

# Ozone Generator System

A natural choice as a bacteria & odor control



Complete Set



Ozone Dispersion Tube



Dispersion Stone

## Why Ozone Generator?

Ozone is a natural choice as a bacteria and odor control system for managing all types and brands of metal working fluids. Ozone gas sometimes called active oxygen or  $O_3$  is generated within the cabinet and is fed into the fluid through a tube connected to a dispersion element placed near the bottom of the sump / tank.

As the ozone gas is dispersed through the fluid, the ozone instantly kills all forms of bacteria, fungus, yeast and mold on contact and then reverts to its original form: oxygen. The ozone generated does not alter the fluid in any way and does not harm the operators.

Valve & Bracket



## Benefits:

- Safe for use with all types of coolants
- Very low cost of operation - pennies per day
- Improve your plant's environmental performance
- No biocide chemicals to buy or mix. Does not cause dermatitis
- Improve health and safety of your coolants
- Keeping your coolants clean and healthy greatly reduces the cost of treatment and disposal
- Does not harm equipment, operators or coolants

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For decades coolant rancidity, “monday morning stink”, the hydrogen sulfate odor (rotten egg) has been a common cause of coolant failure and subsequent “pumping and dumping” of coolant tanks. This results in unnecessary costs for disposal and new coolant replacement.

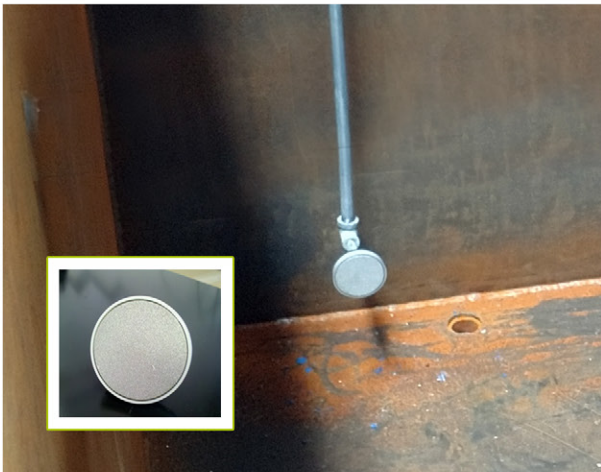
The Ozonator is a safe and economical way to provide consistent bacteria and odor control for individual coolant sumps, recycling systems, parts washers, and other process tanks such as wastewater tanks and pits.



**Ozone Generator on SmartSkim  
coolant recycling system**



**Ozone injected into coolant via  
dispersion tube**



**Micro-porous stainless steel dispersion  
stone at the end of dispersion tube**

Included with each Ozonator is a stainless steel dispersion stone. This porous high tech stainless steel dispersion stone creates extremely small, high velocity turbulent bubbles for rapid ozone mass transfer. Superior construction provides long life and easy cleaning without deterioration.

Also included with air flow control needle valve, air filter regulator with gauge, solid aluminum bracket with magnetic cups for ease of installation. Optional dispersion tube can be purchased.

## Specifications

- Corona Discharge (CD) ozone generator
- Electrical: 120VAC 60Hz 0.2A, 220VAC 50Hz 0.1A
- Dimensions: 5.875" H x 5.375" W x 2" D, 2 lbs.
- Ozone Output: 0.3 g/h @ 6 SCFH
- Very low cost of operation - pennies per day
- Improve health and safety of your coolants