

4 gm/hr Ozone Generator with Integrated Air Dryer

All-in-one Ozone Generation System

Ozone Generator with integrated air dryer for consistent ozone production over time. Air dryer removes moisture & dust to ensure contaminant free corona cells.



Features

- 4 g/hr Ozone from 6 LPM Dry Air
- Integrated Air Dryer Capable of 10 LPM Flow
- Flow Meter and Moisture Indicator Included
- Vacuum Driven Ozone Generator
- Immediate Ozone Output
- Very reliable - only one moving part
- no compressor or oxygen concentrator required
- compact unit fits in tight spaces

Product ID: **OZ-4AD**
 Stock: **Yes**
 Price: **\$2,395.00**

OZ-4AD

Item	Description	Price	*
10 Pos. Switch	10-position ozone output control switch allows the user the vary the ozone concentration without adjusting the gas flow.	Online Pricing	Buy Online!

Specifications

Ozone Output:	4 gm/hr at 1% by wt. concentration
Dry Air Production:	8 lpm (16-SCFH)
Air Dryer Principle:	Automatically recharging desiccant via heat regeneration & purging, dries air to -40 deg F dewpoint
Indicator:	Yes - lets the user know when desiccant requires changing
Mounting:	Wall-mounting preferred, can also be set on bench
Chassis:	Powder-coated Steel Chassis - NEMA-12
Ozone Output Connection:	1/4
Flowmeter:	Yes (1-10 lpm range)
Maintenance Schedule:	Annually (\$95/year)
Cooling:	self-cooled cabinet with 100-CFM fan
Environmental Limits:	55-deg F Dew Point, See image to the right
Power Required:	120V/60Hz (220V/50Hz available)
Power Consumption:	120 Watts
Certifications:	Warnock & Hersey Certified – CSA listed
Warranty:	1 year
Dimensions (wall mounted):	20.5 x 12 x 7 (HxWxD) 52 x 30.5 x 18-cm
Weight:	19 lbs (8.5-kg)
Shipping Weight:	21 lbs (9.5-kg)

OZ-4AD Underside View

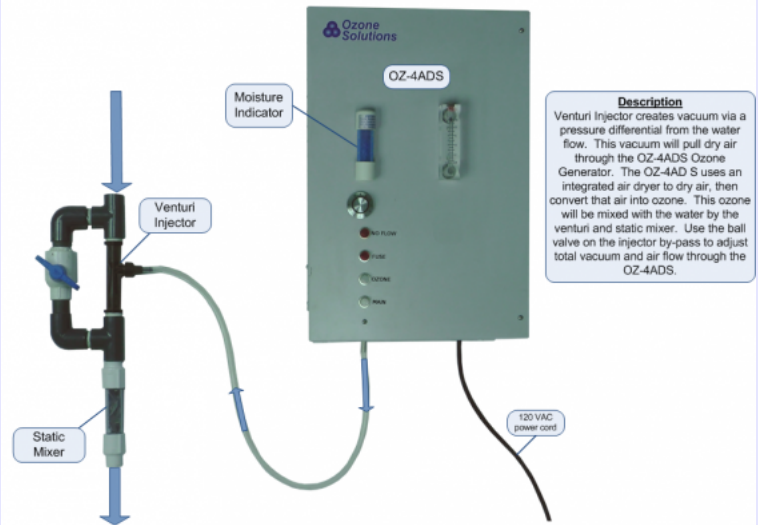


Image shows the ozone output, fuse/power panel lights, dry air indicator & flowmeter. Air Dryer automatically starts once powered.

OZ-4AD Application Image

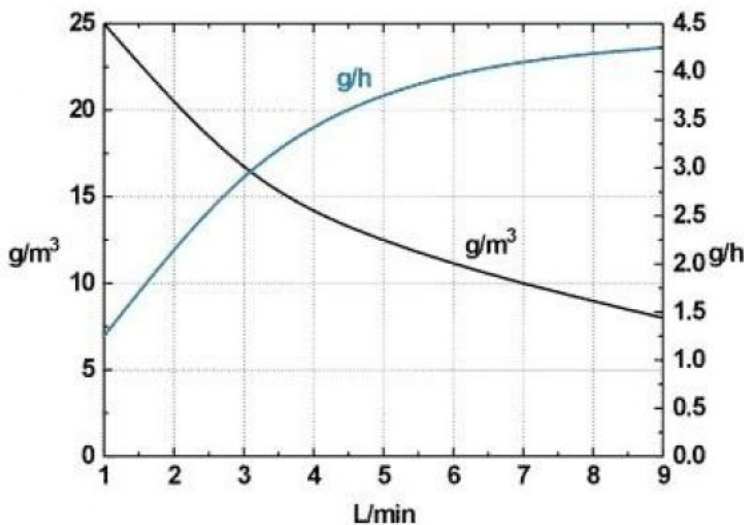
4 grams/hour of ozone from dry air for water treatment

Diagram shows how easy it is to produce ozone from dry air and inject into water.



This image illustrates the potential use of the OZ-4AD in water treatment applications. When used with a venturi injector no other parts are necessary for ozone generation or process air, the OZ-4AD contains both the air dryer and ozone generator in the same convenient enclosure.

OZ-4AD Output Chart



Ozone Output (blue) increases as flowrate increases. [Blue line correlates with right y-axis.]

Environmental Conditions

**55°F (12.8°C) Dewpoint
Temperature vs. Relative Humidity**

Ambient Temp F	Ambient Temp C	Max. Allowable R.H.
55	12.8	99%
60	15.6	82%
65	18.3	70%
70	21.1	59%
75	23.9	49%
80	26.7	42%
85	29.4	35%
90	32.2	30%
95	35.0	26%

The OZ-4AD will dry the air in a maximum dew point of 55-deg F. Use this chart to evaluate the temperature and relative humidity allowable to achieve this dew point.