MAINTENANCE SAFETY:

- Always use parts that are supplied or approved by Airmax® Inc. Use of other parts may result in poor performance and could create a hazardous situation.
- Always unplug the system from the outlet and refer servicing to a qualified electrician under the following conditions:

1. When the power cord is damaged or frayed.
2. If the compressor is producing unusual noises or odors.

REGULAR MAINTENANCE:

Diaphragm Maintenance

Your KoiAir™ compressor will need a maintenance kit (KoiAir™ 1- Item #510145, KoiAir™ 2 - Item #510146) every 12–36 months depending on: operating depth, air quality and operating temperature. If your compressor is operating but there is no air coming out of the diffusers, you will generally find that it is time to replace your diaphragm.

Membrane Stick Maintenance

No maintenance required. Replace membrane sticks (#510168) if visibly damaged or if system has poor performance.

Air Filter Cleaning

Unscrew the cover on the back of the compressor to expose the air filter. Remove the air filter and brush away any dust particles. Air filter should be replaced every 6 months. (KoiAir™ 1- #510153, KoiAir™ 2- #510149)

PRODUCT WARRANTY:

The KoiAir™ Aeration Kit comes with a 3-Year Limited Warranty. This limited warranty is extended exclusively to the original purchaser and begins from the date of original purchase receipt. Membrain sticks, airline and diaphragms are considered wear items and are not covered by this warranty. Abuse or misuse of this product voids all warranty. Any sign of water damage inside the unit voids all warranty. For warranty claims, product must be returned to the original place of purchase with original receipt.

THANK YOU FOR CHOOSING:

Airmax® Aeration

Airmax® Inc.
Safe, Simple Solutions.™
www.airmaxeco.com

SATISFACTION GUARANTEED SATISFACTION

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Airmax® Aeration

KoiAir™

Water Garden Aeration Kit

INSTALLATION INSTRUCTIONS



GREAT FOR ALL SEASONS!



SATISFACTION GUARANTEED SATISFACTION

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IMPORTANT INFORMATION:

- Never connect to an extension cord. This may result in equipment failure.
- Do not allow anything to rest on the power cord.
- Do not place the unit where people may step on the power cord.
- Never override electrical or mechanical interlock devices.
- Never attempt maintenance functions that are not specified in the user manual.
- Never operate the system if unusual noises or odors are detected. Disconnect the power cord from the outlet and call for service.

⚠ DANGER: ⚠

- Read the operating instructions carefully.
- To reduce the risk of electric shock, connect only to a properly grounded grounding-type receptacle.
- THIS UNIT IS TO BE USED IN A CIRCUIT PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER.
- This unit has not been investigated for use in swimming pool areas.
- Disconnect unit from power source before handling.
- Repair and exchange of cable must be carried through by the supplier/manufacturer.

WINTER OPERATION:

⚠ DANGER: ⚠

Operating in freezing conditions on an ice-covered water garden will cause open water areas, even in freezing conditions. Also, the ice thickness around these open areas will be much thinner than the ice over the remainder of the pond. Injury or fatality may result from falling through the ice. Airmax® strongly recommends that this danger of thin ice around the diffuser site be clearly posted at frequent intervals. Owner assumes all responsibility for operating KoiAir™ Aeration Kit during winter months.

If you choose to turn off your system for the winter, do the following:

- Unplug the system and remove the diffuser(s), airline(s) and compressor.
- Store in a dry area protected from the elements such as a garage or basement (climate control recommended).

GETTING TO KNOW YOUR KoiAir™ AERATION SYSTEM:



KoiAir™ 2 shown above.

	KoiAir™ 1 *(for ponds up to 8,000 gallons)*	KoiAir™ 2 *(for ponds 8,000 - 16,000 gallons)*
A High Efficiency Compressor	**KA20:** 17 Watts @ 115 Volts	**KA40:** 35 Watts @ 115 Volts
B Control Valves	N/A	Includes control valves to balance airflow between both diffusers.
C EasySet™ Weighted Airline	Includes 25' of weighted airline.	Includes 50' of weighted airline.
D KoiAir™ Weighted Diffuser	(1) KoiAir™ Diffuser (4' Max Depth)	(2) KoiAir™ Diffusers (4' Max Depth)
E Hose Clamps	(2) Hose Clamps	(4) Hose Clamps

INSTALLING YOUR KoiAir™ AERATION SYSTEM:

1 Decide on a location for the KoiAir™ compressor. It's important to elevate the compressor a few inches above ground level, making sure the compressor is above the pond's water surface. If power is not available at the pond's edge, the compressor may be located at the power source and extra airline can be added (up to 100') to reach your desired diffuser location. **NOTE:** It is recommended that the compressor be covered and not exposed directly to the elements. This can be accomplished by purchasing a small TrueRock™ cover (Item #510330). If you decide to use your own cover, make sure it will keep water from coming in direct contact with the compressor and that there is plenty of ventilation.

2 Connect the weighted airline to the outlet on the compressor as well as to the diffuser. Use a clamp at both ends and securely tighten using a flat head screwdriver or 3/8" socket/nut driver.

3 Find a location in your water garden to place the diffuser. If you have two diffusers, distribute them equally throughout the water garden. Do not exceed the max depth rating when placing your diffusers. Depths in excess of this rating will greatly reduce airflow to the diffuser and cause excess strain on the compressor reducing its life expectancy. In case of extreme tempetaures (hot or cold), it is recommened to relocate plates from the deepest points of your pond.

4 **(KoiAir™ 2 ONLY)** Adjust control valves to balance airflow between diffusers, if desired. It is not necessary to have even airflow between diffusers, nor will it have any effect on the life expectancy of the compressor.