

OZONE GENERATOR

OZG 1.5 N, OZG 5 N, OZG 10 N

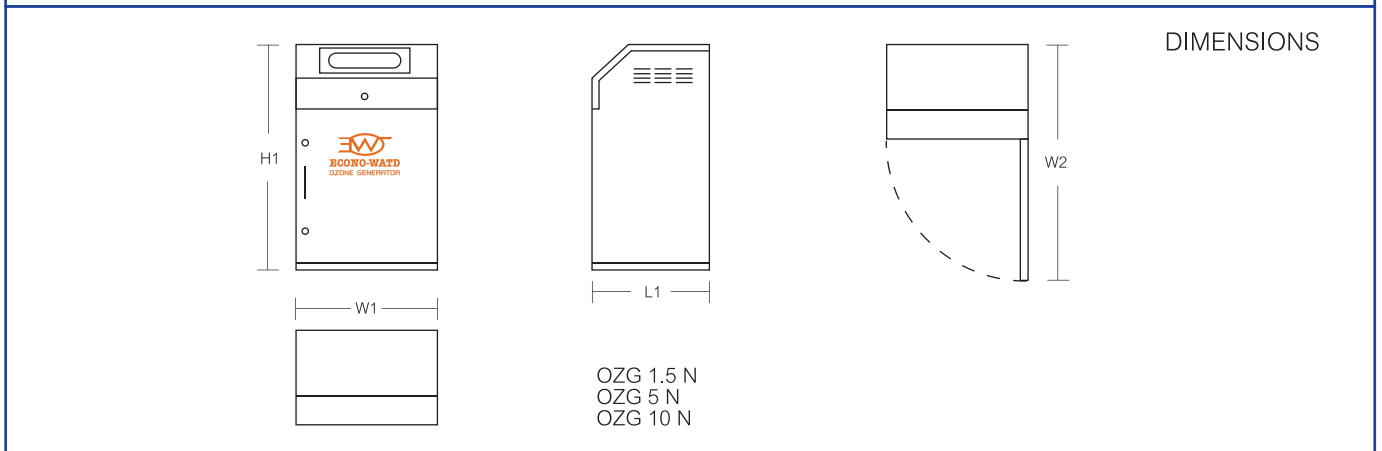
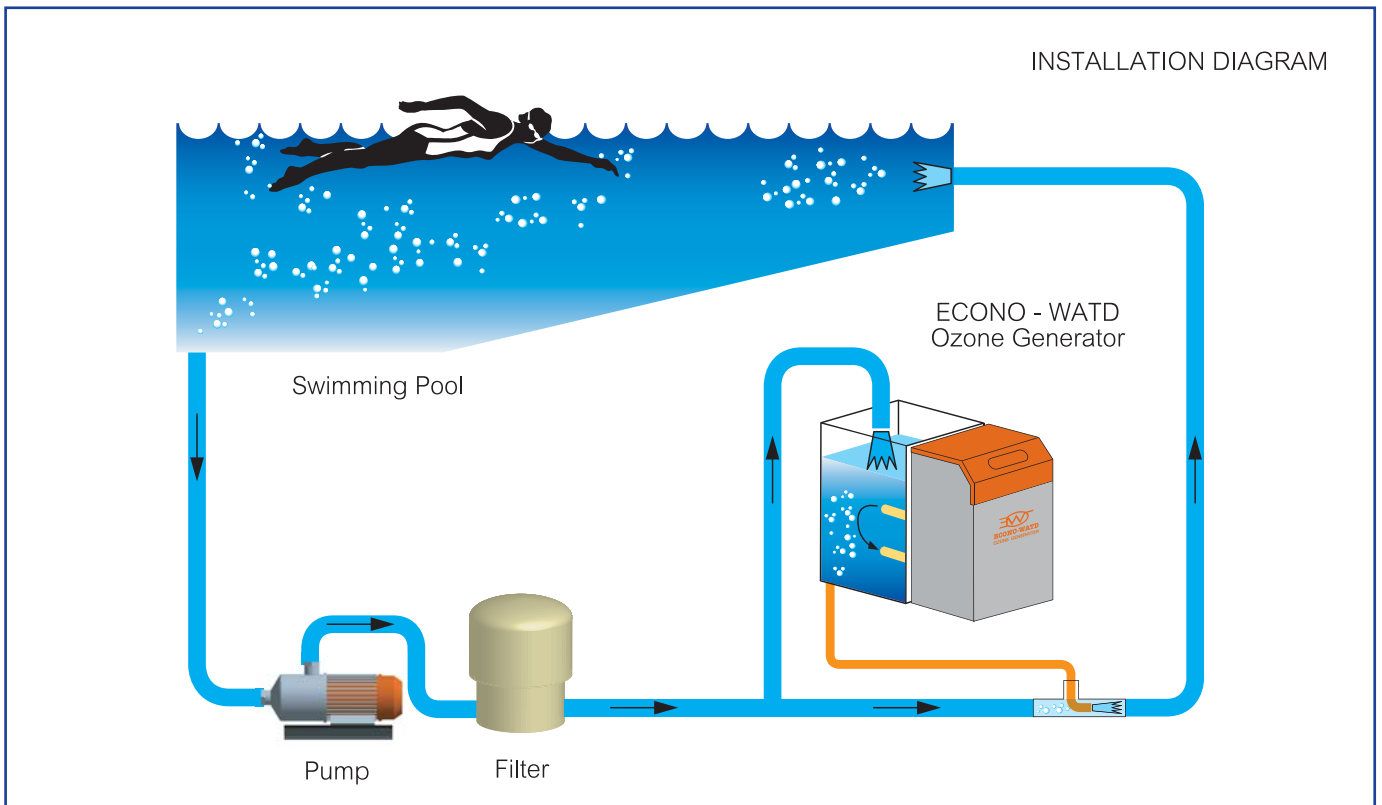


FEATURES

- ➔ 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 1.5 N)	Cooling System	Water and Air Cooling for Corona
	up to 5.0 ppm (OZG 5 N)		Discharge Chamber
	up to 10.0 ppm (OZG 10 N)	Ozone Mixing Method	Dynamic Mixing up to 70% Efficiency of Mixing
	(at sampling point, 25 °C clean		(at 25 °C clean water without chemical)
	water without chemical)	Control System	MPCU (Maximum Performance
Ozone Gas Capacity	1.5g/hr (OZG 1.5 N)		Control Unit), PCL with LCD display
	5.0g/hr (OZG 5 N)	Monitoring System	GPRS, LCD panel
	10.0g/hr (OZG 10 N) (at 25 °C)	Protection	Emergency Stop
Internal Air Supply (OZG 1.5 N, OZG 5 N)	Flow 60 LPM at 14.7 kPa		Oxygen Failure (OZG 10 N)
Internal Oxygen Supply (OZG 10 N)	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
Supply Voltage	220V 1ϕ, 50/60Hz		Door open Protection
Power Consumption	0.97 kW/1.4 kW (OZG 1.5 N)		Water Loss Protection
	1.27 kW/1.7 kW (OZG 5 N)	Alarm	Wireless Remote Alarm Box
	1.46 kW/2.0 kW (OZEG 10 N)		Siren (optional)
			Mobile SMS (optional)



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.)
OZG 1.5 N	Standard IP42	OZGSET1P5G15NPD 00000	1.5	220V 1 ϕ 50/60Hz	0.97 kW/1.4 kW	425	700	1,125	1,300	130
OZG 5 N	Standard IP42	OZGSET5P0G15NPD 00000	5	220V 1 ϕ 50/60Hz	1.27 kW/1.7 kW	425	700	1,125	1,300	131
OZG 10 N	Standard IP42	OZGSET100G15NPD 00000	10	220V 1 ϕ 50/60Hz	1.46 kW/2.0 kW	425	700	1,125	1,300	150

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.

