



A Division of EasyPro Pond Products

## Windmill Aeration Accessory Kits Installation Instructions

This windmill aeration accessory kit is designed to work with Becker Windmill towers. It will work with other windmills or aeration systems that connect to 1/2" ID poly tubing.

### WD1 Kit Contents

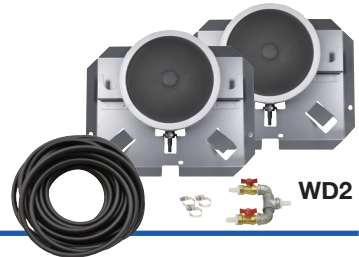
- One - 50' roll of 1/2" poly tubing
- One - QS2 Quick Sink dual head diffuser
- One - 1/2" barbed tubing connector
- Two - Stainless steel hose clamps



WD1

### WD2 Kit Contents

- One - 50' roll of 1/2" poly tubing
- Two - QS1 Quick Sink single head diffuser
- One - 2WAY2 two valve splitter with 1/2" barbed connections
- Three - Stainless steel hose clamps



WD2

### Safety

- Windmill tower is not designed to be climbed.
- Do not stand near windmill during electrical storms.
- Do not work on the windmill while the wind is blowing.
- Always tie off or otherwise secure the windmill before working on it.

### Caution

- When in or around water always wear a Coast Guard approved life jacket and follow all boating or water safety rules and regulations.
- Use extreme caution operating in winter as open water and thin ice may be created.
- Provide adequate warning for others when using a diffused aeration system during winter months.

**Note:** EasyPro Pond Products is not responsible for losses, injury or death as a result of failure to follow these safety warnings, misuse or abuse of equipment.

Your windmill aeration system will be a great benefit to the aquatic ecosystem in which you are placing it. The following are some important guidelines regarding the installation and operation of your diffused air system.

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## General Installation

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- The air diffuser should not be placed in the deepest part of the pond. Try to locate the diffuser at approximately 2/3 to 3/4 of the deepest point (a 15' deep pond would have the diffuser at approximately 10' to 12' deep). This allows the deepest water to remain cool in the Summer and stay warm in the Winter.
- If you purchased your aeration system without weighted tubing, you will need to supply small weights such as chimney bricks, pipe or re-rod. Strap the weights securely around the tubing to bring it to the bottom.
- If your pond freezes during the winter, be sure the tubing is buried leading into the pond. If not, the ice can form around the tubing, kinking it or possibly shearing it off.

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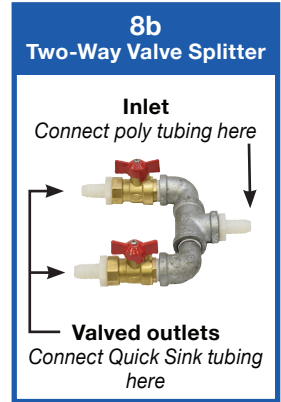
## Windmill Aeration System

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The windmill pond aerator is an excellent alternative to electric pond aerators. The windmill has a complete set of instructions included with it. Please follow these instructions to assemble the windmill head and tower. This kit includes the poly air hose to connect to the windmill and air diffuser. Quick Sink tubing for in the pond and freeze control units are sold separately.

1. Unpack all the parts in the aeration accessory kit to ensure all parts were received. If a shortage occurs, please notify us immediately.
2. A 50' piece of black plastic poly tubing is included with this kit. Unroll this tubing. It can help to leave in the sun or warm place if it is too stiff.
3. The "Attaching Airline" section in Becker Windmill instructions says, "Run your airline up through the holes on the inside of tower legs. Give the airline a slight "S" curve before attaching to bottom of pivot tube. Twist hose back and forth to create a groove/space inside. Do not clamp hose here."  
*This will allow the airline to spin on the compressor fitting and still keep tubing from twisting as the windmill head rotates.*
4. Once secured properly to the windmill, the tubing can be used above or below grade (trenched) to connect to 1/2" Quick Sink weighted tubing (sold separately, see step 7).
5. In freezing areas it is recommended that a freeze control unit is used (sold separately). If you have a freeze control unit, install this to the windmill.
6. Assemble and install the Quick Sink Diffuser(s). See instructions that come in diffuser box.
7. Once diffuser and airline is installed in pond, tubing lengths can be trimmed to length for final connections.

- 8a. Install provided 1/2" barbed fitting in poly tubing and secure with clamp. Place second clamp over Quick Sink tubing from diffuser. Install tubing over other side of 1/2" barbed fitting and secure with clamp.  
*For single line windmills (WD1 kit), the connection to tubing is complete. Be sure to follow windmill instructions for final set up. Steps 8b and 9 are for WD2 kits.*
- 8b. For two line system (WD2 kit), connect the inlet side of the two-way valve splitter to the poly tubing and secure with clamp. Connect the Quick Sink tubing from diffusers to the outlets of the splitter and secure with clamps. *figure 8b This finishes the connection of the tubing. Be sure to follow windmill instructions for final set up.*
9. A final step to two line systems is to regulate the air flow between the two diffusers. With the windmill operating (windy day is best) slowly close only the valve on the shallower diffuser and visually monitor bubble pattern until they look about equal. The other valve will remain fully open. Do not adjust both valves.



## Warranty

See warranty sections in Windmill and Diffuser instructions for warranty details.

## Optional Freeze Control

The windmill freeze control is recommended whenever the windmill is located away from the pond's edge. If the line starts to freeze, the control valve opens and feeds ethanol alcohol (or rubbing alcohol) into the line to melt the ice, the valve then closes and normal operation resumes.



## Red Stripe Kit

Dress up your windmill by adding red stripes to your blades. It's like putting racing stripes on a classic roadster!



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## Boost the Benefits of Aeration

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EasyPro's beneficial bacteria treatments are proven to work in conjunction with aeration systems to improve the natural biological balance and overall water quality. The bacteria work along the pond bottom, breaking down organic matter such as leaves, grass clippings, dead algae and fish waste.

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### EasyPro Pond-Vive

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The natural, biological way to revive your pond  
This special blend of beneficial bacteria is designed to:

- Reduce oxygen demand and sludge buildup
- Eliminate excess nutrients and pond odors
- Improve water clarity

Available in 10 lb. and 25 lb. pails with 8 oz. water soluble packs or as loose powder in bulk 100 lb. drums.

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### EasyPro Sludge Remover Pellets

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Bacteria specifically designed to reduce sludge on the pond bottom

- Great for spot treating around docks and beach areas
  - Available in 5 lb. ,10 lb. and 25 lb. pails, one ounce of pellets covers approximately 200-250 square feet of shoreline or beach area
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### EasyPro Lake Colorant

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Add EasyPro Lake Colorant to give your pond a beautiful look

- Available in blue, serenity blue or black one quart containers
- Nontoxic and compatible with most aquatic herbicides, water can be used for swimming and irrigation once dispersed
- Concentrated formula, one quart treats one acre of water 3' - 6' deep



*EasyPro bacteria treatments are Made in the USA.  
"Safe for fish, pets, wildlife and family!"*



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