

# AOS Ozone Water System



The AOS System is a small scale turn-key ozone water system for 4 to 6 g/hr versions. This system is perfect for water treatment applications where lower dissolved ozone levels are required with higher water flow rates.

## APPLICATIONS

- Food Processing
- Bottle water
- Surface sanitation
- Aquaculture
- Well water treatment
- Dairy applications

## AOS TECHNOLOGY

Ozone is produced via corona discharge with the VMUS-4 Ozone Generator. Ozone is produced from dry air that is provided with the VMD-8 Air Dryer. Ozone and air are pulled through the Ozone Generator and Air Dryer and into the water with a Mazzei venturi. The venturi pulls ozone into water via vacuum and mixes this ozone efficiently with water.

Ozone is mixed with water in the contact tank. This tank will efficiently mix ozone gas with water and provide excellent mass transfer of ozone gas into the water. All excess gas is off-gassed through the air vent on the top of the contact tank.

## SYSTEM FEATURES

- One-touch ON/OFF switch
- Ambient ozone safety sensor integrated into central controller
- Stainless steel piping is used for maximum ozone resistance
- Stainless steel ozone compatible pump
- Vacuum driven air dryer and ozone generator = no moving parts
- Ozone produced under vacuum = no ozone leaks
- Compact design

### **Oxidation Technologies, LLC.**

214 US Highway 18  
Inwood, IA 51240

(515) 635-5854

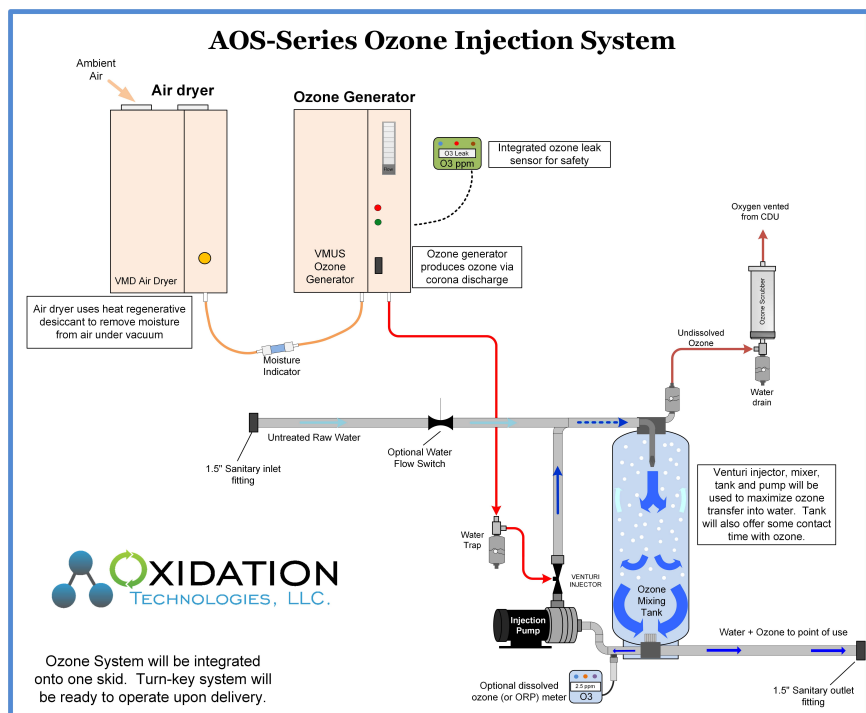
Sales@oxidationtech.com  
www.oxidationtech.com

Model	O3 Output	Air Flow	% O3	Max Water Flow	Ozone Dosage
AOS-4	4 g/hr	20 SCFH	0.5%	30 GPM	1.76 ppm @ 10 GPM
AOS-6	6 g/hr	20 SCFH	1.0%	30 GPM	1.32 ppm @ 20 GPM

## SYSTEM LAYOUT

### SYSTEM COMPONENTS

System includes all equipment necessary to produce ozone and mix ozone with water. Only water connections and electrical power are required. Ozone is produced from dry air under vacuum, therefore no other moving parts (besides a water pump) are required for operation.



**EACH SYSTEM IS DESIGNED AND TAYLORED TO YOUR SPECIFIC APPLICATION!  
CONTACT US TODAY TO DETERMINE WHAT'S BEST FOR YOUR SITUATION!**

### OPTIONAL ACCESSORIES

- Dissolved Ozone Monitor
- ORP Monitor
- Ozone Catalyst Unit
- Remote ambient Ozone Sensor
- Water Pressure Switch
- 220 VAC option

**Oxidation Technologies, LLC.**  
214 US Highway 18  
Inwood, IA 51240  
(515) 635-5854  
Sales@oxidationtech.com  
www.oxidationtech.com