



Bottom Diffused Aeration

WITH VERTEX MICRONBUBBLE™ TECHNOLOGY



The Vertex LL 22™ System represents our most advanced technology providing greater cost savings by combining multiple compressor systems into a single cabinet while lowering maintenance expenses and electrical costs.

Whether you have a large shallow lake, or a deep reservoir, Vertex can offer you the most economical, versatile and effective aeration design.

Expert Sizing and Layout Mapping Service available

Our systems have a full 3-year warranty, excluding wearable parts (air filters and compressor maintenance kits) plus a Limited Lifetime warranty against rust and corrosion on the cabinet, 5-year warranty on the AirStations™ and a 15-year warranty on BottomLine™ supply tubing.

CALL 844.432.4303

vertexaquaticsolutions.com

info@vertexaquaticsolutions.com

LL 22™ FEATURES

AIRSTATIONS

- ◆ System operates Shallow Water and Standard CoActive, XL4, XL5 and XL8 AirStations™
- ◆ Customizable system, Optional VBS Remote Valve Box

BROOKWOOD™ COMPRESSOR

- ◆ Four 3/4hp Vertex super-duty 230V single phase HighFlow™ compressors
- ◆ 22 CFM at openflow with maximum pressure of 25 PSI
- ◆ Brookwood HighFlow™ systems reduce monthly electric bills about 40% over rotary vane and 10% over other piston compressor systems.
- ◆ Full 3-year Vertex warranty, excluding wearable parts (air filters and compressor maintenance kits)

QUIETAIR™ CABINET

- ◆ Vertex SafeStart™ technology allows start-up under full back pressure without compressor damage
- ◆ Fully-assembled heavy gauge, powder coated, reinforced and welded aluminum construction with stainless steel fasteners.
- ◆ Cabinet design maximizes directional airflow and noise reduction
- ◆ Back-up fans protect compressors from fan failure related heat destruction
- ◆ Heavy duty, light weight mounting pad
- ◆ Sound dampening kit optional
- ◆ Limited lifetime warranty against rust

BOTTOMLINE™ TUBING

- ◆ Over-sized I.D. for high flow
- ◆ Self-weighted for easy installation
- ◆ Available in 50', 100', 250' and 500' increments
- ◆ 15-year Vertex warranty

BENEFITS TO THE LAKE

- ◆ High pumping rate easily penetrates stratification layers
- ◆ Circulates entire water column
- ◆ Increases oxygen levels throughout water column
- ◆ Promotes beneficial bacteria growth
- ◆ Prevents low oxygen fish kills
- ◆ Reduces nutrient levels and associated algae growth
- ◆ Oxidizes/reduces bottom muck
- ◆ Expands oxygenated habitat for improved fisheries
- ◆ Reduces aquatic midge and mosquito insect hatches
- ◆ Eliminates foul odors from undesirable dissolved gases
- ◆ Safe entry – no electricity in the water
- ◆ Extremely energy efficient