

Expanded
AEROMIX
Product Line
Includes
All Major
Wastewater
Aeration
Technologies

TYPHOON™

High Speed Surface Aerator

Excellent Oxygen Transfer.

The proven TYPHOON™ High Speed Surface Aerator provides high oxygen transfer rates, quality and long lasting performance. Featuring a refined high-efficiency design, the TYPHOON Aerator produces high pumping rates with a low trajectory for intense air-to-water mixing, resulting in excellent oxygen transfer rates.

TYPHOON Aerators are ideally suited for use with other aeration and mixing technologies. Models are available from 2 to 100 horsepower (1.5 to 75 kW) at 50 or 60 hertz. AEROMIX can recommend configurations best suited for your application.

Typical Large TYPHOON Aerator Lagoon Installation



TYPHOON Aerator (Stainless Steel or FRP Floats Available)

Extensive Applications.

TYPHOON High Speed Surface Aerators add oxygen and mixing in a wide range of applications, including:

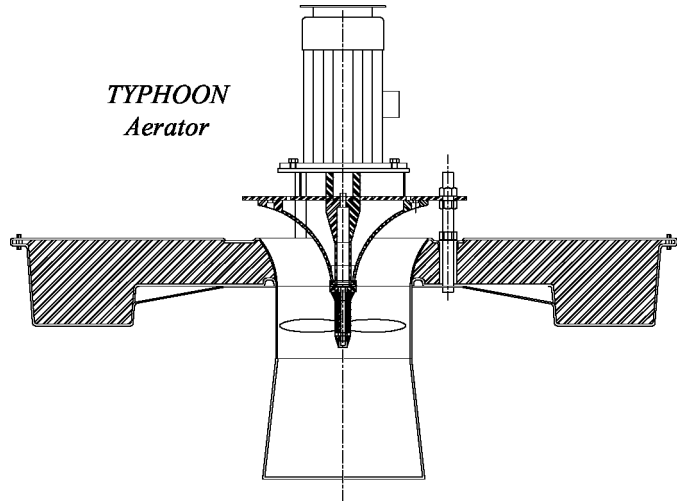
- * Wastewater Treatment
- * Leachate Treatment
- * Supplemental Aeration
- * Sequencing Batch Reactors

Built To Last.

Ideal for wastewater treatment and supplemental aeration, the TYPHOON Aerator provides unmatched durability.

Motors are available worldwide and can be supplied to meet any power requirement. To ensure an extremely long life, all motors are watertight and feature a cast iron frame, oversized bearings, epoxy or triple impregnated windings and thermal probe protection. All motor supports and fasteners are stainless steel for excellent corrosion resistance. Motors can be either long-shaft or coupled-shaft standard motors depending on your needs. The diffusion head, a solid one-piece custom designed composite, reduces drag and produces low water trajectory.

*TYPHOON
Aerator*



High Pumping Rates. Low Trajectory.

Float mounted on the water surface, the TYPHOON Aerators submerged propeller is affixed to the lower end of the motor shaft. The rotating propeller draws water up through the intake cone and projects it outward, above the water line. The fine droplet spray causes low trajectory intense air-to-water mixing, resulting in excellent oxygen transfer.

Mechanical Reliability.

Proprietary engineering and meticulous construction specifications ensure that the TYPHOON Aerator runs right from the beginning and keeps running without time-consuming maintenance.

In addition, factory testing for each TYPHOON High Speed Surface Aerator checks and rechecks that the equipment meets the AEROMIX stringent standards for quality. Each aerator is factory tested for correct operation, lubrication, operating temperature, lack of vibration and dry amp draw.

Flotation.

Float mounted on the water surface the unit is sized and stable to support the operating equipment without the need for counter balancing or ballasts. Floats are fabricated of stainless steel or FRP (fiberglass reinforced plastic). Standard mooring attachments ensure stability and eliminate any potential flexing or twisting stresses. All floats are foam filled with water resistant closed cell polymer foam. The central part of the float is designed as a smooth transition and unrestricted pathway for water flow to the diffuser.

Aeration Knowledge. Wide Range Of Products.

AEROMIX is your aeration expert. We offer all major wastewater aeration technologies and the expertise to help you select and apply the equipment best suited for your application. Let our technical experts assist you in proper sizing, layout, and operation of your aeration system.



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Rental units available.

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