

Hydro Logic Products

Pond & Lake Aeration Systems & Supplies

AirLift™ Aeration: An Overview

Hydro Logic Products® is the manufacturer of AirLift™ Pond & Lake Aeration Systems. Our mission is to provide our customers with the highest quality, most reliable aeration systems on the market today!

AirLift aeration systems are designed and built to completely mix and aerate ponds and lakes. Our systems use billions of micron sized bubbles to cost effectively improve water quality. Hydro Logic offers two different product lines to meet all of your aeration needs. Both of our AirLift™ and AirLift XL™ aeration systems were designed and field-tested by a team of highly qualified and experienced professional lake managers and engineers.

In addition to reliability, AirLift™ and AirLift XL™ aeration systems were designed to be extremely energy efficient, thereby allowing you to enjoy low operating and maintenance costs for years to come.

Trusted by More Professional
Pond & Lake Managers



How Does It Work?

Our AirLift™ and AirLift XL™ aeration systems are equipped with the highly reliable, energy efficient dual piston air compressors. Compressed air from the compressors is transported to AirPod™ and AirPod XL™ air diffusers using uniquely fabricated, sinking air supply tubing.

Overall, Hydro Logic's AirPod™ and AirPod XL™ air diffusers were carefully designed to maximize water lift rate and transfer rate of dissolved oxygen to the surrounding lake waters. The AirPod™ and AirPod XL™ air diffusers are installed along the lake bottom and release billions of tiny bubbles. Most of the bubbles typically range in size from 500 to 1,000 microns in diameter. Next, these micron-sized bubbles force deep lake waters to the surface, thereby resulting in complete lake mixing. In addition, dissolved oxygen is readily transferred from these tiny air bubbles to the surrounding lake waters.



AirPod XL™
In Action

Largest & Most
Durable Air Diffuser
Available Today

www.hydrologicproducts.com

The Hydro Logic AirLift Advantage

- Extremely Reliable, Energy Efficient Air Compressors
- More Efficient & Effective than Water Fountains
- No Electricity in the Water
- **Tubular Air Diffusers** are Virtually Indestructible
- Five-Year Warranty on All Air Diffusers
- **Largest Air Diffusers on the Market Today**
- Air Diffusers are Self-Cleaning and Maintenance-Free
- Diffusers Constructed of Durable EPDM Rubber Membranes
- No More Cleaning or Replacing Inferior Stone (Ceramic) Air Diffusers
- No Water Hazards such as Water Fountain Floats & Anchoring Cables
- Can be Sized Specifically for Your Pond or Lake
- **SureStart™** allows Air Compressors under Pressure to Quickly Restart after Power Outages
- **AirSaver Timer™** allows Air Compressors to be Turned On/Off at Different Time Intervals

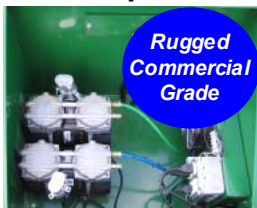


SureStart™ & AirSaver Timer™
Standard on All Systems

AirLift & AirLift XL Aeration Systems

The **AirLift series** are used for ponds and lakes with maximum water depths up to 35 feet. AirLift™ aeration systems contain up to six **AirPod** air diffusers. Each AirPod contains a single EPDM tubular air diffuser. Conversely, the **AirLift XL series** are most often installed in deeper ponds and lakes with maximum water depths ranging from approximately 20 to 35 feet. Therefore, owners of deep ponds and lakes can take advantage of this fact by installing our **AirLift XL** aeration systems. This can often result in a substantial cost savings since less weighted air supply tubing is needed. AirLift XL aeration systems contain up to four **AirPod XL** air diffusers. Each AirPod XL contains dual EPDM tubular air diffusers for maximum water lifting and mixing capabilities.

Air Compressors & Cabinets



- Energy Efficient Compressors with Thermal Overload Protection
- Oil-Free Compressors that Require No Maintenance (except changing air filters)
- Powder Coated Steel Compressor Cabinets with Rustproof Protection
- Cabinets Equipped with Heavy Duty Cooling Fan & Lock
- Cabinets Contain Class A GFCI Protection for Compressors & Cooling Fans
- **SureStart™ & AirSaver Timer™** Standard on All Aeration Systems

AirPod™ & AirPod XL™ Air Diffusers



- Contains Raised, Large HDPE Base to Eliminate Sediment Disturbance
- Tubular Air Diffusers Constructed of EPDM Membranes
- Largest and Most Durable Air Diffuser Units Available Today
- Five-Year Warranty on All EPDM Membranes
- Produces Billions of Tiny Bubbles Typically Ranging from 500 to 1,000 Microns
- Designed to Maximize the Rates of Water Lift (Mixing) & Oxygen Transfer

DownUnder™ Weighted Air Supply Tubing



- Self-Weighted & Highly Durable
- Kink Proof & Fish Hook Proof
- Constructed of PVC Materials
- Easy to Install & Stays on the Bottom
- Connects Air Compressors to AirPod™ and AirPod XL™ Air Diffusers