

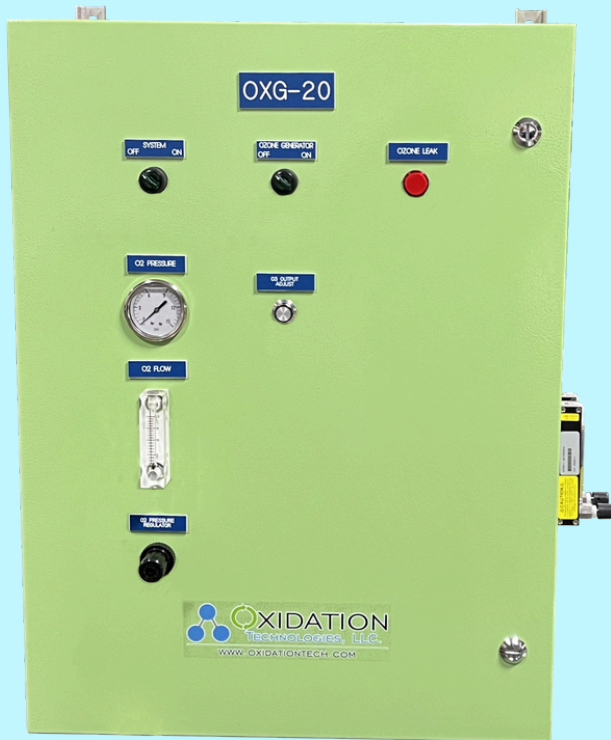


OXG-20

SPEC SHEET

OXG TECHNOLOGY

The OXG Series are built with an Ozone Generation Cell and Oxygen Concentrator in one system. The OXG-20 can produce ozone at 20 g/hr from 5 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

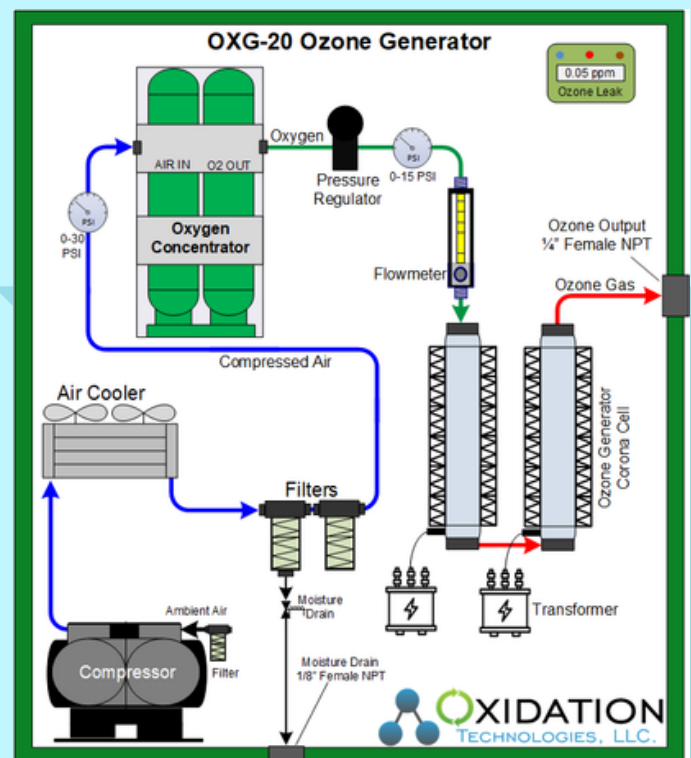
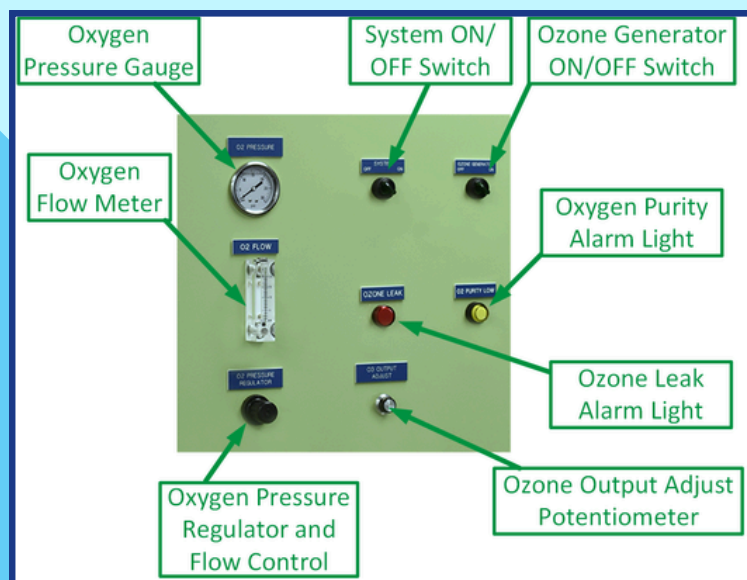
- Can produce high concentrations of ozone at lower flow rates
- Integrated ozone leak sensor
- Integrated oxygen purity meter
- Adjustable ozone output

Common Applications

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

SYSTEM DIAGRAM

Standard OXG-20 Diagram



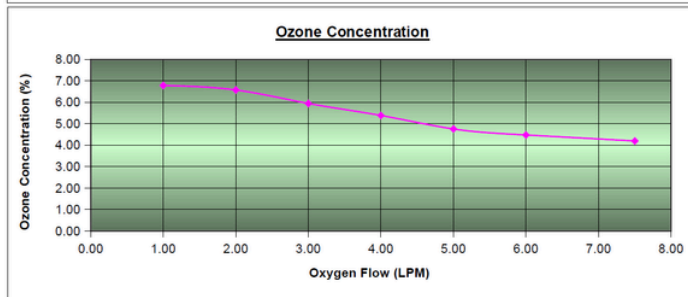
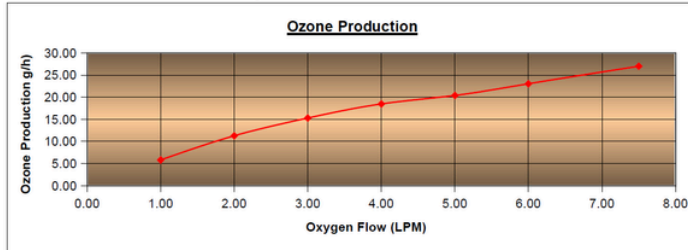
OZONE PRODUCTION:

Performance Chart



OZONE GENERATOR PERFORMANCE TEST

Model: OXG-20
Feed Gas : Oxygen
Rated Ozone Production = 20 g/hr @ 5 LPM
Max Ozone Concentration = 6.78% @ 1.0 LPM



Air FLOW (SLPM) 90-92% O2	Oxygen Pressure (PSIG)	OZONE CONC. (g/Nm³)	OZONE PRODUCTION (g/h)	OZONE CONC. (%W-W)	COMMENT
1.00	2.50	97.00	5.82	6.78	
2.00	2.50	94.00	11.28	6.57	
3.00	2.50	85.00	15.30	5.94	
4.00	2.50	77.00	18.48	5.38	
5.00	2.50	68.00	20.40	4.76	
6.00	2.50	64.00	23.04	4.48	
7.50	2.50	60.00	27.00	4.20	

Product Specifications

Feed Gas	Built-in O2 Concentrator
Nominal Gas Flow Rate	5 LPM O2
Operating Pressure	5 PSI
Max Pressure	10 PSI
Cooling Method	Air Cooled
Corona Cell	Quartz, Stainless Steel
Gas Connections	1/4" NPT Fitting
Dimensions	12" x 25" x 32"
Temperature Range	35-95 deg F
Max O3 %	3% - 5%
Power	120 VAC, 60 Hz, 1-phase, 10amp
Ozone Output	20 g/hr

Customizable Options

External Compressed Air – If plant air is available, or in very humid/poor air quality environments the internal air compressor can be removed at a cost savings. The compressor will be replaced with an air solenoid valve, pressure regulator, and 2-stage air filtration.

Stainless Steel Enclosure – Upgrade the enclosure to be stainless steel



CONTACT INFORMATION

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

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