

ZERO₃

Chemical Free Onboard Cleaning

TOMCAT



Solution Flow Rate:	0.4 GPM
Ozone Concentration: *(Depends on Unit / Supply Water / Temp / pH)	0.5 - 1.20 PPM*
Power Supply:	24 - 36 VDC / 60 HZ

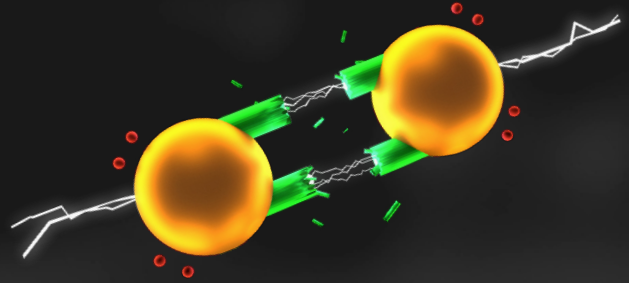


OZONE & HOW IT WORKS

SPLITTING THE O₂

HOW WE TRANSFORM OXYGEN (O₂) INTO OZONE (O₃)

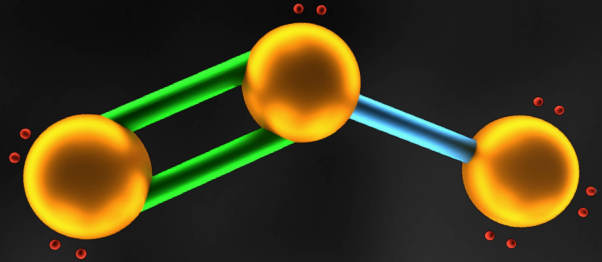
Inside each ZER03 Generator, Oxygen (O₂) molecules are split into single radical Oxygen (O₁) atoms via the corona discharge.



O₂ BECOMES O₃

AQUEOUS OZONE IS CREATED

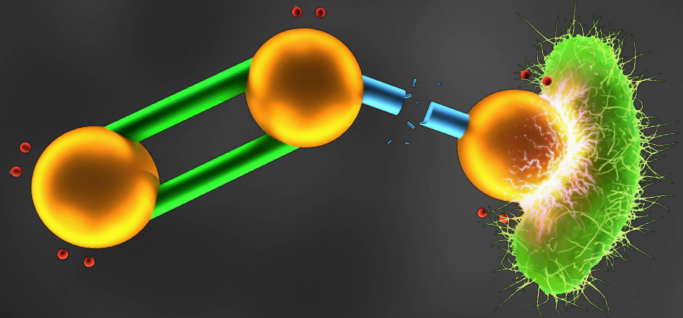
The single radical Oxygen (O₁) atoms bond to remaining Oxygen (O₂) molecules, creating Ozone (O₃).



O₃ ATTACKS

SAFELY DESTROYS CONTAMINANTS

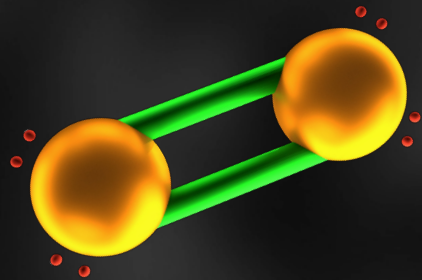
Unstable Ozone (O₃) molecules find contaminants to oxidize. The radically bonded Oxygen (O₁) atom will attach to the contaminant and destroys the cell wall, eliminating the contaminant.



O₃ BECOMES O₂

SAFELY CLEANING

Now, only simple Oxygen (O₂) molecules are left, suitable for safe disposal.



ELIMINATES ODORS

Ever wonder what creates those awful smells in your equipment's recovery tank?

The use of cleaning equipment creates dirty cleaning equipment. When equipment is not cleaned thoroughly, usage and storage results in smells and cross contamination.



Ozone (O₃) is widely used to eliminate odors from fire, smoke, pets and many household problems. Ozone (O₃) in solution removes odors, reduces employee and customer complaints, and creates a healthier work environment.

ARE "GREEN" CHEMICALS

TRULY SUSTAINABLE?



	Green Chemicals	ZERO3	
Requires Off-site Production	Yes	No	
Requires Transportation	Yes	No	
Requires Packaging	Yes	No	
Ends Up In Landfill	Yes	No	
Reverts to Water	No	Yes	
			= Non-sustainable = Sustainable



EFFECTIVE ALL PURPOSE CLEANER

Similar to how Bleach oxidizes, Ozone's (O₃) third radical atom makes it an extremely powerful cleaning agent.



SAVES THE BOTTOM LINE

Save money compared to chemicals. Remove the high costs and safety concerns associated with transportation and mixing of detergents.



BACKED BY SCIENCE

The use of Aqueous Ozone as an effective and safe oxidizer of organic matter spans over 100 years. Used in water treatment plants around the world.



ENVIRONMENTALLY & OPERATOR SAFE

There is no danger of chemical spill. Employee health is protected through it's operator friendly, non-caustic, non-toxic, and antimicrobial properties.

CALL FOR A DEMONSTRATION



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Since 1986, our family owned company has been designing, building and supporting the best in floor maintenance equipment.

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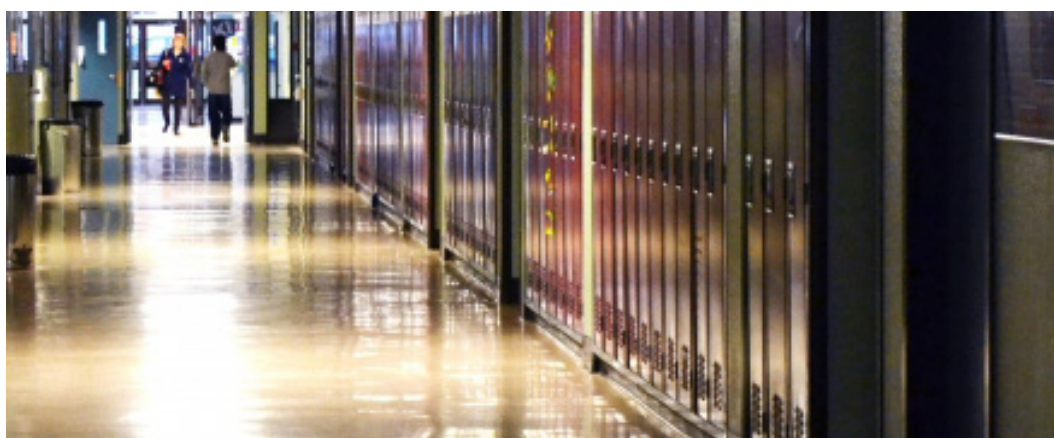
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Want Proof of Cleaning?



To measure how well cleaning protocols and products work, many professionals use ATP (Adenosine Triphosphate) meters to evaluate “Before” and “After” cleaning results.