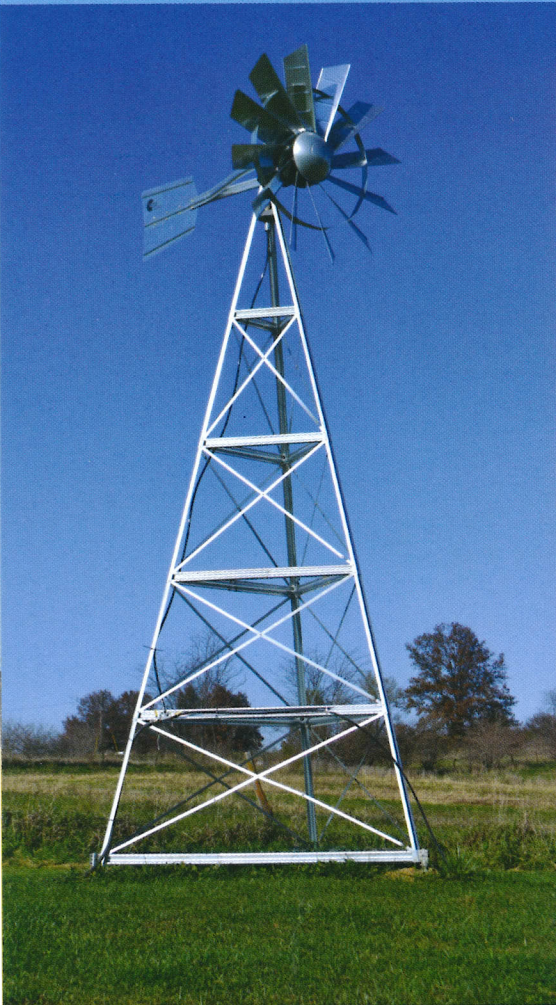


Wind Driven Aeration Systems

We worked together with a team of engineers to develop the most advanced technology for wind-driven aeration on the market today. Our new Balanced Camshaft "BalCam II" Technology revolutionizes the industry by significantly increasing the amount of air produced with a single diaphragm by balancing the workload on the three sealed bearings inside each compressor.



About the OWS Windmill:

- New "BalCam II" technology minimizes bearing fatigue using Stainless Steel Components
- Patent pending new design
- Fast & easy assembly
- Manufactured with 18-gauge galvanized steel
- Self-governing head to protect in heavy winds
- Secure locking mechanism that attaches windmill head to shaft
- Generates 3.0 – 4.5 CFM of air
- Rated at 30 PSI. This will allow you to aerate effectively up to 30' – 40' depth

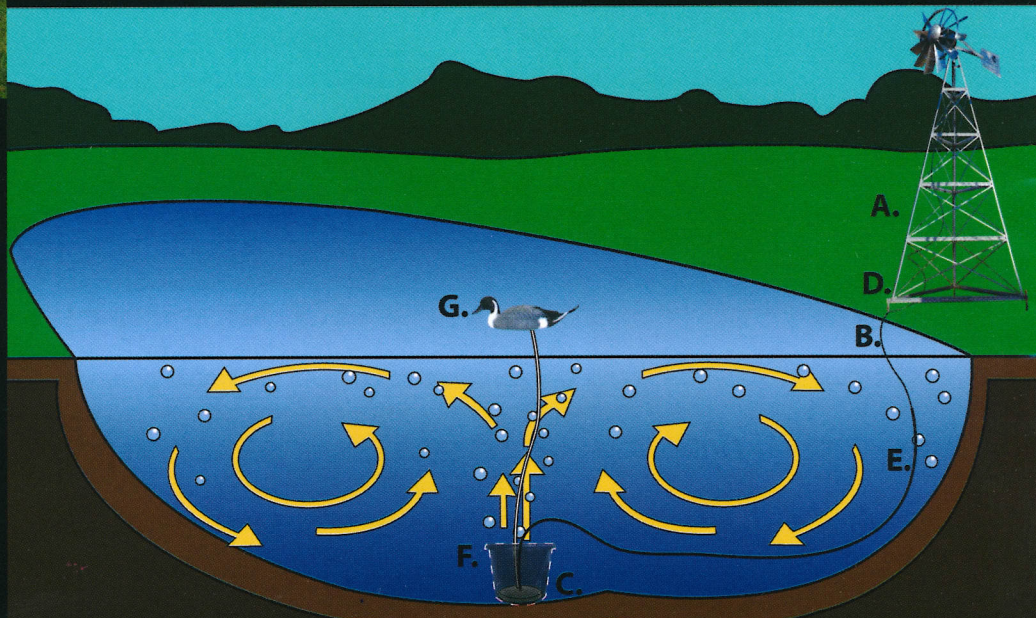


Outdoor Water Solutions has streamlined wind-driven aeration design & technology!

- Rounded Corners
- Large Compressor
- One-Piece Hub Assembly
- Offset Holes for Easier Alignment

- One system designed to aerate ¼ acre up to 3 acre ponds.
- Multiple systems can be installed for larger ponds or lakes.
- Operates in as little as 3-5 mph winds.
- Can be located up to 1,000 feet from your pond.
- Multiple tower options are available.
- Operates 100% fuel and electricity free!
- Improves your water ecosystem naturally with no additional cost.

How an OWS Aeration System Works:



- A – OWS Aeration Windmill
- B – Polytubing Air Line
- C – Diffuser Airstone
- D – Optional: Tower Hinges
- E – Optional: Weighted Air Line
- F – Optional: Airstone Housing Bucket
- G – Optional: Airstone Marker

Note: The basic system includes:
Windmill, Tower, 100' Polytubing Air Line, 1 Airstone & Assembly Manual

*See pages 12-13 for optional aeration accessory items.

Does your pond look like this?

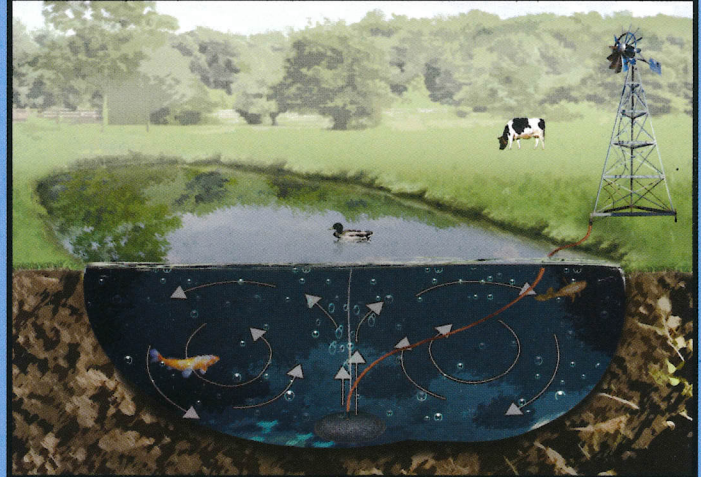


Ponds without oxygen can become stagnant, resulting in excess algae, muck on the bottom, and even fish kills.

Ponds without Aeration:

- Can become stale or stagnant
- Will tend to develop algae problems over time
- Tend to “turnover” in the spring or fall, which can cause fish kills
- Will have a build-up of excess muck and mud on the bottom
- Can freeze up in the winter months, causing fish kills
- Are not the most fun to fish in or swim in, due to algae or smell
- Not healthy for livestock or wildlife

Would you like it to look like this?



The process of aeration supplies the water with rich oxygen and removes excess nutrients and pollutants, making the entire body of water a healthy ecosystem.

Ponds with Aeration:

- All ponds benefit from aeration
- Circulates water from the bottom, which helps prevent pond “turnover” and fish kills
- Have less odor, algae, and bacteria due to increased oxygen and circulation
- Will see a reduction in muck and organic matter on the bottom
- Will increase the healthy living area for fish
- Can also hinder mosquito breeding and West Nile virus, due to water movement
- Safe and healthy for animals

Aeration Options

There are a lot of ways to add beneficial oxygen to your pond or lake. If you want continuous 24/7 aeration, then electric is the way to go provided you have electricity close to the pond. Most ponds do not have to be aerated continuously and benefit greatly from aeration 8 to 12 hours a day so wind, solar or a combination of the two works great. You can also combine wind or solar with an electric aerator using our control box so you only run the electric aerator when needed.

Bottom Diffused Aeration:

- Wind Driven Aeration
- Solar Aeration
- Electric Aerators

These three options offer bottom diffused aeration which is preferred for most ponds. These systems work by forcing air up from the bottom of the pond and circulating the whole body of water.

Shallow Aeration:

- Fountains
- DD Solar Aerators

Fountains can help add oxygen to ponds, especially ponds that are less than 6' deep.” Many customers combine bottom diffused aeration with a fountain to get both aesthetics and full pond aeration.

