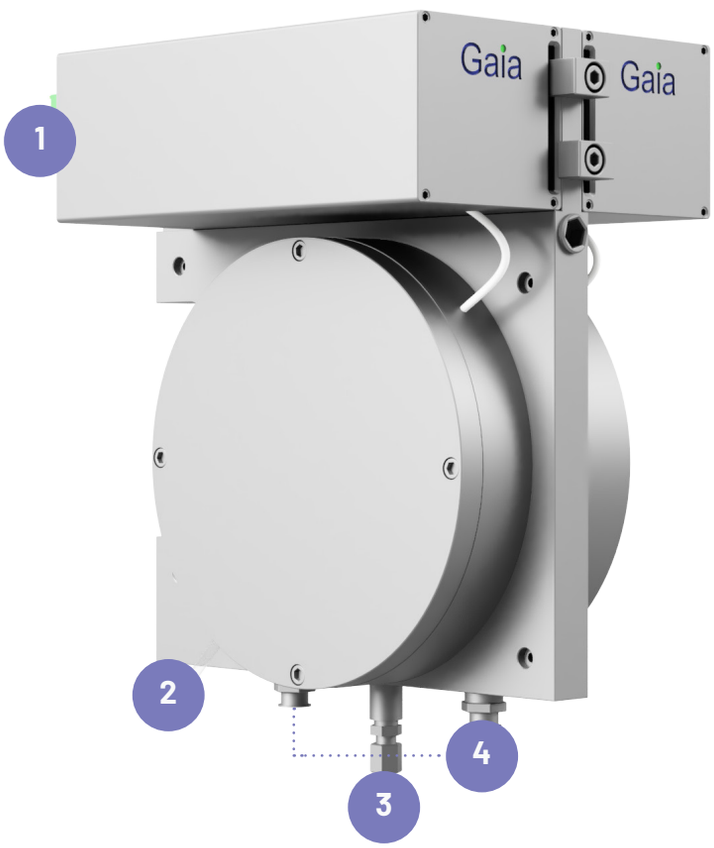
Water



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

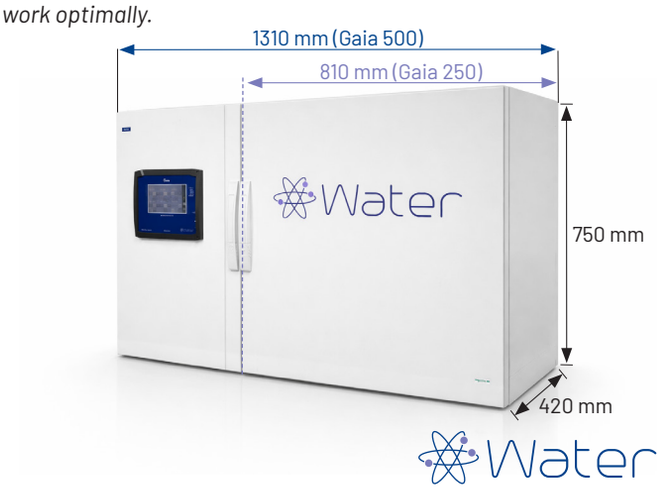
	WGS (Single cell)	WGD (Double cell)
Ozone output		
Ozone production (g/hour)*	62.5	125
Ozone concentration (% wt/wt)	10	10
Ozone concentration (g/Nm3)*	150	150
Oxygen inlet 7 NL/min (LOX)**	7	14
Operational area of Gaia		
Operating pressure of the ozone generator (Recommended)	2-4 BAR (3 BAR)	2-4 BAR (3 BAR)
Oxygen inlet (%)	92-98 **	92-98 **
Oxygen dew point (°C)	-60	-60
Oxygen inlet flow rate (NL/min)	2-10	4-20
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)	3.5	7
Maximum power consumption (W) (Recommended)	600 (500)	600x2 (500x2)
Ambient temperature range (°C)	5-40	
Maximum relative humidity (% rH)	98, non-condensing	
Operational conditions		
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

**When used with 100% oxygen*

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

Gaia Cabinet is available as a complete, ready-to-install system including ozone sensors, control unit, and all necessary components for safe and efficient operation. The Gaia Cabinet is available in capacities ranging from 62.5 g/h to 500 g/h.

Gaia Modular is a compact and cost-efficient ozone solution designed for flexible integration. It is easy to install and operate, and can be scaled by combining multiple units to match the required ozone capacity.



Water