

Benefits of Diffused Aeration

- Uniform temperatures
- Uniform oxygen levels
- Fish can use the entire pond all year long
- Improved water clarity
- Reversed aging effects
- Improved natural pond bacteria populations
- Fewer aquatic weed problems
- Improved fish habitat
- Less organic material accumulation
- Protection from winter and summer fish kills
- An enhanced pond ecosystem
- Reduced surface scum build-up
- A better swimming and recreation area

For years aeration was thought of as something you only needed if you had high fish loads in a pond. Through decades of working closely with pond owners it has been proven that aeration does far more. In fact, we consider aeration to be the single most important step in maintaining a healthy pond. All the fish waste, dead algae, leaves, etc. that fall to the pond bottom will only continue to build up unless there are good oxygen levels. Shallow ponds where the sunlight reaches the bottom and wind action helps stir the water can have adequate oxygen to the bottom in some cases but deeper ponds will seldom have good oxygen all the way to the bottom. A bottom mounted air diffuser can make a huge difference in a ponds health by bringing oxygen and circulation down where its needed the most - along the pond's bottom.



Perfect Aeration Companions

BACTERIA — The use of beneficial bacteria to aid in sediment removal has grown dramatically over recent years. These enzyme producing bacillus bacteria strains are ideal for breaking down organic waste that has built up along the pond or lake bottom. When used with aeration, to ensure adequate oxygen levels along the bottom, EasyPro pond bacteria have proven themselves effective for:

- Reducing sludge buildup
- Eliminating pond odors
- Reducing oxygen demand
- Eliminating excess nutrients
- Improving water clarity
- Being safe for fish, family and animals

Available in easy-to-apply water soluble packets or in pellet form for treating in select areas.



POND DYES — The use of fish safe dye is a common part of an overall pond maintenance program. Pond dyes may be applied directly into the pond (preferably in several locations). Upon complete dispersal these dyes are non staining and are fish, pet and wildlife safe. No water restrictions associated with the use of pond dye.

- This is a nontoxic and harmless pond dye for use in ponds and lakes
- Waters can be used for swimming and irrigation once product is dispersed
- Compatible with most aquatic herbicides and algacides



Distributed by

Diffused Aeration Specialists



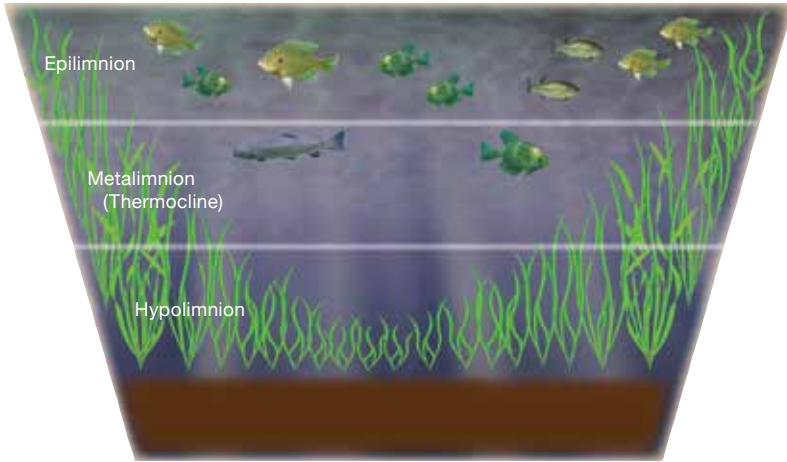
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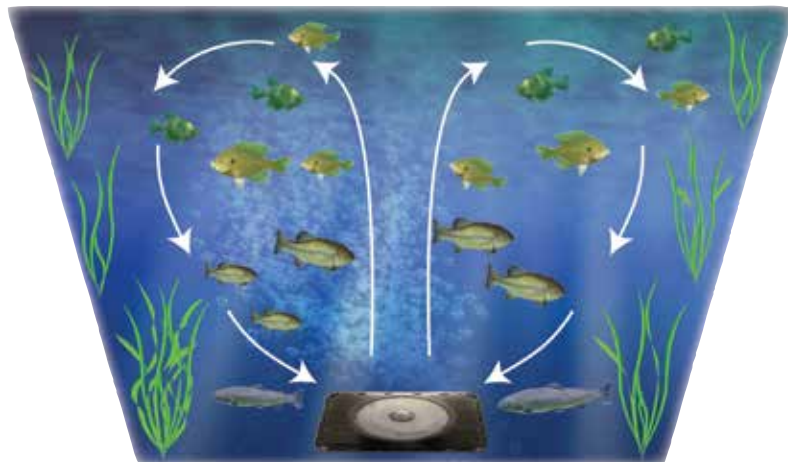
Ponds & Lakes Age

The older a body of water, the higher the organic muck and the higher total oxygen demand. Aeration can stop, and even reverse, the effects of aging. Oxygen is the "fuel for the engine" driving all biological and chemical processes in the water.

Installing aeration to your pond or lake is the single most valuable water management and water maintenance strategy a person can implement. The movement of oxygenated water from the bottom up provides a long list of benefits to your body of water.



STRATIFIED WITHOUT AERATION — Warm, typically oxygen rich water floats on top of a cooler and less oxygenated middle layer. The bottom of the pond is typically dense with weeds, cold and completely void of dissolved oxygen.



DE-STRATIFIED WITH AERATION — An aerated pond promotes uniform temperatures and dissolved oxygen levels. Aquatic life is healthy at all depths and the overall biological balance is improved.

Systems & Kits

From basic kits to deluxe kits to custom kits — we have a wide range of aeration options:

BASIC SYSTEMS — Basic aeration kits provide all the necessary components to aerate a pond. A compressor, tubing, diffuser(s) and fittings are sized to work together for a working aeration system in these basic kits. These kits will require additional weather protection for the compressor, but the kit as a whole provides a complete system.



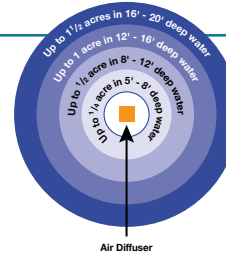
DELUXE SYSTEMS — Deluxe aeration kits provide all the components of the basic kits and include the mounting of the compressor in a deluxe cabinet. These systems are known as Sentinel Deluxe Aeration Systems. Sentinel systems are designed for convenience and reliability.



CUSTOMIZED SYSTEMS — The ability to customize a Basic or Deluxe version is also available if tubing or diffuser types need to be adjusted. Kits designed to be customized are designated in the part number.

Choosing the Right System

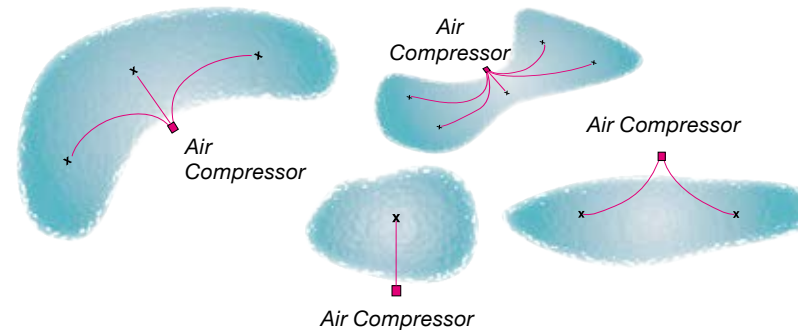
DEPTH — The deeper an air diffuser is located, the more boiling water action it will create and a larger area will be aerated. Call our technical assistance department for additional help.



Our PA34 pond aerator would aerate only 1/4 of an acre if operated in 5' deep water, while aerating up to 1 1/2 acres if operating in 16' - 20' of water.

Ponds that are irregular or odd shaped will also reduce size of aeration area — call our technical assistance department for additional help.

SHAPE — Pond shape affects the amount of diffusers needed. Irregular shaped ponds require multiple diffusers to adequately aerate entire water column.



Custom Design



EasyPro can custom design an aeration system for almost any application. The type of compressor, the length of tubing, the number of diffusers, etc. can all be mixed and matched to give you a system to fit your exact needs. Please contact us for design assistance.



Multiple ponds can be aerated using our dual compressor setup as shown above.

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About



With over four decades of experience, EasyPro Pond Products is a leader in the field of aeration. Whether your needs call for electric, solar or wind powered aeration — EasyPro has a system for you.

Through its network of dealers, EasyPro Pond Products can design and supply a aeration system for nearly any application from a small backyard water feature up to large lakes.

Let our decades of experience help you design your next aeration project!