

Compare Our Systems to the Competition!

BriteStar solar aeration systems are sold, installed and serviced by a nationwide network of lake and pond professionals.

Model	BriteStar 1	BriteStar 2	BriteStar 3	BriteStar 4
Solar Panels with Racking	Two 250W Panels	Two 250W Panels	Two 250W Panels	Two 250W Panels
Minimum Sunlight Required	20%	20%	20%	20%
Digital 24V BLDC Motor	168W	168W	168W	168W
Max Running Amps	7.0	7.0	7.0	7.0
Max Air Output (CFM)	2.5	2.5	2.5	2.5
Maximum Depth	25'	25'	15'	15'
Restarts Under Pressure	✓	✓	✓	✓
Powder Coated Aluminum Cabinet	✓	✓	✓	✓
Super Quiet Operation	✓	✓	✓	✓
AirStation Model (Quantity)	One XL2	Two XL1	Three XL1	One XL1 and One XL2
Independently Tested AirStations	✓	✓	✓	✓
Self cleaning membrane diffusers	✓	✓	✓	✓



BRITESTAR 1



BRITESTAR 2



BRITESTAR 3



BRITESTAR 4

Free Shipping Within Continental USA
Click To Buy



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For purchase or for more information please visit our website www.ThePondReport.com

Ecological Solutions for Pond Aeration

Vertex Water Features new lines of affordable, battery-free, high efficiency solar aerators are an environmentally and financially responsible solution for your pond or lake aeration needs.

Our economical break-through solar technology provides more aeration at both a lower purchase price and lower long term maintenance costs.

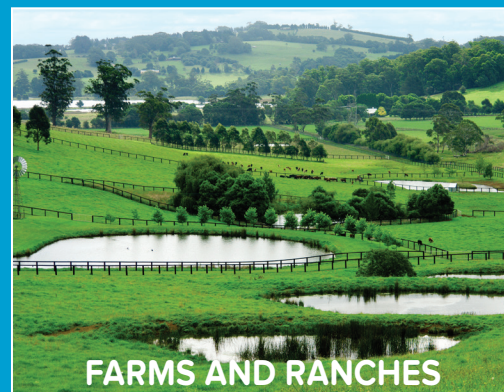
Who uses BriteStar Battery-Free Solar Aeration?



GOVERNMENTS



GOLF COURSES



FARMS AND RANCHES

New in 2016 - 40% More Airflow!

The new units are much easier to install and maintain without those expensive bulky heavy batteries. Here in the City of Naples, Florida we are completely satisfied with the new Vertex BriteStar solar systems."

Don James
Stormwater Supervisor: City of Naples

BriteStar Battery-Free Solar Aeration: The Highest Airflow Available Per Compressor!



Use Sun Power to Provide Oxygen to Your Pond

Microorganisms, plants, fish and other animals in your pond need oxygen to thrive, and nature may not be providing enough to keep the eco-system healthy. BriteStar solar aeration systems can provide oxygen throughout the daylight hours to keep the ecosystem healthy. Harnessing the sun to power the aeration system eliminates the cost of electricity from other sources.

AERATION BENEFITS

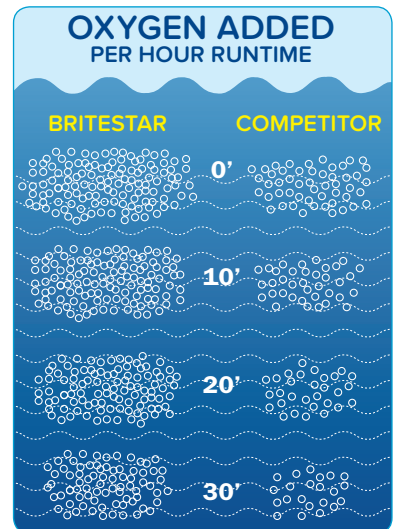
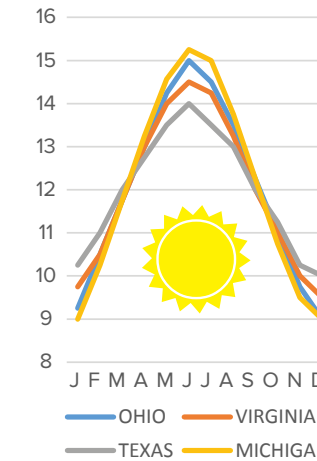
- ◆ Expands oxygenated habitat for improved fisheries
- ◆ Elimination of foul odors from undesirable gases
- ◆ Increased beneficial bacteria to reduce bottom muck
- ◆ Lower nutrient levels and associated algae growth
- ◆ Reduction of aquatic midge/mosquito insect hatches

HIGH TORQUE 24 VOLT BLDC DIGITAL MOTOR

- ◆ Powerful brushless motor design minimizes pressure loss to provide more air to your pond at greater depths
- ◆ Digital motor controller constantly balances solar power for maximum air flow at deeper depths
- ◆ Provides superior durability and reliability over ordinary (PM) permanent magnetic motors
- ◆ BriteStar has over 3X the life expectancy of a permanent magnet motor, about 10,000 hours versus about 3,000 hours.
- ◆ Balanced components for a low noise and vibration free environment
- ◆ BriteStar compressors are backed by Vertex with a 3 year warranty

LONGER RUNTIMES IN THE SUMMER MONTHS WHEN OXYGEN IS NEEDED THE MOST

AVERAGE DAILY SUNSHINE in select markets



Battery-Free Engineering Saves Time and Money

Batteries are an expensive component of existing systems, they require charge controllers, transformers and a time clock to work and all of those parts have high replacement costs. BriteStar battery-free solar aeration systems cost about HALF as much as battery run systems and have a MUCH LOWER cost of ownership over the life of the system.



1 SOLAR PANELS

- ◆ Two 250W high efficiency solar panels per system
- ◆ 500W capacity allows operation on cloudy days
- ◆ Powers the system with as little as 20% sunlight
- ◆ Standard racking included



2 CABINET/COMPRESSOR

- ◆ Eliminates expensive batteries, charge controller and time clock replacement costs
- ◆ Advanced digital circuitry extends daily operating hours
- ◆ Commercial grade Brookwood compressor for long life
- ◆ 24V DC operation provides highest efficiency
- ◆ 15 PSI output works in both shallow and deep water sites
- ◆ Heavy duty, long lasting, all aluminum cabinet – not plastic
- ◆ High capacity cooling fan for extended compressor life

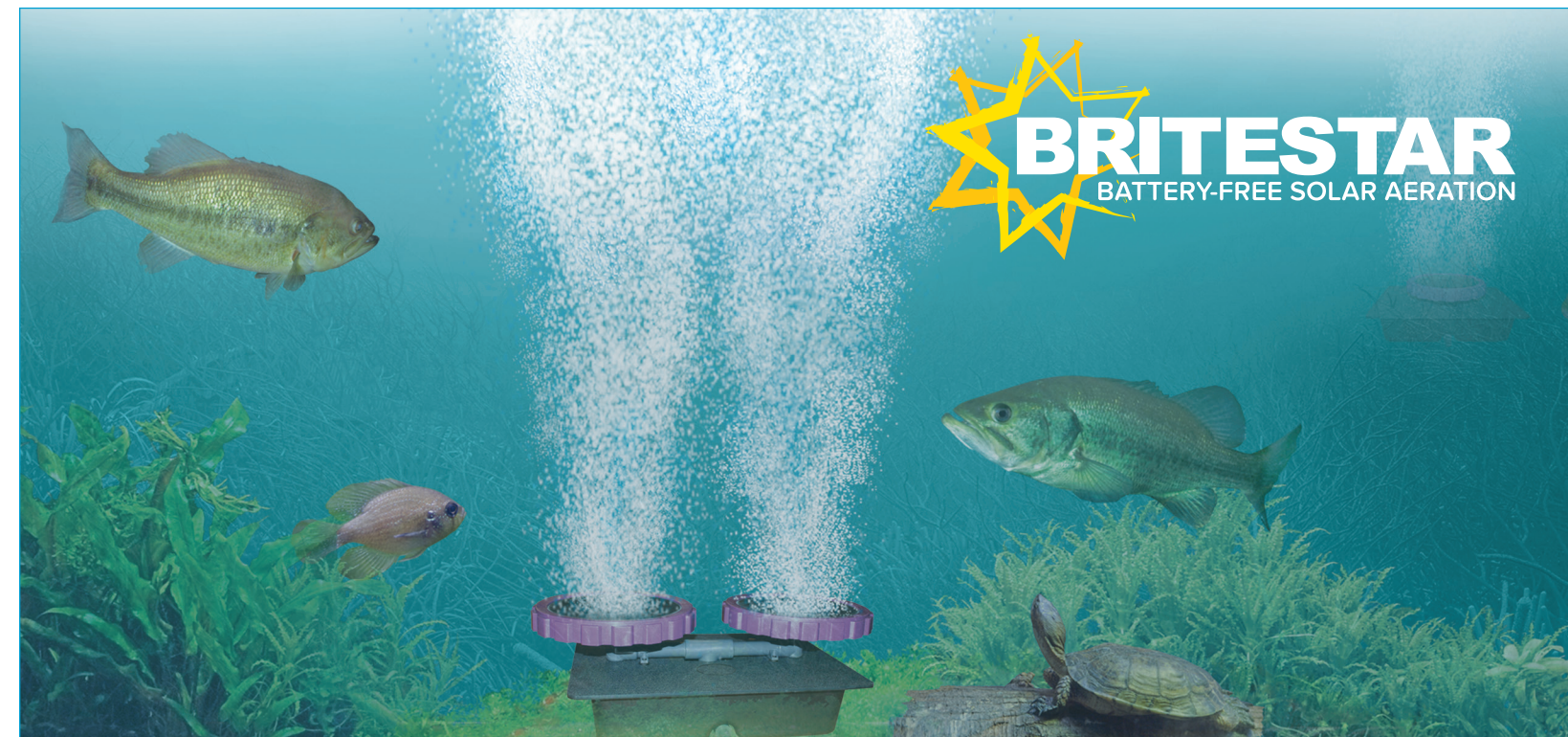


3 VERTEX AIRSTATION DIFFUSERS

- ◆ Single or Coactive AirStation(s)
- ◆ Durable ABS diffuser base
- ◆ Vertex MicronBubble³ self-cleaning diffusers - no acid or ultrasonic cleaning required



The better choice for our environment



For purchase or for more information please visit our website ThePondReport.com