

AM Ozonics

Ozone generator



3

Disinfectant | Deodorizer | Detoxifier

www.amozonics.co

About Us



AM Ozonics has built its credible reputation from the ground-up by consistently manufacturing high-quality ozone generators for water and waste-water treatment since the past 15 years.

Our team, led by Arshad Moolji, is committed to providing innovative solutions to meet the diverse needs of our clients.


At **AM Ozonics**, we believe that ozone is a powerful tool for water treatment, and we strive to provide our clients with the most effective and reliable ozone generators on the market. To ensure that our products meet the highest standards of quality and performance, we make it a point to only use high quality materials and components

Our team of experts have extensive experience in designing, manufacturing, and installing ozone generators for a wide range of applications, including but not limited to municipal water treatment, industrial wastewater treatment, swimming pool disinfection, packaged drinking water.

We work closely with our clients to understand their specific needs and provide tailor-made solutions that meet their requirements.

We are committed to providing excellent customer service and support to our clients. Thus, we are always available to answer queries, provide technical support, and offer training and guidance on the use of our ozone generators.

Thank you for considering **AM Ozonics** as your ozone generator supplier. We look forward to the opportunity to work with you and provide you with the best possible products and solutions for any and all of your water treatment needs.





OUR COMMITMENT



"We are committed to providing you with not only high-quality and reliable ozone generators but also exceptional after-sales services. Our team of experts are dedicated to ensuring that you receive the support and assistance you need to get the most out of our products. We stand behind our products and will work with you to resolve any issues or concerns you may have. Our goal is to provide you with a seamless experience from the moment you purchase our ozone generators, through installation, and beyond. We value your business and look forward to serving you for years to come."



What is Ozone?

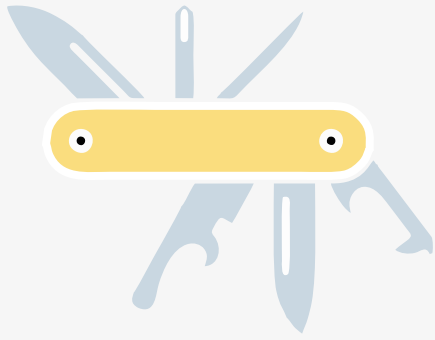
Ozone is a powerful oxidising agent that is used in water treatment to disinfect water and remove contaminants. When ozone is added to water, it reacts with organic and inorganic compounds, breaking them down into simpler, less harmful substances. It is effective against a wide range of pathogens, including bacteria, viruses, and protozoa, and can also remove taste and odour causing compounds.

In water treatment, ozone is usually produced on-site using specialised equipment that generates ozone gas by passing air through a high-voltage electrical discharge. The gas is then dissolved into the water, where it reacts with contaminants and disinfects the water.

Ozone is a highly effective water treatment method and is often used as an alternative to traditional disinfection methods such as chlorine. It is also environmentally friendly because it breaks down into oxygen, leaving no chemical residue in the water.



Disinfect | Deodorize | Detoxify



Ozone has a **VARIETY OF APPLICATIONS** in **DIFFERENT FIELDS**



Water Treatment: Ozone is used to purify water by destroying bacteria, viruses, and other contaminants. It is commonly used in packaged drinking water, portable and process water treatment plants, swimming pools, cooling towers and aquariums.



Air Purification: It is used to remove odour and kill bacteria and viruses in the air and is commonly used in hospitals, hotels, and offices.



Food Processing: Ozone is used to disinfect food and to extend the shelf life of fruits and vegetables as well as to remove pesticides and other chemicals from food.



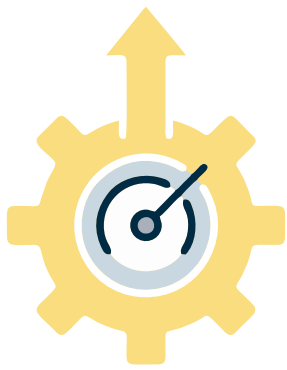
Medical Applications: It's been used in the treatment of various medical conditions; infections, wounds, cancer, etc. It can also be used in dentistry to disinfect dental equipment and treat gum disease.



Industrial Applications: Ozone is used to sterilise equipment and surfaces in the pharmaceutical and semiconductor industries, to treat industrial wastewater, and to remove colour from textiles.



Oxidation: Ozone is used in laboratories for research and development purposes, including the production of pharmaceuticals and the testing of materials.



Our Ozone Generators you can trust for **QUALITY & PERFORMANCE**

Quality: Our Ozone generators and Oxygen concentrators are manufactured completely in-house under strict standards using quality components. All components and assembly are tested as per our QAP, and FAT is performed on each ozone generator, with the testing report documented, so you can be assured of trouble-free performance.

Efficiency: Our high frequency IGBT-based resonance mode inverter technology ensures lowest power in industry per kg of ozone production, thus saving cost on power. Our ozone generator produces high concentration ozone even at ambient cooling water temperature, hence saving power for cooling and lower oxygen consumption

Safety: Our ozone generators are rated IP-55 and can perform in humid and/or dusty conditions without any damage. Our ozone system has integrated safety features such as spark protection which trips the system in case a person comes in contact with high voltage. Standard protection for ozone leakage, cooling water failure, over temperature, voltage fluctuation, return water and over pressure are provided with option for PLC and HMI.

Support: Our team of trained engineers will attend to any complications regarding the ozone system within short notices. They will not just repair but eliminate the root cause of the problem in order to prevent future breakdowns. We keep sufficient spares so you don't have to maintain any critical spares.

Customisation: Our experience with thousands of ozone generators supplied and in-house design teams ensures smooth integration of ozone system in your existing treatment system with minimal modification and expenditure.

Delivery: Our team is committed to delivering your order to you at the mutually agreed date, as we are aware that any delays in the delivery can be costly and disadvantageous for you.

Warranty: With the best components and strict quantity control, our machines rarely develop a problem due to a manufacturing defect.

Hence, we are able to give a **3-year warranty** on any manufacturing defects.

OUR PRODUCTS



Ozone generators

- IP-55 rated to work in moist and dusty environment
- Enclosed electrode to prevent sparking and ozone leakage
- Resonance inverter technology using latest IGBT to give high ozone concentrations at lower power
- High barrier Quartz dielectric for higher electrode life
- Water cooled stainless steel 316l electrode housing to give consistent high ozone output
- Oil immersed High voltage transformer for zero tq
- Over temperature protection
- Cooling water failure protection
- Oxygen flow failure protection
- Ozone on indicator
- Residual charge in panel indicators



Oxygen concentrator

- Imported high efficiency PSA Oxygen zeolite
- Stainless steel towers for long life and no corrosion
- heavy duty spring piston arrangement to prevent fluidisation of sieve bed
- Proprietary micro logic sequence controller for consistent oxygen purity and minimum flow variance during changeovers
- Long life solenoid valves
- Built in micron filter for oil removal

Ozone generator mini series



Model	Ozone output	Required Oxygen flow
S1-300 Air cooled	10 grams per hour	5 lpm
S2-300 Air cooled	20 grams per hour	5 lpm
S1-300 water cooled	25 grams per hour	5 lpm
S1-600 water cooled	50 grams per hour	7 lpm



Click to Explore



Ozone generator standard series



Model	Ozone output	Required feed gas flow
S2-600	100 grams per hour	14 lpm
S3-600	150 grams per hour	20 lpm



Click to Explore



Ozone Generator Medium Series

Model	Ozone output	Required Oxygen flow
S4-600	200 grams per hour	30 lpm
S6-600	300 grams per hour	50 lpm
S8-600	400 grams per hour	60 lpm
S12-600	600 grams per hour	100 lpm



Click to Explore



Ozone Generator Large Series

Model	Ozone output	Required oxygen flow
S12-900	800 grams per hour	8 cubic meter per hour
S18-900	1200 grams per hour	12 cubic meter per hour
S36-900	2400 grams per hour	24 cubic meter per hour




Click to Explore



PSA Oxygen Concentrators

Model	Ozone output	Air required
PSA -6	30 lpm	20 CFM
PSA -12	100 lpm	50 CFM
PSA-16	140 lpm	75 CFM
PSA-20	200 lpm	100 CFM



Click to Explore 

Ozone Dosing System & Destructor

Good Ozone Production requires good ozone solubility which is achieved with our **Venturi Injectors**



Features:

- * Extremely small bubbles with vortex flow for high ozone solubility
- * Made of stainless steel 316 for ozone resistance and long life
- * Can work with back pressure upto 30 meters

And for safety we have **Ozone Destructors**

Click to Explore 



* Centrifugal Ozone Extractor with Thermal Ozone Destructor



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AGUAPURO
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OF INDIA**
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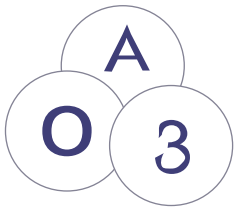


NOCIL LIMITED



and many more...

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Ozone generator

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