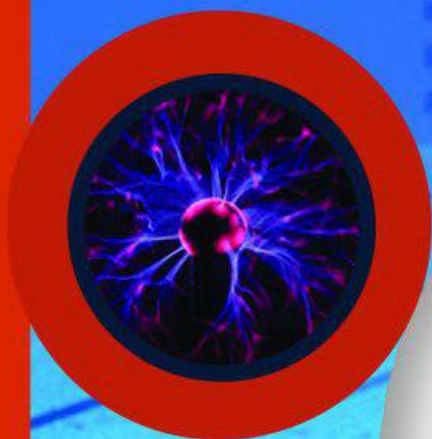


OZONE GENERATOR

Kavosh Yaran Fann-e pouya



2017

 Tel: +982122095460

 E.Mail: info@ad-kavoshyaran.com

 Web: www.ad-kavoshyaran.ir

Ozone (O₃) as the most powerful oxidizer and disinfectant can be widely used in many commercial applications. It is a proven solution for bacterial disinfection, inactivation of viruses, algae, fungi and cysts even at a low concentration. Ozone is a green alternative to chemicals that is over 3000 times more efficient than chlorine. It has full FDA approval for medical and food applications. Water treatment with ozone is known as a highly efficient method to reduce BOD and COD levels of industrial and municipal waste water. Ozone is generated on site and is inexpensive to produce.

OZ series system have been designed to generate ozone by cold plasma discharge technology in air or oxygen gas for use in a wide range of research, industrial and commercial applications such as disinfection of drinking water, swimming pool water and waste water, deodorization, decolorization, indoor air treatment, etc. OZ series units are engineered to provide the highest level of reliability, efficiency and efficacy. These systems are portable, easy to use and flexible to customize to meet customer needs and application.



Technical specifications:

Model	OZ50	OZ100	OZ200	OZ300	OZ400
Ozone output (g/h)	2	6	15	20	30
Electrical input	220V 50 Hz				
Power (W)	50	100	200	300	400
Maximum withstanding pressure (bar)	4				
Size (cm)	30×20×40		40×25×50		50×35×90
Weight (kg)	-15	-20	-35	-45	-60
Cooling system	Air cooling fan			Water cooling	
Gas feed	Oxygen or clean dry air				

Note: Ozone generator power is unlimited and custom design is available.



Special features of OZ series systems:

1. Working based on cold plasma discharge
2. Designed for withstanding pressures up to 4 bar
3. Variable ozone output
4. Stainless Steel O₃ outlet
5. Air or oxygen feeder
6. Plug and play
7. Safe for electronic
8. Portable
9. With lamp status indicators

Applications:

- Indoor air treatment like greenhouses and stalls for no order, clean and fresh air and effective microbe control
- Fix drinking water problems such as organic and inorganic compounds, pollutants and disinfection
- Pools water treatment
- Enhancement of commercial laundry performance
- Agri-food areas include fresh fruit and vegetables packaging, processing meat, poultry, and seafood products, extend product shelf life and process water purification
- Recycling of wastewater
- Research purposes