

AEROMIX® Submersible Aspirating Aerator

The AEROMIX Submersible Aspirating Aerator is part of the comprehensive line of AEROMIX Water Quality Management Products available to meet all your aeration and mixing needs. The products increase dissolved oxygen levels and induce circulation for total pond treatment. This combination dramatically improves the quality and appearance of a water body.



AEROMIX Submersible Aspirating Aerators address both aeration and mixing requirements in one package. They operate silently submerged on the pond bottom to assist the natural aquatic rejuvenation process. Increasing dissolved oxygen levels and providing needed circulation, they maintain aerobic conditions throughout the water column.

Water movement past the venturi draws air into the nozzle from an air hose leading to the water surface. The fine bubble discharge thoroughly mixes the oxygen with the water, destratifies, and provides horizontal circulation. Algae growth is limited, while decomposition of organic wastes and runoff nutrients is stimulated.

AEROMIX Submersible Aerators can be used alone, in groups, or in conjunction with other types of water management. Units begin treatment immediately. With nothing visible from the surface, they inconspicuously blend with almost any aquatic environment.

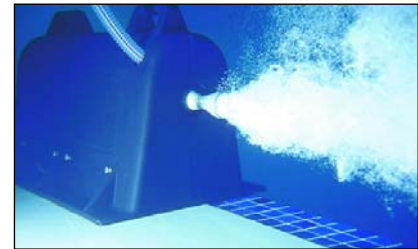
BENEFITS

Creates horizontal water movement which limits algae growth and distributes oxygen over a wide area.

Operates inconspicuously with no equipment or float visible on the water surface.

Directs circulation, treating hard-to-reach areas.

Portable and easy to install by one person.



APPLICATIONS

Ideally suited for ponds and lakes as shallow as 2 feet (0.6 meters) deep.

Maintains ice-free areas in winter for wildlife and prevents ice damage to in-water structures.

Reduces bottom muck for a healthier aquatic environment.

Controls algae and foul aquatic odors.

Adds oxygen to prevent fish kills.

Maintains high quality water for use with irrigation systems to reduce clogging.



Fountains /
Commercial & Residential

Bioaugmentation

Diffused Air
Systems

Surface Aerators

Submersible Aerator

Horse-power	Voltage/Phase	Amp Draw**	Shipping Weight (lbs)*	Shipping Dimensions (inches)*	Pond Volume Influenced*	Minimum Operating Depth
1/2	115 / 1	9.6	115	40 x 32.5 x 25	65,000 ft ³	2 feet
1/2	230 / 1	4.8	115	40 x 32.5 x 25	65,000 ft ³	2 feet
1/2	200 / 3	2.8	115	40 x 32.5 x 25	65,000 ft ³	2 feet
1/2	230 / 3	2.3	115	40 x 32.5 x 25	65,000 ft ³	2 feet
1/2	460 / 3	1.2	115	40 x 32.5 x 25	65,000 ft ³	2 feet
1	230 / 1	8.2	125	40 x 32.5 x 25	130,500 ft ³	2 feet
1	200 / 3	4.5	125	40 x 32.5 x 25	130,500 ft ³	2 feet
1	230 / 3	3.9	125	40 x 32.5 x 25	130,500 ft ³	2 feet
1	460 / 3	2.0	125	40 x 32.5 x 25	130,500 ft ³	2 feet
2	230 / 1	10.0	135	40 x 32.5 x 25	261,000 ft ³	2 feet
2	200 / 3	7.8	135	40 x 32.5 x 25	261,000 ft ³	2 feet
2	230 / 3	6.8	135	40 x 32.5 x 25	261,000 ft ³	2 feet
2	460 / 3	3.4	135	40 x 32.5 x 25	261,000 ft ³	2 feet

* *Actual number may vary with motor type and manufacturer.

* Numbers are approximate.

POND VOLUME INFLUENCED refers to the volume of water in which circulation and oxygen dispersion are evident. Based on an average pond depth of 6 feet (1.8 meters).

Submersible Aerator / Pump

All stainless steel construction is used for ultimate corrosion resistance. The rugged design provides superior reliability with minimal maintenance.

Aerator Housing

A durable polyethylene outer housing incorporates water intake slots to keep debris out.

Power Control Panel

Quality NEMA-4X control panel is complete with fused disconnect, magnetic starter, hand-off auto switch timer. Ground Fault Interrupt (GFI) Power control panel components are UL and CSA safety tested.