

OZONE GENERATOR OZG 30 S, OZG 50 S



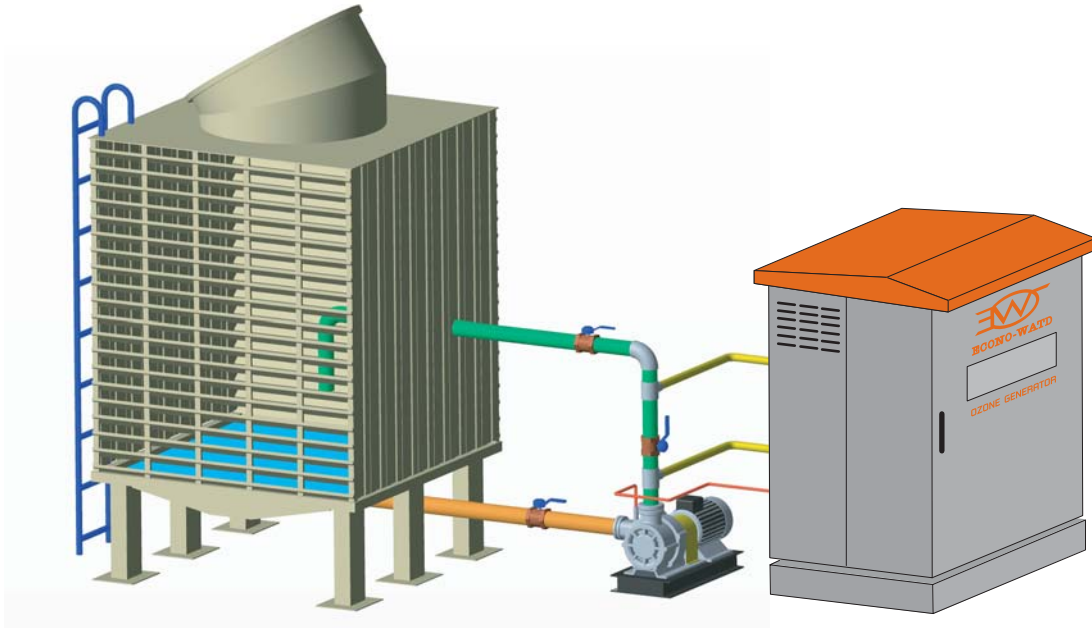
FEATURES

- ➔ Avoiding chemical usage in water of cooling system.
- ➔ Reducing maintenance cost of cooling system due to reduction of scale and microorganisms.
- ➔ Reducing make-up water supplying to cooling tower due to stabilizing water parameter.
- ➔ Kill more than 99% of bacteria in the water which causes of affliction.

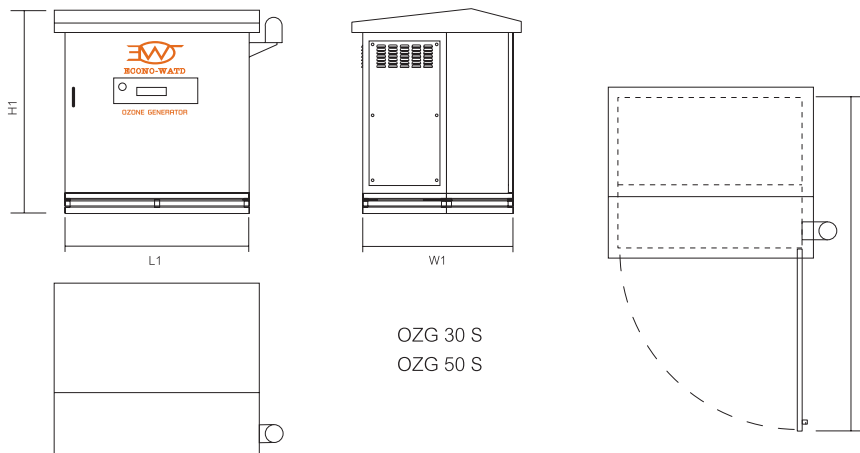
SPECIFICATION

Ozone Dissolve Capacity	up to 1.5 ppm (OZG 30 S)	Control System	MPCU (Maximum Performance
	up to 2.5 ppm (OZG 50 S) (at sampling point, 25 °C		Control Unit), PCL with LCD display
	clean water without chemical)	Monitoring System	GPRS, LCD panel
Ozone Gas Capacity	30g/hr (OZG 30 S)	Protection	Emergency Stop
	50g/hr (OZG 50 S) (at 25 °C)		Oxygen Failure
Internal Oxygen Supply	ATF Oxygen Modules		Corona Discharge Failure
	Flow 10 LPM at 90% O ₂ v/v (+3% / -5%)		Ozone Leakage Sensor
	Ta 4 °C to 54 °C (inside operating enclosure)		Over Current Protection
	Oxygen Delivery Dewpoint : -73 °C		Phase Loss Protection
Cooling System	Water and Air Cooling for Corona Discharge Chamber		Door open Protection
Supply Voltage	380V 3Ø, 4 Wire 50/60 Hz		Water Loss Protection
Power Consumption	7.04 kW/9.4 kW (OZG 30 S)	Alarm	Wireless Remote Alarm Box
	7.48 kW/9.8 kW (OZG 50 S)		Siren (optional)
Ozone Mixing Method	Dynamic Mixing up to 70% Efficiency of Mixing		Mobile SMS (optional)
	(at 25 °C clean water without chemical)		

INSTALLATION DIAGRAM



DIMENSIONS



TECHNICAL DATA						DIMENSIONS				
Model	Option	Product Code Option	Capacity (g/hr)	Rated Voltage (V)	Total Power Consumption	L1 (mm)	W1 (mm)	W2 (mm)	H1 (mm)	Weight (kg.) (Cabinet+Pump)
OZG 30 S	Standard IP42	OZGSET300G50SP 00000	30	3Ø 4w 50/60Hz	7.04 kW/9.4 kW	1,150	950	2,100	1,300	320 + 70
OZG 50 S	Standard IP42	OZGSET500G50SP 00000	50	3Ø 4w 50/60Hz	7.48 kW/9.8 kW	1,150	950	2,100	1,300	320 + 70

Note :

1. The product must be installed by skilled persons. All ineffective results will be caused by none professional installation.
2. Systems are comprised with ozone generator, oxygen generator, ozone mixing pump, monitoring and controller.

