

O²ctopus[®]

FBC
Technologies, Inc.

FLOATING FINE BUBBLE AERATION SYSTEM



Stainless steel construction for long service life.

The O²ctopus is a floating, surface-maintainable aeration system. The system offers all the advantages of fine or coarse bubble diffusion and is constructed from high-strength stainless steel. Each O²ctopus system is specifically designed for easy maintenance, heat retention in cold months, and reduced electrical consumption. The units do not require ANY electrical connections to be made in the water as they are fed air, via robust hose and stainless fittings, by an on-shore blower.

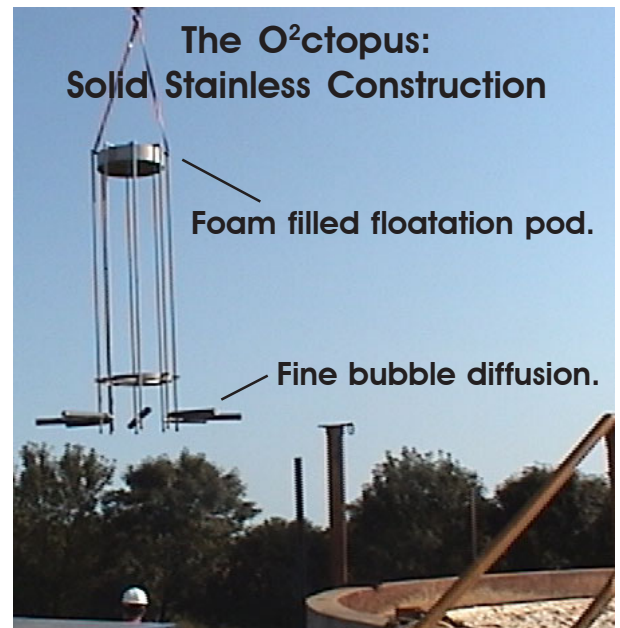
Once the air is delivered to each unit, the custom-manufactured legs are designed to reach the lowest possible point in your basin and maximize bubble contact and subsequent OTE. Tubular diffusers are used on the bottom of each leg, for a total of eight, to disperse the air into microfine bubbles that allow dissolved oxygen to be readily consumed by waste-consuming organisms.

Each O²ctopus is secured with stainless cable and clamps to keep them in place, but allow for easy disconnect if servicing is required. The system's diffusers are easily maintained. Simply use the quick disconnect cam-and-groove fitting to remove the unit from air service and plug the hose. Tow the 150 to 200 pound unit to shore and return the remaining units to service! This process takes no more than 15 minutes and remember that you don't have to shut down the whole system for a prolonged period of time to service just one O²ctopus unit!

The O²ctopus Floating Fine Bubble aeration system is truly in a league of its own. Please contact us soon to discuss how we can fit this marvelous innovation into your wastewater treatment system.

SYSTEM BENEFITS

- All stainless steel construction for long service life
- High efficiency diffusion design
- Eight diffuser design creates thorough mixing zone
- Wet installation into existing basins
- Fantastic Oxygen Transfer Efficiency - up to 3x more HP efficient than floating "splashers"
- System designed to be operational while single units are removed for service
- Ideal for upgrade of lagoons, tanks, SBRs, extended aeration basins, activated sludge, and aquaculture



O²ctopus units quickly connect to air feed lines and allow for a very maintenance-friendly system.

57 North Street, Suite 130 - LeRoy, NY 14482

PH: (585) 768-4530 FX: (585) 768-4662 www.FBCTech.com