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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 Oxit-01 or dry air.	Oxygen from an oxygen concentrator Oxit-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.	