

# Why Aerate Your Pond?



**“Bottom aeration is extremely important for a healthy pond”**

- Raises life-supplying oxygen levels
- Aids in the natural decomposition of organic material (muck)
- Destratifies the water column
- Rids toxic gases from the bottom
- Helps prevent stagnant water
- Reduces pond odors
- Overall improved water quality

## Why Wind-Driven Aeration?

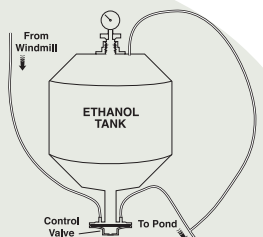
- Aerate ponds with no electricity nearby.
- Windmills can sit up to 1000' away from the pond's edge.
- You can save \$30-\$50/month in electric costs vs. electrical aeration systems.
- Windmills are just cool!



**Chill Out with Freeze Control**

Compact unit mounts to the tower and automatically monitors line pressure, releasing ethanol if line freezes.

#WMFC



# Why Choose a Becker Windmill?



## Performance/Specs

### Air Flow Performance

- 2.4 CFM\* @ 9 mph
- 3.2 CFM\* @ 15 mph
- 5 CFM\* @ higher speeds

\* Cubic Feet/Minute

### Tower Construction

16 gauge galvanized steel

### Tower Dimensions

- 12' Tall with a 4'-4" x 4'-4" base
- 16' Tall with a 5'-8" x 5'-8" base
- 20' Tall with a 7'-0" x 7'-0" base

### Available alone or in complete kits.

### Complete Becker Windmill Kits include

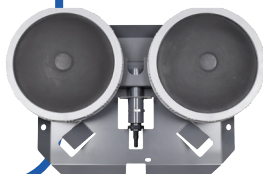
- 48" long anchor stakes
- 50' of poly tubing
- 100' of Quick Sink tubing
- Dual head Quick Sink Diffuser
- **New for 2020!** Hinge kits included with 16' and 20' units

### Deluxe Kit for 20' windmill includes

- 2-way splitter
- 50' of poly tubing
- 200' Quick Sink tubing
- 2 single head Quick Sink diffusers

### Capabilities

Can effectively aerate ponds up to two acres, depending on shape and depth.



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**"Absolutely the strongest windmills on the market"**

## Engineered for efficiency

**Blades** Large, 72" diameter fan wheel with 12 tapered blades that are engineered to start turning at wind speeds as low as 5 mph. The blades are also designed to develop high power in strong winds.

**Reinforced Diaphragm** The piston diaphragm assembly is 60% larger than other brands. In conjunction with the 72" blade assembly, it will pump 60% more air into your water than other brands.

**Automatic Over-Speed Protection** The tail design keeps the windmill facing directly into the wind. When wind speeds reach 30 mph, the tail forces the fan wheel to turn 12°-15° away from the direct wind so that it cannot operate over-speed.

## Manufactured for durability

**Tower** 16 gauge galvanized steel tower for strength and durability.

**Advanced Anchoring System** At the bottom of each tower leg is a 6-bolt anchor stake clamp. The anchor stakes are 1" steel tubes pinched at both ends. The anchor stake slides down through the clamp as you drive it into the ground. This anchoring system allows you to level your tower as you tighten the clamps.

**Reinforced Diaphragm** Reinforced neoprene diaphragm that is die-cut for accuracy and longevity.

**Heavy-Duty Crankshaft and Bearings** The crankshaft is made of high strength, 1045 TGP steel. Bearings are permanently grease-sealed and are designed for heavy load capacity.

## Designed for simplicity

**Design** is that of classic windmills so it looks right at home anywhere.

**Low Maintenance** All Becker Windmills are designed with ease of assembly and low maintenance in mind. We're so confident in the quality that we offer a 5 Year Limited Warranty on all our windmills!

**Dress it Up!**

Add the Red Stripe Kit to your order. It's like putting racing stripes on a classic roadster! #BWMRED

