



LAKE MANAGEMENT AERATORS AND FOUNTAINS

A growing global trend is to install surface or subsurface aerators in ponds or lakes that are less than 15 feet (5m) deep. Aerators provide the best vertical circulation to add dissolved oxygen to the water.

When a lake or pond loses its ecological balance, the effects or symptoms are readily apparent:

- Unsightly algae build-up
- Aggressive weed growth
- Unpleasant odor
- Depleted fish populations

If this water source is used to supply an irrigation system, the effects are compounded both functionally and aesthetically:

- Clogged sprinkler heads, valves and pumps
- Damaged Turf
- Loss of water storage capacity
- Odors, fish kills and insect breeding
- Diminished aesthetic appeal

BENEFITS

With the addition of dissolved oxygen into the water and the resulting convection patterns that reduce stratification, aeration systems impacts three factors:

- Oxygen: aerating the water encourages aerobic digestion of nutrients by adding oxygen, which significantly reduces sediments/sludge build-up
- Nutrients: potentially harmful nutrients are kept in ecological balance through oxidation and de-stratification
- Temperature: mixing warmer surface and cooler bottom water with dissolved oxygen breaks down stratification to further enhance the ecological balance of adding carbon dioxide at lower levels

MODELS

• Instant Fountains

These floating fountains are available in an 1 HP. Units have three attractive interchangeable spray patterns. Light options available.

• Aerating Fountains

Available in 1, 2, 3 and 5 HP and 9 different patterns. Aerating fountains are designed to improve water quality as well as be aesthetically pleasing.

• Large aerating fountains

Available in 7, 5 and 10 HP and 6 different patterns.

• Industrial aerators

Available 1, 2, 3 and 5 HP. Sub-Surface units are designed to work in settings where no fountain feature is desired.

• Air Flo systems

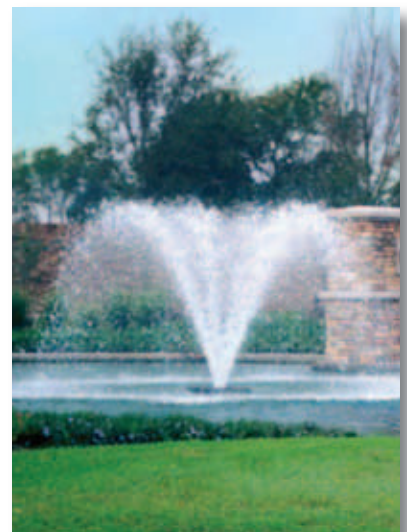
These systems consist of a ¾ HP compressor and diffuser manifolds.

• Giant fountains

Available in 10, 15, 25 HP and 5 different patterns



Instant Fountains



Aerating Fountains



Giant fountains



Large aerating fountains



Industrial aerators