

All-In-One Ozone Generators

Ozcon All-In-One ozone generators provide high concentration and constant ozone production with the patented Microgap dual corona discharge method. These units have an integrated oxygen concentrator.

APPLICATIONS

- Wastewater Treatment
- Bottled Water
- Industrial Odour Control
- Disinfection

MAIN FEATURES

- Advanced technology
- Full control on your generator
- Compact size

FEATURES

- 10 to 50g O₃/h ozone production
- Reliable and long service life
- High ozone concentration
- Very compact dimensions and easy integration
- Low maintenance
- Low power consumption
- HMI control



OZCON Technology

All-In-One ozone generators are built for small or medium sized ozone applications. Unlike traditional electrodes, Ozcon adopts Micro-gap dual discharge technique, using high strength borosilicate glass and stainless steel. It's diameter as small as 12mm, discharge gaps are 0.1-0.3mm only, without the need for fuses or coatings. No need for regular cleaning or replacement of the electrodes, to keep the machines running efficiently and enhancing the continuous operational safety and reliability.



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TECHNICAL DATA

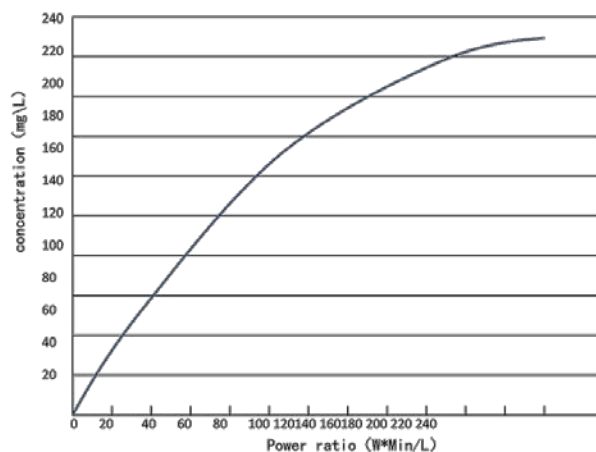
MODEL	:	HW-OS-10	HW-OS-30	HW-OS-50
OZONE OUTPUT (gO ₃ /h)	:	10	30	50
CONCENTRATION (mg/l)	:	120	120	120
RATED POWER (kW)	:	0.7	0.9	1.2
AIRFLOW (l/h)	:	200	300	450
WORKING PRESSURE (Mpa)	:	0-0.2	0-0.2	0-0.2
AIR DEW POINT (Co)	:		-45	
RELATIVE HUMIDITY	:		60%	
POWER SUPPLY	:		220V/50Hz	
WEIGHT (kg)	:		100	
SIZE (mm)	:		650x500x950	

HMI Interface



Graph for concentration and power ratio

Standard ozone concentration of HW-series ozone generator is 150mg/L, highest concentration can reach 230 mg/L(pure oxygen).If the amount of gas feed is fixed, when the power ratio changes, ozone outlet concentration will change accordingly like the curve:



Shape of cabinet ozone generator:

