

Vertex diffused aeration systems are super-efficient, affordable and safe. The rising force of millions of bubbles transports bottom water to the surface, allowing oxygen to be absorbed and circulating the entire water column.



BENEFITS TO THE LAKE

- ♦ High pumping rate easily penetrates stratification layers
- ♦ 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

LARGE LAKE SYSTEMS

NAME	AIRSTATIONS	HP	CFM	OPTIONS
LL HE22	Custom	3	22	VBS with a remote valve box
LL HE33	Custom	4	33	

SUPER-DUTY BROOKWOOD™ COMPRESSOR

3-year Vertex warranty

(excluding wearable parts: air filters and compressor maintenance kits)



- ♦ UL, 220v
- ♦ Built for continuous 24/7 operation
- ♦ Upgraded rotors, stators, valve plates, bearings and capacitors
- ♦ Vertex SafeStart™ Technology for auto restart under maximum rated pressure without motor damage
- ♦ Thermal overload protection
- ♦ Oil-free, and require no lubrication
- ♦ 2-3 year extended duty cycle between scheduled maintenance

LARGE LAKE QUIETAIR™ CABINET

Limited lifetime warranty against rust

- ♦ Powder coated aluminum for a durable attractive finish
- ♦ Equipped with a stamped ventilation grill
- ♦ High capacity 140 CFM fan
- ♦ Class "A" GFCI Protection on compressor and fan circuits
- ♦ Quick disconnect switch included
- ♦ Easy access design with cam lock
- ♦ Easy plug-in connection to waterside electrical service
- ♦ Heavy duty, light weight mounting pad included
- ♦ Optional muffler box and additional insulation

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Getting the right system requires knowing the acreage, depth, shape and slope and location of power source.

Contact Vertex or your local Vertex Dealer for free design recommendations.



BOTTOMLINE™ SUPPLY TUBING

15-year Vertex warranty

- ◆ Available in 50', 100', 250' and 500' spools
- ◆ Self-weighted for easy installation
- ◆ Flexible PVC composite direct burial and submersible tubing
- ◆ Use with standard PVC solvent weld cement and insert fittings
- ◆ High wall thickness for durability and protection from punctures
- ◆ Remains flexible in cold temperatures.
- ◆ Over-sized I.D. for high flow



More than 60,000 diffuser disks installed without a single reported clogged or blown-out membrane. Each produces up to 3000 fine micron bubbles – the majority 500 to 1000 microns.



AIRSTATION DISKS

5-year "No Questions" warranty

- ◆ 9" diameter, flexible membrane diffuser discs
- ◆ Self-cleaning, low maintenance
- ◆ EPDM compound with 100% rebound memory
- ◆ Flexible, long-wearing and clog resistant even in the dirtiest waterbodies
- ◆ "Delta" surface pattern increases active surface area
- ◆ Highly efficient even during low and moderate air flows
- ◆ Larger, stronger diffuser ring improves membrane retention
- ◆ StableTrak™ technology increases lift velocity

SELF-SINKING AIRSTATION: XL1, XL2, XL2SW

5-year "No Questions" warranty

- ◆ Made of powder-coated stainless steel
- ◆ Designed to prevent settling into soft bottom sediments.
- ◆ Adjustable diffuser risers accommodate any site requirements

STANDARD AIRSTATION: XL4, XL5

5-year "No Questions" warranty

- ◆ Vacuum-formed HDPE base, spot-welded for unit integrity
- ◆ Hollow chamber design for the addition of gravel ballast
- ◆ Lipped design prevents settling into soft bottom sediments.