

## Complete Ozone systems for Aquaculture Peak<sup>5X</sup>™

### System Features Include:

- Fully Integrated & Self Contained
- Compact Footprint
- PLC with Touchscreen
- Liquid-cooled Plasma Block
- UL508A Enclosure
- Low Maintenance & High Reliability



Pinnacle's science and engineering approach is revolutionizing food safety and sanitation for the High Purity Water industry.

As an ISO9001 Registered Manufacturer and UL 508A Listed Panel Shop, all Pinnacle systems are designed and built to the highest industrial standards. No other supplier of ozone process technology can match our product range, capabilities, or depth of experience.

Pinnacle Ozone is confident in its ability to meet or exceed our customers' expectations for their most challenging ozone process needs. Contact us to learn more about our capabilities and solutions.



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## Ozone & Aquaculture

Ozone is an essential part of a life-support filtration system for aquaculture facilities. Ozone's oxidizing capability, short residual times and minimal by-products makes it ideal for disinfection and water purification in aquaculture processes. The application of ozone in the water filtration system serves as a means for disinfection, organic breakdown, color removal and the reduction of nitrogen by oxidation (i.e. ammonia and nitrite ions). Oxygen, necessary for the fish in grow out tanks, is provided as part of the injection of oxygen/ozone gas mixture. Ozone's fast reactivity, oxidative strength, disinfection power and lack of harmful by-products plays an important role in life support systems for the aquaculture industry.

Pinnacle Ozone provides rugged, reliable systems to meet the most mission-critical applications. Pinnacle's process controls and complete online monitoring offer facilities precise control and failsafe automation to ensure the best results. Our systems are supplied with manual and automatic process controls, data collection, and remote monitoring that simplifies operations and reduces cost at your facility. Pinnacle's systems can be adapted to new or existing applications of any capacity. All Pinnacle Ozone systems are precision engineered and built by our UL 508A Listed Panel Shop and ISO9001 Registered manufacturing process backed by the support of our national network of service professionals.

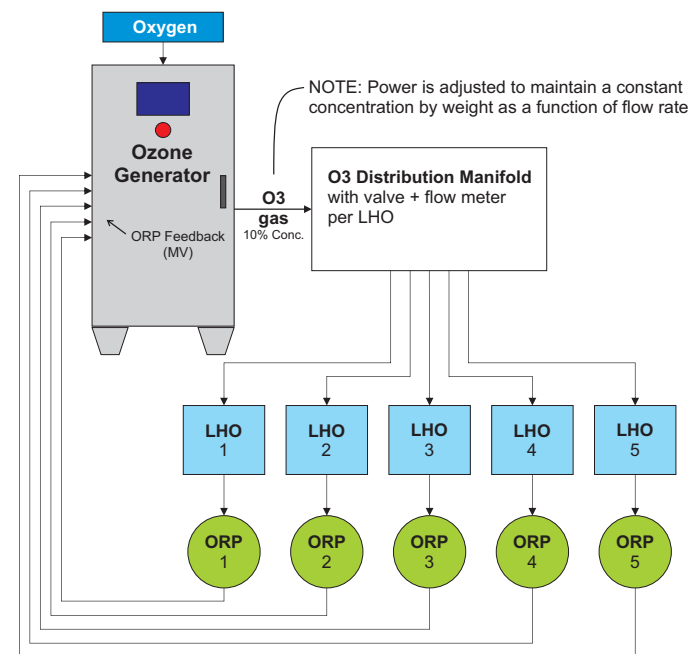


### Applications

- Fish
- Shellfish
- Aquariums

### Advantages

- Maintains the High Level of Water Quality & Clarification
- Oxidizes Ammonia & Nitrite Residuals
- Bacterial & Viral Disinfection
- Oxidizes Organics & Microorganisms
- De-colorization of Water
- Compatible with Existing Aquaculture Systems
- Reduce: True Color, Biochemical Oxygen Demand, Dissolved Metals, Nitrite, Bacteria Loads, and Sex Steroids
- Increase UltraViolet Transmittance



LHO: Low Head Oxygenator  
ORP: Oxidation Reduction Potential Sensor