



# Vertex Water Features

Lake Aeration Systems & Floating Fountains



B O T T O M   A E R A T I O N



## AIR 5™

The Vertex Air 5™ pond aerator is a super-efficient, affordable and safe system. In a typical pond with 8 foot depths, an Air 5™ can aerate approximately 4-7 acres depending on shape, slope, oxygen demand and other factors. Two 1/3 hp Brookwood™ SafeStart™ compressors, housed in our rustproof aluminum outdoor cabinet, feed five bottom mounted CoActive AirStations™ utilizing Vertex's MicronBubble™ technology. The rising force of millions of bubbles circulates the entire water column, entraining bottom water up to the surface allowing vital oxygen to be absorbed and poisonous gasses expelled.

With no electricity in the water, Vertex's aeration systems are safe for any type of water recreation. Our systems have a full two-year warranty plus a five-year warranty against rust and corrosion on the cabinet, five-year warranty on the AirStations™ and a 15-year warranty on BottomLine™ supply tubing.

## FEATURES

### CoACTIVE AIRSTATION™

- ◆ Independently tested pumping rate, up to 21,000 GPM
- ◆ Ten 9" flexible membrane discs with MicronBubble™ technology
- ◆ Self-cleaning, low maintenance and five year warranty
- ◆ Rugged EPDM construction
- ◆ Vacuum formed and sonic welded HDPE base unit
- ◆ Lipped edge prevents sinking into soft bottom sediments
- ◆ Five-year warranty

### BROOKWOOD™ COMPRESSORS

- ◆ Two-year Vertex warranty
- ◆ Vertex SafeStart™ Technology
- ◆ U.L., 115 volt, 25 PSI
- ◆ Thermal overload protection
- ◆ (2) 1/3 hp for low electrical costs
- ◆ 2-3 year extended duty cycle before scheduled maintenance

### QUIETAIR™ CABINET

- ◆ Class "A" GFCI protection on all 115V circuits
- ◆ Powder coated aluminum for a durable attractive finish
- ◆ Two high capacity 290 CFM fans
- ◆ Easy access design with barrel-lock for security
- ◆ Easy plug-in connection to waterside electrical service
- ◆ Heavy duty mounting pad included
- ◆ Five-year warranty

### BOTTOMLINE™ TUBING

- ◆ Over-sized 0.58" ID for high flow
- ◆ Heavy duty wall thickness for durability
- ◆ Self-weighted for easy installation
- ◆ Available in 100 and 500 feet increments
- ◆ 15-year Vertex warranty

### BENEFITS TO THE LAKE

- ◆ High, independently tested pumping rate
- ◆ Entire water column circulated
- ◆ Increased oxygen levels throughout water column
- ◆ Elimination of low oxygen fish kills
- ◆ Reduced nutrient levels and associated algae growth
- ◆ Oxidized/reduced bottom muck
- ◆ Improved fisheries by expanding oxygenated habitat
- ◆ Reduced aquatic midge and mosquito insect hatches
- ◆ Elimination of foul odors from undesirable dissolved gasses
- ◆ Safe entry - no electricity in the water
- ◆ Extended warranties on all system components

