

# Aeration Systems / Rock Covers

The testimonials we have received from several satisfied pond owners that purchased one of these systems could be summed up by the following sentence.

"The aeration system we bought from you was the best investment towards our pond we could have ever made." - Mikayla.

"Your aeration system turned our old, unused pond into a beautiful addition to the backyard. We now can have pond parties again. Thanks again for all your help." - Russ

Our bottom bubblers have been engineered to be the best aeration system on the market. We use high quality components and have resisted cheaper replacement parts in order to give you the customer a worry free product. All aeration systems are not created equally. The following aeration systems use diffusers that are placed on the bottom of ponds. This helps destratify and circulates the stagnant water. Each system is comprised of three basic parts\*

- 1) Air compressor
- 2) Air hose
- 3) Air diffuser

The Air compressor sits on shore and pumps air out through the hose to the air diffuser located on the bottom of the pond. The result is millions of tiny bubbles rushing out of the diffuser to the pond surface, creating circulation and providing aeration.

There are several advantages to using diffused aeration kits instead of surface aerators (fountains). What these systems lack in above-water appearance, like fountains, they more than make up in creating / maintaining a clean and healthy pond.

- 1) Electric motor is on shore and not in the water. Only cost approx \$2.50 to run per month.
- 2) Air diffuser lays on bottom, ensuring aeration of the entire pond regardless of depth.
- 3) Helps clean the bottom of ponds by providing oxygen.
- 4) Reduces algae and pond weed growth
- 5) Different systems to accommodate different pond shapes and depths.
- 6) Improves water quality

All motors are designed for continuous duty and are oil-less for low maintenance. Periodic cleaning of the air filter and or replacement is necessary. We can build larger systems or customize any of our systems to accommodate your specific needs. Please call for assistance. The aeration system includes everything needed for installation and operation except for weights that are used to sink the buoyant materials. The tubing requires 3 lbs every 4 - 6 ft to sink. Self weighted tubing is available.

## Artificial Rocks

Air compressor motors need to be protected from the weather. You can build your own housing or select one of these covers. Check out these rocks! These decorative boulders are incredibly real looking and are a great choice for covering air compressors, water pumps, and pond landscaping. Each rock has a screened ventilation hole for fresh air. Upgrade to the power vent rock and reduce the wear and tear on the compressors due to excessive heat.

### Model

31" L x 26" W x 21" H Price - **Refer to order form**  
w/Power Vent



# Aeration Systems

**Air - O - Surge 1100** Rocking Piston air compressor kit for ponds 20ft - 35ft deep up to 3/4 acre.



Kit includes 100' poly tubing, 10" dome air diffuser w/check valve and underlay, fittings and clamps, 1/4 HP Rocking Piston Compressor, One yr warranty Draws 3.1 amps

Available in 115 volt  
Price: **Refer to order form**

**Air - O - Surge 3100**

***OUR BEST SELLING AERATOR***



High volume rotary vane compressor kit for ponds with maximum depth of 18ft and 1/3 to 1 acre. The triangulated design the diffusers are in, allows for the same amount of air to move more water.

Kit includes 100' poly tubing, One underlay w/3 10" dome air diffusers w/ check valves, fittings and clamps. 1/4 HP Rotary vane compressor, One yr warranty Draws 5 amps

Available in 115 or 230 volt  
Price: **Refer to order form**

**Air - O - Surge 2200**



High volume rotary vane compressor kit for ponds with maximum depth of 18ft and 3/4 acre or larger or 2 smaller ponds.

Kit includes 200' poly tubing, 2 valved outlets (to control air flow between diffusers), 2 underlays w/2 10" dome air diffusers on each, w/check valves, underlays, fittings and clamps. 1/4 HP Rotary vane compressor, One yr warranty Draws 5 amps

Available in 115 or 230 volt  
Price: **Refer To Order Form**

**Air - O - Surge 3100 or 2200 Upgrade** This compressor is for long runs of poly tubing (400 ft or more) or deep water (up to 40 ft) applications. With this upgrade you replace the 1/4 HP rotary vane compressor with 1/3 HP rocking piston compressor. Upgrade Includes: 1/3 HP Rocking Piston Compressor, One yr warranty, Draws 5.3 amps

Available in 115 volt  
Price: **Refer to Order form**



**Blaster 2400(not pictured)** 3/4 HP high volume rotary vane compressor kit for ponds with maximum depth of 18ft.

Kit includes 400' tubing, 4 valved outlets, 4 underlayments w/2 10" dome air diffusers on each, valved outlets, fittings and clamps, 3/4 HP Rotary vane compressor, One yr warranty Draws 6 amps

Available in 115 or 230 volt  
Price: **Refer To Order Form**

Other diffuser configurations and compressors are available just ask and we can design one specifically for your pond needs.