

# GAIA OZONE GENERATOR

## Reliable and effective technology

- Low energy consumption
- Integrated flow regulator
- Liquid cell cooling
- Made from aluminum
- Ozone-resistant fittings and check valves

## Connection points

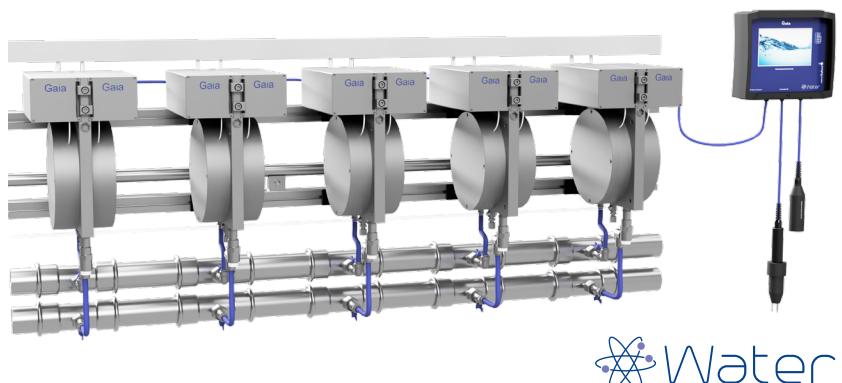
1. Power / communication socket
2. Oxygen inlet (4-6 mm PFA tube)
3. Ozon outlet (4-6 mm PFA tube)
4. Cooling inlet/outlet connections

	WGS (Single cell)	WGD (Double cell)
<b>Ozone output</b>		
Ozone production (g/hour)	62.5	125
Ozone concentration (% wt/wt)	10	10
Ozone concentration (g/Nm <sup>3</sup> )	150	150
Oxygen inlet 7 NL/min (LOX)*	7	14
<b>Operational area of Gaia</b>		
Operating pressure of the ozone generator (Recommended)	2-3 BAR (2.5 BAR)	2-3 BAR (2.5 BAR)
Oxygen inlet (%)	92-98 *	92-98 *
Oxygen dew point (°C)	-60	-60
Oxygen inlet pressure	2.5 BAR	2.5 BAR
Oxygen inlet flow rate (NL/min)	2-10	2-10
Cooling fluid inlet temperature (°C) (Recommended)	<20 (15)	<20 (15)
Cooling fluid flow (L/min, per generator)	7	7
Maximum allowable pressure of the cooling agent (BAR)	7	7
Electricity requirement (V/Hz)	230 V(AC)±3%, 50/60 Hz, Single Phase	
Current requirement (A)	4	8
Maximum power consumption (W) (Recommended)	600 (500)	600×2 (500×2)
Ambient temperature range (°C)	5-40	
Maximum relative humidity (% rH)	98, non-condensing	
<b>Operational conditions</b>		
Height (mm)	330	330
Width (mm)	300	300
Depth (mm)	120	216
Oxygen inlet (mm)	4/6	4/6
Ozone outlet (mm)	4/6	4/6
Materials	Stainless Steel / Anodized Aluminum / PTFE / PFA / PEEK	
Weight (kg)	12	20
IP class	IP21	IP21

\*If 100% oxygen (LOX) is used, you must add 2-5% nitrogen for the cell to work optimally.

Gaia is a compact and cost-efficient ozone solution. It is easy to install and operate.

Gaia is available as stand-alone or as part of a complete system including ozone sensors, ozone control unit etc.



 Water