

AEROMIX® Surface Aspirating Aerator

Water bodies often need to be functional, as well as aesthetically appealing. The addition of dissolved oxygen can dramatically improve the quality of a water body. The comprehensive line of AEROMIX Water Quality Management Products is the answer to all your aeration and mixing needs.



AEROMIX Surface Aspirating Aerators address both aeration and mixing requirements in one package, providing complete water quality management. The aerators work to assist the natural aquatic rejuvenation process by increasing dissolved oxygen levels, providing needed circulation, and maintaining aerobic conditions throughout the water column. Float-mounted on the water surface, the aerator injects air at a high velocity into the water at the propeller hub. The turbulence and flow created by the propeller breaks-up the air bubbles, mixes, and disperses oxygen over a wide area. The horizontal water movement greatly limits algae growth, while stimulating decomposition of organic wastes and runoff nutrients from surrounding green areas.

Ideal for medium depth ponds, the aerators can be used alone, in groups, or in conjunction with other AEROMIX aerators. These lightweight units are easily installed and begin treatment immediately. They can be purchased individually, or as a complete package with all recommended accessories. Decorative, lightweight, simulated rock covers, coupled with no spraying or splashing from the aerator, allow these aerators to inconspicuously blend with most any aquatic environment.



Fountains /
Commercial & Residential

Bioaugmentation

Diffused Air
Systems

Submersible Aerators

BENEFITS

Creates effective horizontal water movement to limit algae growth and distribute oxygen over a wide area.

Operates quietly without spraying or splashing for year-round performance.

Reduces odors by injecting oxygen and providing water movement.

Directs circulation into most any area as the aerator angle adjusts to control the amount of circulation and depth of bubble stream.

Easy to move and install by one person (we recommend a registered electrician do all wiring).

APPLICATIONS

Ideally suited for ponds and lakes from four to fifteen feet deep.

Maintaining ice-free areas in winter for wildlife and preventing ice damage to in-water structures.

Reducing bottom muck for a healthier aquatic environment.

Controlling algae and foul aquatic odors.

Adding oxygen to prevent fish kills.

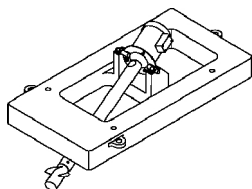
Maintaining high quality water for use with irrigation systems.

The complete AEROMIX Surface Aspirating Aerator package includes everything needed to begin operation, including: aerator, float, power control panel, rock cover, mooring line, and submersible electrical cable. Major AquaScope components are UL and CSA listed.

Horse-Power	Voltage/Phase	Amp Draw**	Shipping Weight (lbs)*	Shipping Dimensions (Inches)*	Pond Volume Influenced*	Minimum Operating Depth	Oxygen Transfer Rate*
2	115 / 1	22.0	130	63 x 12 x 32	260,000 ft ³	4 feet	2.5 lbs / hp / hr
2	208 / 1	11.2	130	63 x 12 x 32	260,000 ft ³	4 feet	2.5 lbs / hp / hr
2	230 / 1	11.0	130	63 x 12 x 32	260,000 ft ³	4 feet	2.5 lbs / hp / hr
2	208 / 3	5.8	100	63 x 12 x 32	260,000 ft ³	4 feet	2.5 lbs / hp / hr
2	230 / 3	5.6	100	63 x 12 x 32	260,000 ft ³	4 feet	2.5 lbs / hp / hr
2	460 / 3	2.8	100	63 x 12 x 32	260,000 ft ³	4 feet	2.5 lbs / hp / hr
3	208 / 3	7.6	118	63 x 12 x 32	390,000 ft ³	4 feet	2.5 lbs / hp / hr
3	230 / 3	7.4	118	63 x 12 x 32	390,000 ft ³	4 feet	2.5 lbs / hp / hr
3	460 / 3	3.7	118	63 x 12 x 32	390,000 ft ³	4 feet	2.5 lbs / hp / hr

** Actual number may vary with motor type and manufacturer. Numbers are approximate.

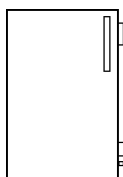
Aerator / Float System



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

The durable foam-filled float will not sink even if punctured. Made from ultraviolet resistant polyethylene. Overall dimensions of the float are: 30 inches (76 cm) wide, 60 inches (152 cm) long, 12 inches (30 cm) high. Includes attachments for easy mooring.

Power Control Panel



Quality NEMA-4X control panel complete with fused disconnect, magnetic starter, hand-off auto switch, ground fault interrupt and timers. Power control panel components are UL, CSA, and ETL safety tested.

Rock Cover



Decorative lightweight simulated rock covers, coupled with no spraying or splashing from the aerator, provide for inconspicuous operation.



Rugged Solutions in Water and Wastewater

AEROMIX Systems, Inc.
7135 Madison Ave. West
Minneapolis, MN 55427 U.S.A.

Ph: 800/879-3677, 763/746-8400

Fax: 736/746-8408

e-mail: aeromix@aeromix.com

web site: www.aeromix.com

Rental units available.

Patents Pending.

© 2007, AEROMIX Systems, Inc.