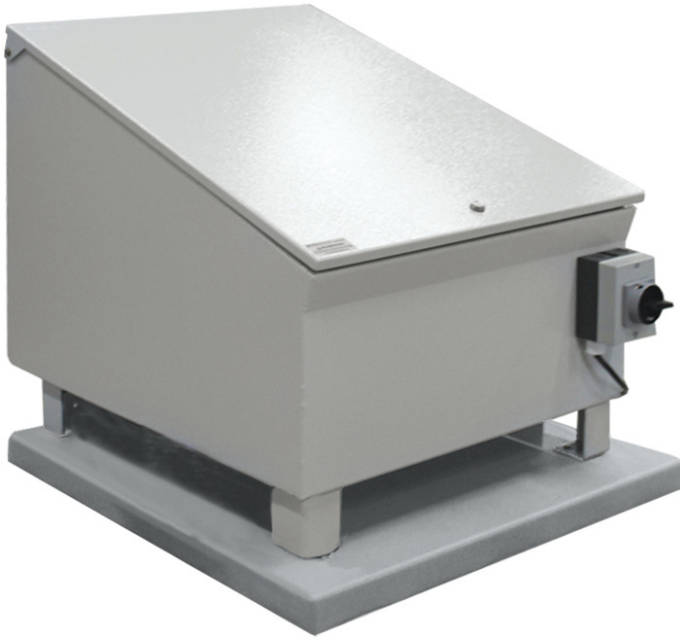


Vertex diffused aeration systems are super-efficient, affordable and safe. The rising force of millions of bubbles transports bottom water to the surface, allowing oxygen to be absorbed and circulating the entire water column.



## 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, 115v or 230v
- ◆ 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.

