



SOLAIRMAX[®]

**Low Speed Surface Aerator
Powered by solar energy
For Lagoons, Wastewater Treatment Plants, Ponds**



The SOLAIRMAX[®] is designed as a response to the reduction of the energy resources.

The lagoons oxygenation improves the water quality and provides consequently a healthy environment.

The SOLAIRMAX[®] is the ideal oxygen production installation for all biological aquatic aerobic systems. The oxygen dissolved into the water

is essential for the development of various macroscopic as well as microscopic fauna and flora. The very slow rotation of the aerator provides a perfect mixing, making the exchanges between oxygen and organisms easier.

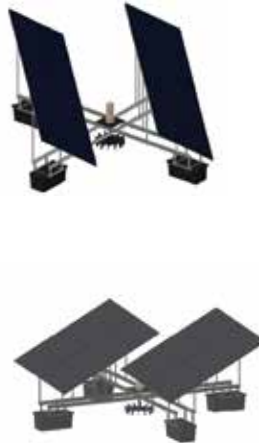
The SOLAIRMAX[®] is an optimised by-product of the high efficiency AIRMAX[®] surface aerators technology.

www.kamps.be

SOLAIRMAX®

► Advantages

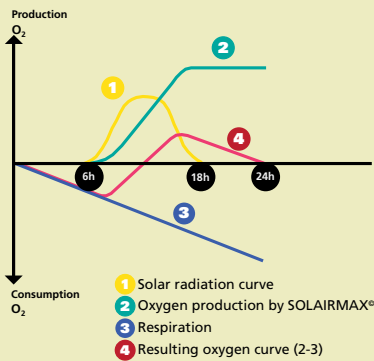
1. Water oxygenation with reduction of the energy consumption
2. Floating unit with a maximal sunlight
3. Almost no maintenance
4. More security because of the limited access (stealing, vandalism...)
5. Possibility of oxygen transfer rate adjusting
6. Large diameter and low speed for a better mixing of water
7. Reduction of the anaerobic areas
8. Optimised temperature of the solar panels
9. Short term energy storage (oxygen in water)
10. Less odour in lagoons



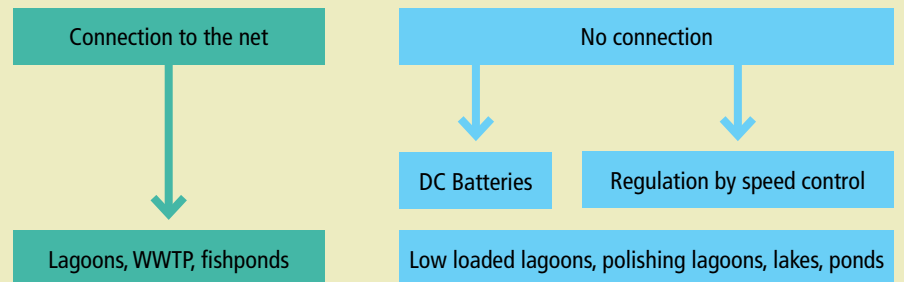
► Technical Specifications

1. Floating or bridge installation
2. Aeration Power : 2,2 22 kwp
3. SOTR: 5– 55 kgO₂ / h ac. EN 12-255-15
4. Material: -Impeller : steel
-Structure : inox or steel
5. Steel protection : epoxy-coating
6. Drafttube : for deep lagoons
7. Options : electrical cabinet and oxygen probe

OXYGEN CONTENT TREND



SOLAIRMAX® CONNECTIVITY



The KAMPS Water Treatment Product Range

AIRMAX® Aerators • Membrane bioreactors • Continuous sand filters • Deaerators • Sludge dewatering systems (belt thickeners, belt press, plate filter press) • Lagoon installations
Integrated M-BIOMAX and S-BIOMAX water treatment plants.



Best Science • Best Support • Best Success

KAMPS is an industrial company specialising in water treatment. Its flexible structure enables it to guarantee its customers a fast, flexible and dynamic response to their requirements.

Contact us

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