



H O M E P O R T

The Marina Oxyfusion™ line from Homeport

Introducing the revolutionary Ultrafine Oxyfusion™ system by Homeport.
Improving water quality by empowering life.



The importance of water management within marinas

Clean, fresh water brings value to a marina, with the sheer natural beauty being a huge draw for boat owners and visitors alike.

With growing demands for a cleaner environment, new services and improved amenities on waterfronts, the challenges of maintaining marina water are ever present, with poor quality water and its associated odour driving low berth occupancy, low facility usage, and lower profitability.

The quality of water in a marina makes a clear difference to Marina management businesses, but maintaining the harmony of an enclosed eco-system subject to the

rigours of commercial use brings many challenges. From pollutants to biofilm, stormwater run-off to algae blooms, maintaining a healthy bio-balance can be an expensive and time-consuming task.

The Homeport Marina Oxyfusion™ Line now gives marina owners and operators the opportunity to redress the imbalance caused by high usage and legacy methods of water control with a natural, regenerative approach to water management.





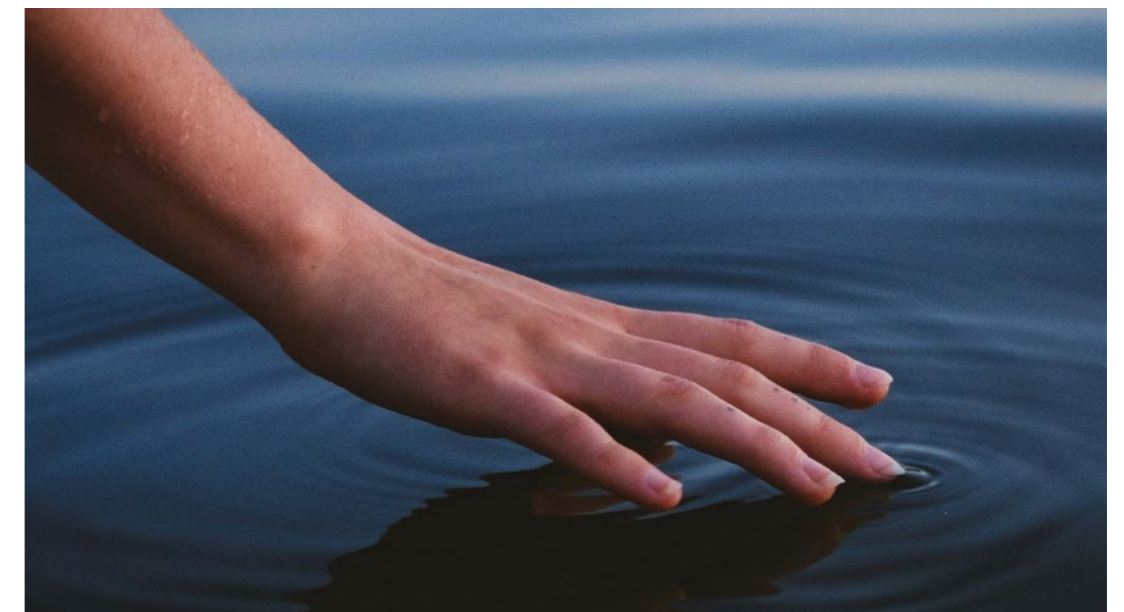
A clear leader in marina water management

A patented and revolutionary technology, Homeport Marina Oxyfusion™ systems use ultrafine gas fusion to restore the natural balance of water in even the busiest marine environments.

Homeport Marina Oxyfusion™ system is not an aeration system and it does not use chemicals. Active at a nano-scale, ultrafine bubbles are introduced to water where they begin to act on pollutants and anaerobic life that cause odour, turbidity, biofilm and contamination.

With an active lifespan of up to three months, Homeport ultrafine bubbles disperse via Brownian motion within the water body where they react with pathogens

and pollutants, dispersing them and disinfecting the water. When it comes to the sludge layer in marinas, the benefit of ultrafine bubbles lies in activating aerobic breakdown and the oxidation of heavy metals and other contaminants that reduces the sludge layer by enabling aerobic bacteria to break it down into active organic compounds. To aid this process, Ultrafine bubbles endure in water and dissipate across a broad volume in three dimensions, leading to the promotion of healthy life and a natural re-balancing of the resource.

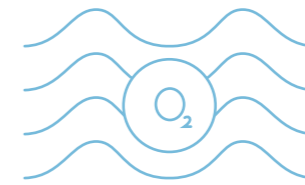




The natural, sustainable solution

The fundamental solution to water quality issues is the re-balancing of oxygen levels. Current methods of approaching this involve chemical treatment and aeration systems, but neither of these have been proved effective over time. Both solutions are expensive and inefficient – especially when compared to Homeport Oxyfusion™.

The unique method of ultrafine bubble dispersal means that Homeport systems adapt to the needs of each body of water. The ultrafine bubbles neutralise pathogens and pollutants whilst increasing the dissolved oxygen levels in water, increasing aerobic potential and naturally restoring the equilibrium of the aquatic eco-system by:



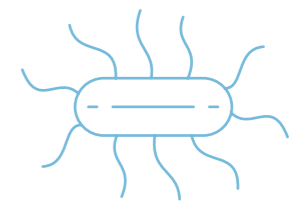
Increasing dissolved oxygen levels quickly and evenly



Removing pathogens and pollutants from the water



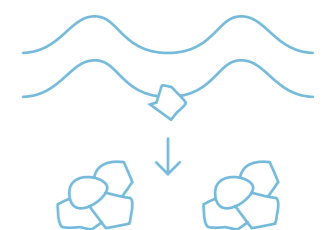
Eliminating bad odours



Reducing biofilm



Increasing biodiversity

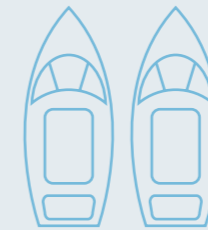


Reducing sludge layer



The results?

A more naturally beautiful, attractive and operationally efficient marina that is appealing to boat owners and marina users, and a harmonious environment that promotes the continuous regeneration of nature.



**Higher berth
occupancy**



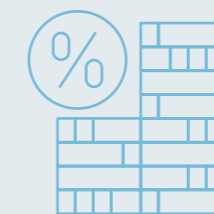
**More attractive
water fronts**



**Smell free
environment**



**Reduced
sludge layers**



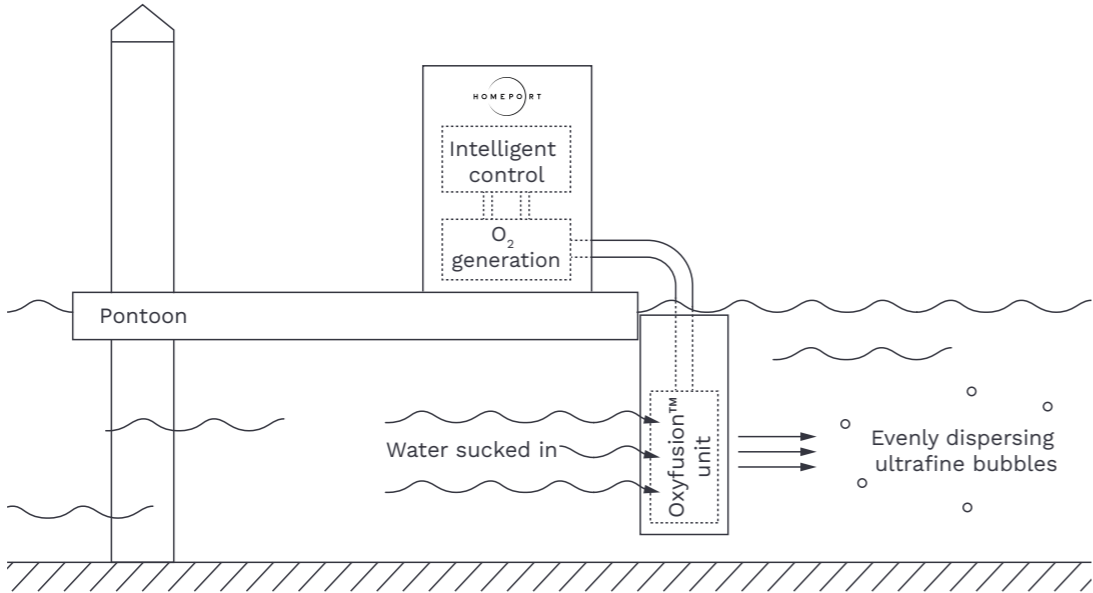
More asset yield



Lower management cost

Homeport Marina Oxyfusion™ systems

Homeport systems are specially developed for use in the marina environment. With land-based and submersible options available, our units are designed to be unobtrusive, quiet, and environmentally friendly.



Customizable to match marina infrastructure, Homeport Marina Oxyfusion™ systems are cloud-enabled to allow remote monitoring and use mains electricity to deliver power to a dispersal pump and medical grade oxygen generator.



Engineered to the highest standards in Germany, Homeport units are robust and high quality, but the key difference is in the effect they have. World leading technology and advanced science combine to deliver effective marina water management with a 100% natural approach to marina regeneration.



Dockside Hub
Intelligent control and O₂ generation



Submersible Unit
Oxyfusion™ enabled water delivery

We like to think that the only thing between Homeport and the alternatives is clear water.

In the business of marina and waterway management, Homeport Marina Oxyfusion™ systems maintain and improve your most valuable asset to create an environment rich in both diversity and opportunity.



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