

Large Tank Applications

Ozone Product Solutions

OZOTECH

AIM Tank Oxidizing & Sanitizing System

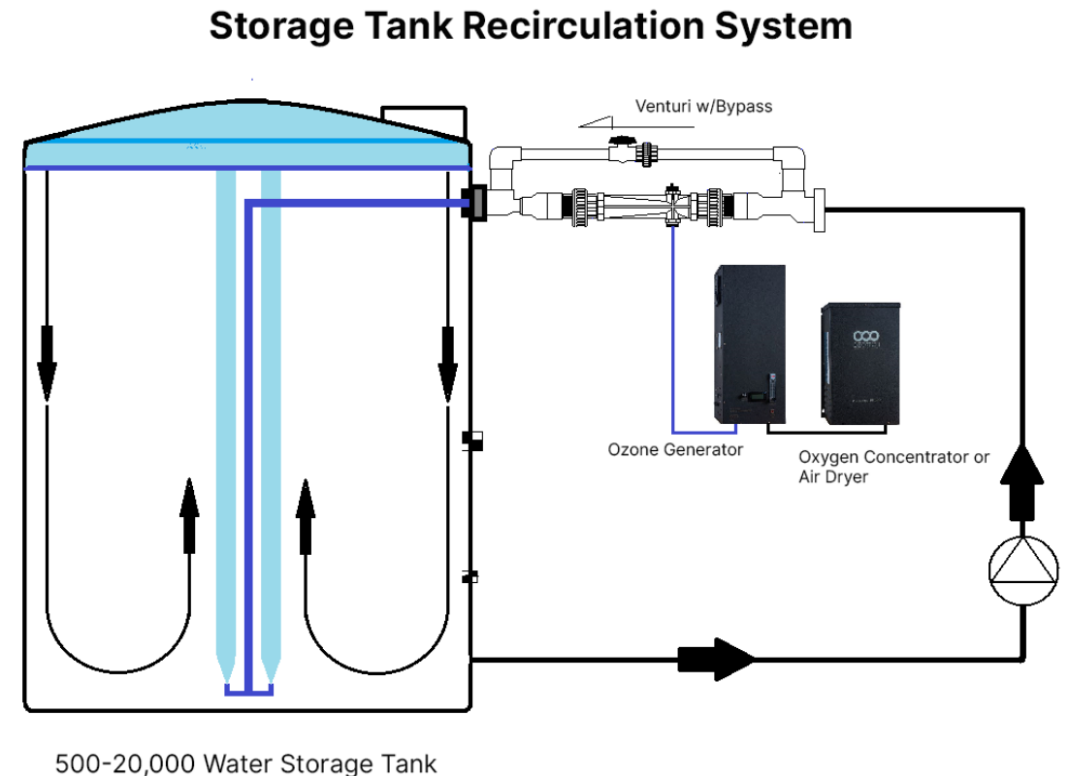
The AIM tank sanitizing system can be configured to create a recirculation flow from the bottom of the tank to the center top and back down to the bottom. This system is used in process's that require the water to stay in motion. The recirculation pump will take the water from the bottom of the tank and recirculate through the building or process. The ozone is added when the water is returned to the tank for storage. Tank volumes of 1,000 -25,000 gallons are within the treatment limit of this line.

The AIM tank oxidizing & sanitizing system requires added components such as:

1. Air dryer or oxygen concentrator
2. Venturi w/ bypass
3. Recirculation pump (If not already present)

Batch Treatment Reduces:

- Iron
- Manganese
- H₂s
- Iron related bacteria



AIM Bubble Diffusing Tank Treatment

Storage tanks using bubble diffusing treatment keep tanks fresh and clean while storing liquid for later use. In principle, by pumping ozone to the bottom center of the storage tank, the rising bubbles oxidize the water within the ozone column while the water from the tank recirculates downward and toward the center of the tank. Recirculation is made possible by surface tension around the ozone bubbles that carries the water in the center to the top. Calculations for the right sized AIM unit are based on the tank size which can be from 200 – 25,000 gallons.

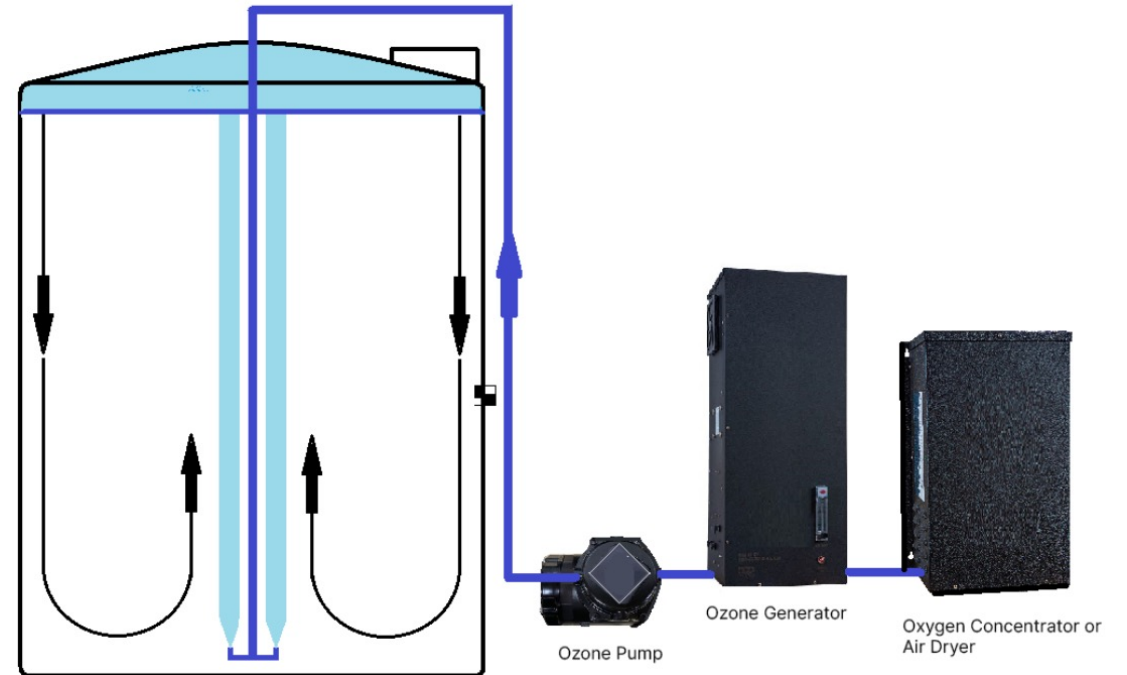
Benefits of the AIM Bubble Diffusing Tank Treatment System:

- Keeps a clean tank clean
- Helps to prevent bio growth
- Easy stand-alone system

The AIM tank oxidizing & sanitizing system requires added components such as:

1. Air drier or oxygen concentrator
2. Ozone resistant air pump

Tank Sanitizing Ozone System



Ozone Resistant Compressor/Vacuum Pump

LP ozone Pump is completely oil-less and comes with our relentless commitment to quality, performance, and overall service to our customers. Our business mindset is to provide customers with exactly what they require. Flexible component and product designs allow for a wide range of customization inflow and pressure performance, input power, port locations, accessories, and more!

LP Series Pump Benefits:

- Ozone resistant
- Long service-free life
- Low vibration & sound level
- Corrosion resistance
- Cool operating temperatures
- Electrically safe
- Low power consumption
- Restart against load

LP Series Pump Features:

- Thin-walled, hard-coated anodized cylinder
- Oil-less, non-lube PTFE piston seal
- Permanently lubricated ball bearings
- UL recognized motor & thermal protector
- Balanced eccentric/connecting rod assembly
- Epoxy E-coated wetted components
- Stainless steel valves, retainers, and screws
- Die-cast aluminum components
- Efficient 4.4" diameter motor
- Oversized front-mounted 9-blade fan
- Arc-formed valves (optional)



Air Dryer Product Solutions



DI Dryer 2.0



EOG Cartridge Dryer



EOG w/Electronic Air Dryer



IQ-20 Air Dryer



IQ-40 Air Dryer

DI-Air Dryer 2.0

The DI-Air Dryer 2.0 is a small affordable air dryer that changes colors when the desiccant media stops producing dry air. Its compact size and affordability makes it the perfect choice for small ozone applications with a low duty rating. Once exhausted the media can be recharged in your oven or in the sunlight in dry locations.

EOG DI-Air Dryer Kit

The EOG DI-Air Dryer Kit comes with everything you need to attach the DI Air Dryer to the EOG unit. Once attached to the EOG, the DI Dryer reduces maintenance due to moisture entering the ozone generator. Replacement dryers can be purchased separately from the kit.

EOG II With Auto regen Air Dryer (In Development)

The EOG II with auto Air Dryer comes with an integrated auto regen air drier. Everything you need is included in the EOG that is made for harsh, humid conditions. The EOG II with auto regen Air Dryer reduces maintenance due to moisture entering the ozone generator.

IQ-20 Electronic Air Dryer

The IQ-20 Air Dryer is a single bed, air drier that delivers dry air by day and regenerates its dryer bed at night. The powder coated enclosure protects the electronics while the timed electronics ensure dry air during its hours of programmed operation. It operates with 115 VAC or 230 VAC and will deliver 20 cubic feet per hour of dry air.

IQ-40 Electronic Air Dryer

The IQ-40 Air Dryer is a dual bed, air drier that delivers dry air 24 hours per day. Its dual bed design allows one dryer bed to regenerate while the other dryer bed is in service. The powder coated enclosure protects the electronics while the timed electronics ensure dry air 24/7. It operates with 115 VAC or 230 VAC and will deliver 40 cubic feet per hour of dry air.

OZOTECH SUPPORT

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Thank you!

We look forward to working with
your team!

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