



## OWS AerMaster Electric Aerator Installation Manual

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

### **Installation Instructions:**

Attach your ½” poly tubing to the 90 degree brass elbow and run the airline to the edge of your pond. You can then splice into a ½” weighted airline or you can continue using the supplied polytubing. Attach the tubing to the airstone and secure with a hose clamp. Note: Newer OWS airstones have a built in backflow valve.

We recommend that you put your airstone into a rubber or plastic bucket to help protect it from the mud and debris common in the bottom of most ponds. A 3-5” 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.

We also suggest installing the airstone into the deep part of the 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). You can also place the airstone in a more shallow area if you are in a northern climate and have trout, walleye, Northern pike or muskie in the pond and want the deep parts of the pond to remain colder in the summer months.

The use of OWS Weighted Air Line will help keep the airline submerged and on the bottom of the pond. In the absence of using weighted airline, tie rebar, bricks, blocks, etc. to the non-weighted airline to help keep it submerged.

If you are attaching multiple airstones, then using an OWS 2-way or 3-way selector valve is needed. These are available in combinations and are made up of high quality brass ball valves that allow you to adjust and regulate the airflow between multiple accessories.

Note: Air will travel to the point of least resistance or to the shallow airstone first. Adjusting the airflow so that it goes to the deepest airstones is usually required.

**Note:** If installing a freeze control system on your electric aerator with multiple airlines and air stones, we recommend attaching the freeze control unit to a fence post, piece of rebar or any other mounting stake and plumbing it into the system before the lines are split.

**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 AerMaster 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: Diaphragm and check valve replacement is considered routine maintenance if needed.
2. Warranty does not apply to OWS products which were installed incorrectly, subject to an accident or neglect.
3. *When a Freeze Control System has not been used, warranty coverage may not apply to damages incurred to a Outdoor Water Solutions Aeration system as a result of a blocked line. The use of an Outdoor Water Solutions Freeze Control Unit or Pressure Relief Valve is HIGHLY RECOMMENDED in geographical areas where freeze up may be a concern.*
4. 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;
5. 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.
6. Proof of purchase date is required for warranty repairs.
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

Note: Serial Numbers are located under the top plate so they are protected from weather.

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

Serial number: \_\_\_\_\_ Date of Purchase: \_\_\_\_\_