



Outdoor Water Solutions Inc.
2300 S. Old Missouri Road
Springdale, AR 72764
1-866-471-1614

The Outdoor Water Solutions 7.0 Linear Diaphragm Electric Aerator is designed to help keep your pond or water feature clean and healthy year around. We hope you enjoy your Aeration system for many years to come.

Installation and Use Instructions:

Attach your poly tubing to the hose barb coming out of the electric aerator and run the airline to the edge of your pond. Connect your 2, 3 or 4-way selector valve and your weighted airline. Run your weighted airline out into the pond and connect your diffusers. We recommend using a hose clamp wherever you connect weighted airline to a fitting. This would include where it is connected to the selector valve and also where it connects to the diffuser.

Bury your airline a minimum of 3” below the surface to prevent it from being damaged by equipment or livestock. You can mount your selector valve to a small post or better yet, enclose it and bury it in an Irrigation control box.



If you’re using air stone(s), we recommend that you put each one into a rubber or plastic bucket to help protect it from the mud and debris common in the bottom of most ponds. A 4-6” layer of small rock, sand or even concrete put into the bottom of the bucket can help weigh the bucket down so it sits on the bottom. If using a rubber membrane diffuser without a base, then we recommend placing it in a bucket as well. If your rubber membrane diffuser has a base, then you do not need to put it inside of a bucket.

We also suggest installing the diffusers into the deeper areas of your pond to ensure complete circulation of your water. The exception to this would be if you’re wanting to keep the water open for watering livestock in the winter, then you can put the stone closer to the shoreline (or move it there in the fall).

Note: This Aerator is weather resistant, however we advise you to shelter the unit from rain, snow, sleet, etc.. as direct contact with the elements will shorten the life span of the unit. Outdoor Water Solutions manufactures a powder coated steel cabinet (EAU0199) with circulating fans and a lock that can protect any of the LD aerators from the weather.

Note: We recommend turning your electric aerator on for a few hours the first day, then increasing the time by a couple of hours each day until it is running continuously. On rare occasions, you can have a pond “turnover” if you turn aeration on continuously in a pond not previously aerated. This means the oxygen deprived water in the bottom of the pond rises to the top and your fish cannot survive due to the low oxygen conditions. Doing this over the course of 3-4 days can prevent any potential issues.

The Outdoor Water Solutions 2 Year Limited Warranty

This warranty covers all Outdoor Water Solutions 4.0 aeration systems for 2 years from purchase date against defects in workmanship.

1. Outdoor Water Solutions, Inc. (OWS) will replace or repair any part deemed to be defective by Outdoor Water Solutions, Inc., due to defects in quality and/or workmanship within a 2 year period from the initial date of purchase. Note: Air filters and diaphragms are considered routine maintenance if needed.
2. Warranty does not apply to OWS products which were installed incorrectly, subject to an accident or neglect.
3. Product returned for Warranty repair must be returned to the address specified by the Manufacturer freight prepaid, and any warranty product sent to the customer will be sent freight prepaid;
4. Warranty coverage may be void if parts other than genuine Outdoor Water Solutions parts are utilized for repair or attached to a Outdoor Water Solutions Aeration system.
5. Proof of purchase date is required for warranty repairs.
6. Manufacturer or supplier shall not be held liable for any loss of fish, plants, or any livestock as a result of any failure or defect of this product.
7. If you have any warranty concerns, please contact Outdoor Water Solutions Windmills Inc. at 1-866-471-1614 in Canada or USA. International customers can call 1-866-471-1614 or 1-479-756-1614 with any warranty concerns.

Return Materials Authorization

- A return materials authorization (RMA) number must be obtained prior to returning any product for warranty work.
- You can call the Outdoor Water Solutions warranty department at the following numbers:
 - Canada and USA – 1-866-471-1614
 - International (outside Canada and USA) – 1-866-471-1614 or 1-479-756-1614

Outdoor Water Solutions Windmills Inc. recommends that, for future reference, you keep this Installation Manual in a convenient location.

Date of Purchase: _____