.

BENEFITS

01

Economical - replaces outdated and energy monger commercial mixers and aerators

02

High volume mixer

03

De-stratifies water columns

04

Low energy usage compared to other surface aerators

05

Low to no maintenance required

ADDITIONAL BENEFITS

06

Reduces sludge
(% reduction range from
40%-75%)

07

Reduces H₂S and ammonia
levels

08

Chemical free

09

Low Noise

10

User friendly



1/3

THE ENERGY CONSUMPTION
OF OTHER AERATOR SYSTEMS!

The DO₂E Floating Aerator/Mixer requires less than 3 PSI to operate which significantly reduces energy costs and imparts considerably less heat into the air, lowering water temperatures and increasing O₂ transfer.

All maintenance to the aerator is performed on land. The unit can easily be installed or removed with the use of a crane using our optional lifting handle.

With NO boat access or draining of the lagoon, and no electrical power on the water, this is the most versatile, energy efficient, safest, and easiest to maintain aerator/mixer system on the market today.

**"COMPARED WITH OUR OLD SYSTEM
WE'RE NOW SAVING 85% ON OUR ANNUAL
ENERGY COSTS."**

~DARLENE JOHNSON
WASTEWATER SUPERINTENDENT
CITY OF MONROEVILLE, AL 2014

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OF OUR INNOVATIVE TECHNOLOGIES

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4