

Aire-O2® – 2.0 - Triton Aerator key features

- High oxygen transfer efficiency – Increased Mixing capacity by 54%.
- Increased aeration capacity by upto 20%.
- Increased energy savings – Lowered power consumption by 18%.
- Fine bubble aeration – Upto 2.2mm bubble size diffused air system.
- Small foot print - Deep mixing capability up to 11 meters depth.
- Dual functionality - Nitrification and Denitrification capabilities.
- High velocity horizontal mixing – Better dispersion & directional control with no splashes and reduced aerosol.
- Low maintenance, easy retrofitting & maintenance.
- Aerator capacity Ranges from 5Hp to 70Hp.

Trusted Way to Deliver Oxygen

Keyed Connection

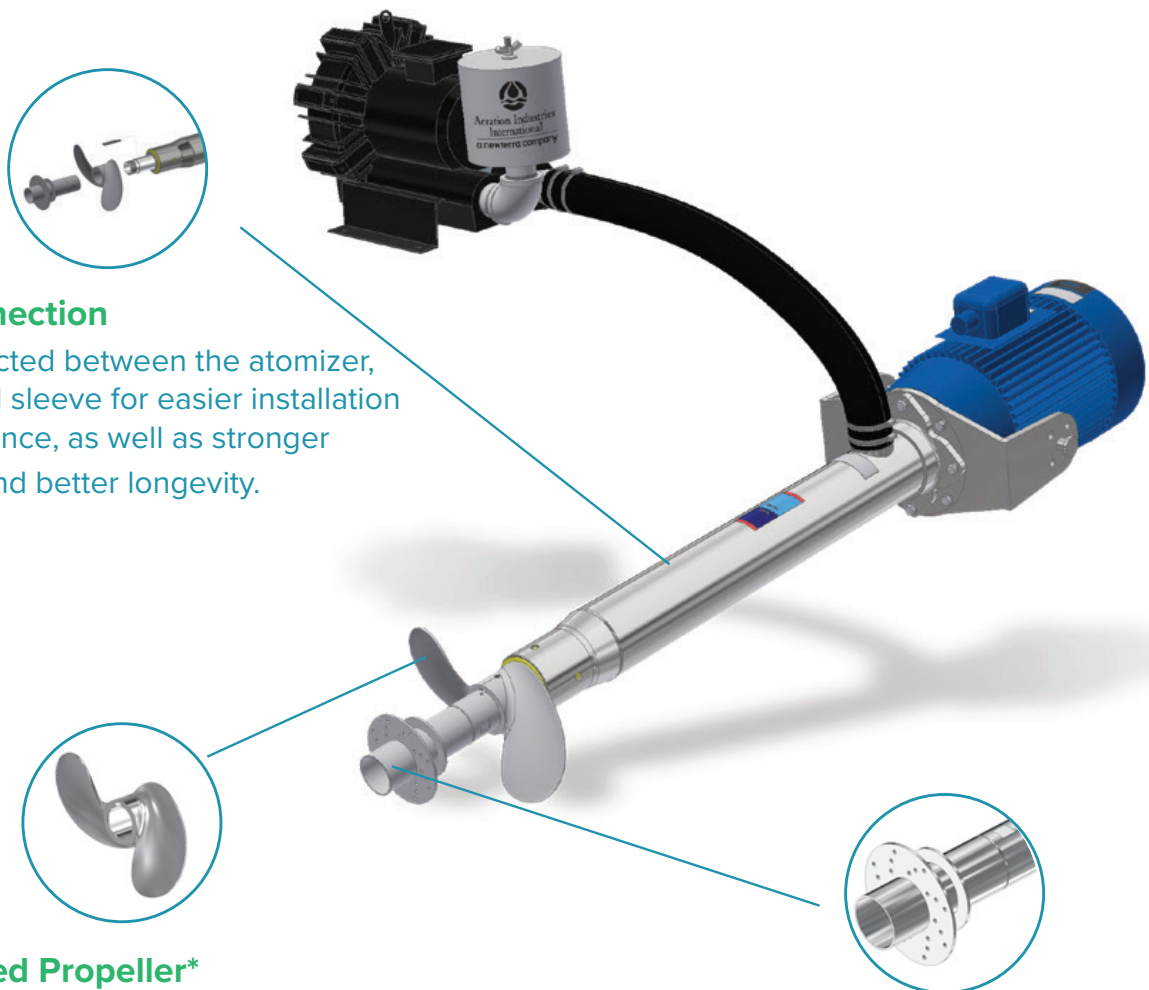
Keyed connected between the atomizer, propeller, and sleeve for easier installation and maintenance, as well as stronger connection and better longevity.

Optimized Propeller*

Fully optimized propeller for better aeration efficiency and higher mixing capacity.

Enhanced Atomizer*

Newly enhanced atomizer for optimized oxygen transfer.



Flexible Mounting Solutions

- Wall Mount
- Universal Mount
- Bridge mount
- Float mount

Applications

- Municipal Sewage
- Industrial Effluent
- Aquaculture
- Lakes/Rivers Cleaning
- Pumping Stations

Comparison of Aire-O2 Triton with other conventional aeration systems

TRITON Outperforms Conventional Systems In Every Important Area

	Aeration Industries' AIRE-O ₂ TRITON®	High Speed Surface Splashers	Blower Assist Aerators	Diffused Air Systems	Disk/Rotor Systems
Nitrification	Yes	Yes	Yes	Yes	Yes
Denitrification	Yes	No (a)	No (a)	No (a)	No (a)
Dual-Function	Yes	No	No	No	No
BNR	Yes	No	No	No	No
Aerosol Reduction	Yes	No	Yes	Yes	No
Mixing Velocities	1.0 ft/sec (0.305 m/sec)	<0.25 ft/sec (0.076 m/sec)	<0.35 ft/sec (0.107 m/sec)	N/A (b)	1.0 ft/sec
Induced Flow	Yes	No	Minimal	No	No
Warranty Period	years, no pro-rating	1 yr. pro-rated	1 yr. pro-rated	1 yr. pro-rated	1 yr. pro-rated
On Site Serviceable	Yes	No	Yes	No	No
Motor Speed	Low	High	High	N/A	Low
Gear Reducer	No	No	No	N/A	Yes
Noise Level	Low	High	Low	High	High

(a) Requires separate mixer.

(b) Due to vertical mixing pattern, full floor coverage required and no data available.