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ozone generators

Discover a compact, air-cooled ozone generator offering stable 1, 12, or 21g/h output with a metal-free gas path for pure ozone, supporting water treatment and laboratory needs. Read on for detailed features, specifications, and ideal applications.



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- ✓ Compact ozone generator which is complete with flow meter
- ✓ Industrial or Research air-cooled ozone generator
- ✓ Ozone generation rate is 1, 12 or 21g/h, air-cooled type, compact, and highly functional!
- ✓ Easy-to-use industrial ozone generator! Ozone generation quantity

The Acniti Ozone Generator delivers reliable ozone output of 1, 12, or 21 g/hour in a highly compact, air-cooled design ideal for demanding water treatment and laboratory use. Unlike many competitors, it features a metal-free gas contact path, ensuring exceptionally clean ozone without contaminating particles.

With stable performance even in elevated temperatures and an efficient discharge cooling system, it's trusted by research institutes and industry professionals alike. Installation and integration are straightforward—the device operates on oxygen or dried air, along with basic power, and offers options for external control and customizable flow meters, making it versatile for a wide range of applications. For those seeking durability, simplicity, and purity, this ozone generator stands out from traditional ozone generator models.

The ozone generators seamlessly integrate with Acniti's Oxiti series, featuring the Oxiti 01 for 1g/h, Oxiti 05 for 12g/h, and Oxiti 8 for 21g/h ozone output, enabling flexible combinations for small to large-scale operations. The compact air-cooled design and metal-free gas path ensure optimal performance and easy installation with Oxiti systems, whether used for research, water treatment, or industrial applications. Built-in compatibility and customizable flow meters allow rapid scaling to match application requirements, while maintaining high ozone purity and reliability.

o3 generator 12g/hr

Description		Metric	Imperial
1	Model name	O3 generator 12g/hr	O3 generator 12g/hr
2	Model number	O3_ozone_12gh	O3_ozone_12gh
Liquid		Metric	Imperial
3	Strainer availability and size		
Ambient		Metric	Imperial
4	Ambient temperature minimum	2 °C	36 °F
5	Ambient temperature maximum	28 °C	82 °F
6	Relative humidity minimum	10 %	10 %
7	Relative humidity maximum	92 %	92 %
Gas		Metric	Imperial
8	Gas quality		
9	Gas remark	Oxygen, free of dust and oil.	Oxygen, free of dust and oil.
Electrical		Metric	Imperial
10	Unit phase Ø voltage	100-240VAC	100-240VAC
11	Unit power consumption	130 watts	130 watts
12	Wetted parts		
13	Pump model		
14	Pump phase Ø voltage		
15	Pump phase Ø voltage 60Hz		
16	Pump pressure setting		

Electrical		Metric	Imperial
17	Control	Digital adjustable 0-100% in 10% increments	Digital adjustable 0-100% in 10% increments
Connections		Metric	Imperial
18	Water inlet		
19	Water outlet		
20	Gas inlet		
Dimensions & weight		Metric	Imperial
21	Dim. (w) x (d) x (h)	434 x 258 x 90 mm	17.1 x 10.2 x 3.5 inch
22	weight	2.8 Kg	6.2 lbs.
Remarks			
23	Other remarks	<ul style="list-style-type: none"> ✓ Double quartz corona cell for pure ozone — no metal contact ✓ Wall-mountable, air-cooled design for compact installation ✓ Up to 12 g/hr ozone production @ 6 L/min oxygen; highly efficient ✓ Digitally adjustable output (0–100%) with clear status lighting for precise dosing ✓ Built-in digital flow meter and flow switch for automated ON/OFF ✓ Advanced circuit protection for safe, reliable use 	


o3 generator oziti 5g

Description		Metric	Imperial
1	Model name	O3 generator oziti 5g	O3 generator oziti 5g
2	Model number	O3_generator_oziti_5g	O3_generator_oziti_5g
Liquid		Metric	Imperial
3	Strainer availability and size		
Ambient		Metric	Imperial
4	Ambient temperature maximum	48 °C	118 °F
Gas		Metric	Imperial
5	Gas quality		
6	Gas remark		
Electrical		Metric	Imperial
7	Unit phase Ø voltage	100 ~ 240 Volt	100 ~ 240 Volt
8	Unit power consumption	90 Watt	90 Watt
9	Wetted parts		
10	Pump model		
11	Pump phase Ø voltage		
12	Pump phase Ø voltage 60Hz		
13	Pump pressure setting		
14	Control		
Connections		Metric	Imperial
15	Water inlet		
16	Water outlet		
17	Gas inlet	6 mm	6 mm

	Dimensions & weight	Metric	Imperial
18	Dim. (w) x (d) x (h)	190 x 260 x 285 mm	7.5 x 10.2 x 11.2 inch
19	weight	5 Kg	11.0 lbs.

o3 generator 1g

Description		Metric	Imperial
1	Model name	O3 generator 1g	O3 generator 1g
2	Model number		
Liquid		Metric	Imperial
3	Strainer availability and size		
Ambient		Metric	Imperial
4	Ambient temperature minimum	2 °C	36 °F
5	Ambient temperature maximum	40 °C	104 °F
6	Relative humidity maximum	92 %	92 %
Gas		Metric	Imperial
7	Minimum flow / minute	0.1 Liter	0.0 Gallon
8	Maximum flow / minute	1.0 Liter	0.3 Gallon
9	Minimum flow / hour	6.0 Liter	1.6 Gallon
10	Maximum flow / hour	60 Liter	16 Gallon
11	Pressure	0 kPa	0 PSI
12	Pressure	36 kPa	5 PSI
13	Gas quality	Dried Air or Oxygen must be free from dust and oil.	Dried Air or Oxygen must be free from dust and oil.
14	Gas remark	Oxygen from an oxygen concentrator Oxiti-01 or dry air.	Oxygen from an oxygen concentrator Oxiti-01 or dry air.
Electrical		Metric	Imperial
15	Unit phase Ø voltage	100-240 Volt	100-240 Volt
16	Unit power consumption	26 Watts	26 Watts

Electrical		Metric	Imperial
17	Wetted parts	Kynar, Teflon, and Quartz materials.	Kynar, Teflon, and Quartz materials.
18	Pump model		
19	Pump phase Ø voltage		
20	Pump phase Ø voltage 60Hz		
21	Pump pressure setting		
22	Control		
Connections		Metric	Imperial
23	Water inlet		
24	Water outlet		
25	Gas inlet	barb fitting 6mm	barb fitting 6mm
Dimensions & weight		Metric	Imperial
26	Dim. (w) x (d) x (h)	350 x 182 x 106 mm	13.8 x 7.2 x 4.2 inch
27	weight	2.6 Kg	5.7 lbs.
28	Shipping dim. (w)x(d)x(h)	56 x 37 x 22 cm	22 x 15 x 9 inch
29	Shipping weight	4 Kg	9 lbs.
Remarks			
30	Other remarks	 Ozone output is adjustable via a dial.	