



OXG-120

SPEC SHEET

OXG TECHNOLOGY

The OXG Series are built with an Ozone Generation Cell and Oxygen Concentrator in one system. The OXG-120 can produce ozone at 120 g/hr from 30 LPM. These Ozone Generators are compact, efficient, and easy to use with a wide variety of options and features. Simply plug into electrical power and produce both oxygen and ozone from one unit.



Main Features

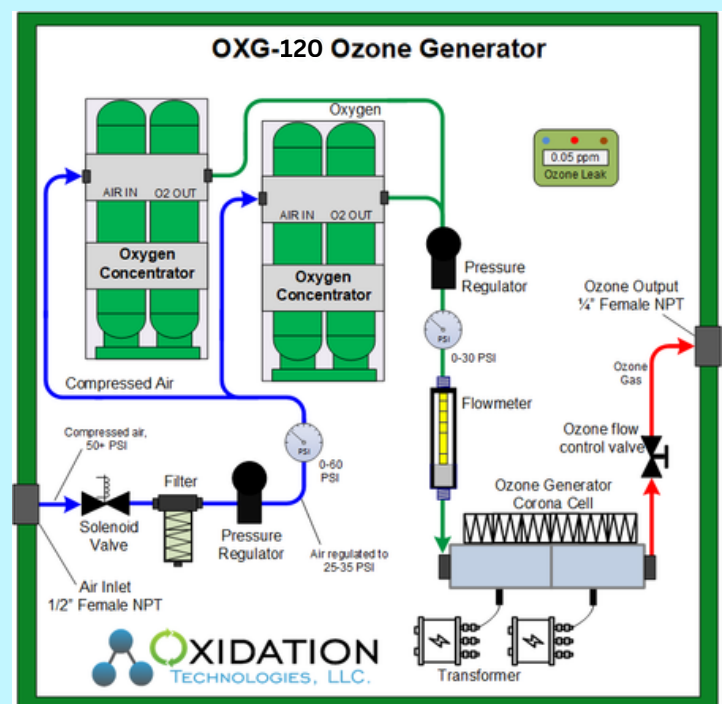
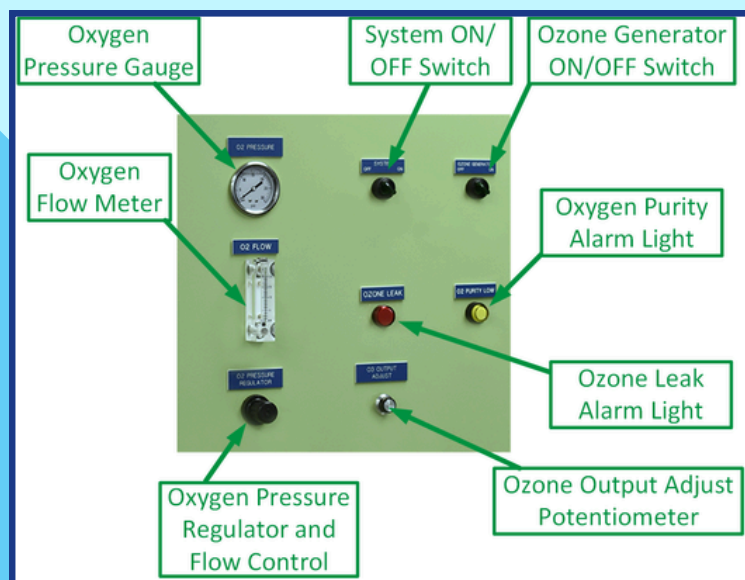
- Can produce high concentrations of ozone at lower flow rates
- Integrated ozone leak sensor
- Integrated oxygen purity meter
- Adjustable ozone output

Common Applications

- Water Treatment
- Bottled Water
- Laundry Applications
- Odor Control
- Agricultural Applications

SYSTEM DIAGRAM

Standard OXG-120 Diagram



OZONE PRODUCTION:

Performance Chart



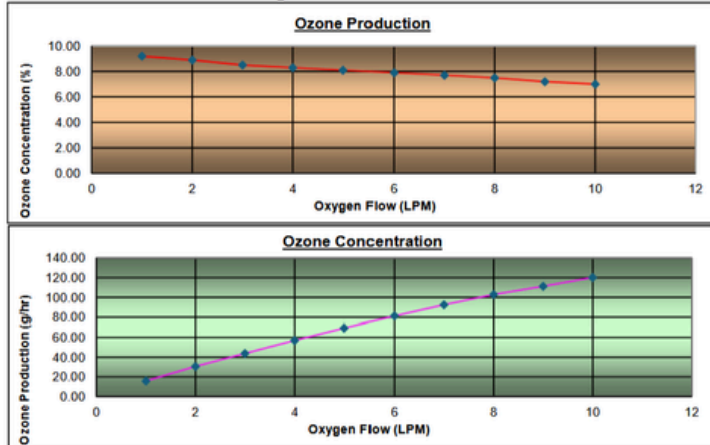
OZONE GENERATOR PERFORMANCE TEST

Model: OXG-120

Feed Gas : Oxygen

Rated Ozone Production = 120 g/hr from 30 LPM @ 7% by weight

Max Ozone Concentration = 9.2% @ 2.0 LPM



AIR FLOW (SLPM) 90-92% O2	Oxygen Pressure (PSIG)	OZONE CONC. (g/Nm ³)	OZONE CONC. (%W-W)	OZONE PRODUCTION (g/h)	COMMENT
2.00	20.00	131.56	9.20	15.79	
4.00	20.00	127.27	8.90	30.54	
6.00	20.00	121.55	8.50	43.76	
8.00	20.00	118.69	8.30	56.97	
10.00	20.00	115.83	8.10	69.50	
12.00	20.00	112.97	7.90	81.34	
14.00	20.00	110.11	7.70	92.49	
16.00	20.00	107.25	7.50	102.96	
18.00	20.00	102.96	7.20	111.20	
20.00	20.00	100.10	7.00	120.12	

Ozone Analyzer BMT 963 O2 Flow Meter Aalborg 171, Accuracy +/-5%

Customizable Options

Stainless Steel Enclosure – Upgrade the enclosure to be stainless steel

Ozone Analyzer – this additional piece of equipment will provide readout of the output of the ozone generator

Mass Flow Meter



Product Specifications

Feed Gas	Built-in O2 Concentrator
Nominal Gas Flow Rate	30 LPM O2
Operating Pressure	5 - 20 PSI
Max Pressure	50 PSI
Cooling Method	Air Cooled
Corona Cell	Quartz
Gas Connections	3/8" NPT Fitting
Dimensions	30" x 12" x 38"
Temperature Range	35-95 deg F
Max O3 %	3% - 5%
Power	220 VAC, 20 amp
Ozone Output	120 g/hr

CONTACT INFORMATION

If you need help with your ozone oxidation application, or have questions, please contact our team today.

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